

1-14-76 - Asamera Oil purchased and assumed operations from Sun Oil as of 12-15-75

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed

✓
.....
✓
.....
✓
.....

Checked by Chief
Approval Letter
Disapproval Letter

P.W.B...
8-16-72

COMPLETION DATA:

Date Well Completed
OW..... WW..... TA.....
GW..... OS..... PA.....

12/17/72

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

JMS

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

11. Sec., T., R., M., or Bk. and Survey or Area

12. County or Parrish 13. State

16. No. of acres in lease 17. No. of acres assigned to this well

19. Proposed depth 20. Rotary or cable tools

22. Approx. date work will start*

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL DEEPEN PLUG BACK

b. Type of Well

Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator

Sun Oil Company

3. Address of Operator

P.O. Box 1798, Denver, Colorado 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface 1462' EWL, 1390' NSL, Sec. 21 (NE SW)
At proposed prod. zone same

SUN OIL

Samual Williams

1

Wildcat *alt. etc.*

21-2S-3W

14. Distance in miles and direction from nearest town or post office*

1-1/2 mile NW of Upalco, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

1390'

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

-

19. Proposed depth

15,000

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5834' Ungraded Ground

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
20"	16"	65	30'	-
13-3/4"	10-3/4"	40.5	1500'	1000 sacks
9-7/8"	7-5/8"	Various	11000'	450 sacks
6-3/4"	5-1/2" Liner	Various	14000'	250 sacks

Certified location plat will be sent at a later date.

Principal Objective is the Wasatch.

There are no plans for the directional drilling of this well.

All indications of fresh water will be reported.

A diagram of the hydraulic blowout equipment is attached.

Sun Oil Company has a \$25,000 blanket bond on file in the office of the Division of Oil & Gas Conservation.

131-14
ab

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed *[Signature]* Title Dist. Engr. Date 8-10-72

(This space for Federal or State office use)

Permit No. 43-013-30146 Approval Date _____

Approved by _____ Title _____ Date _____

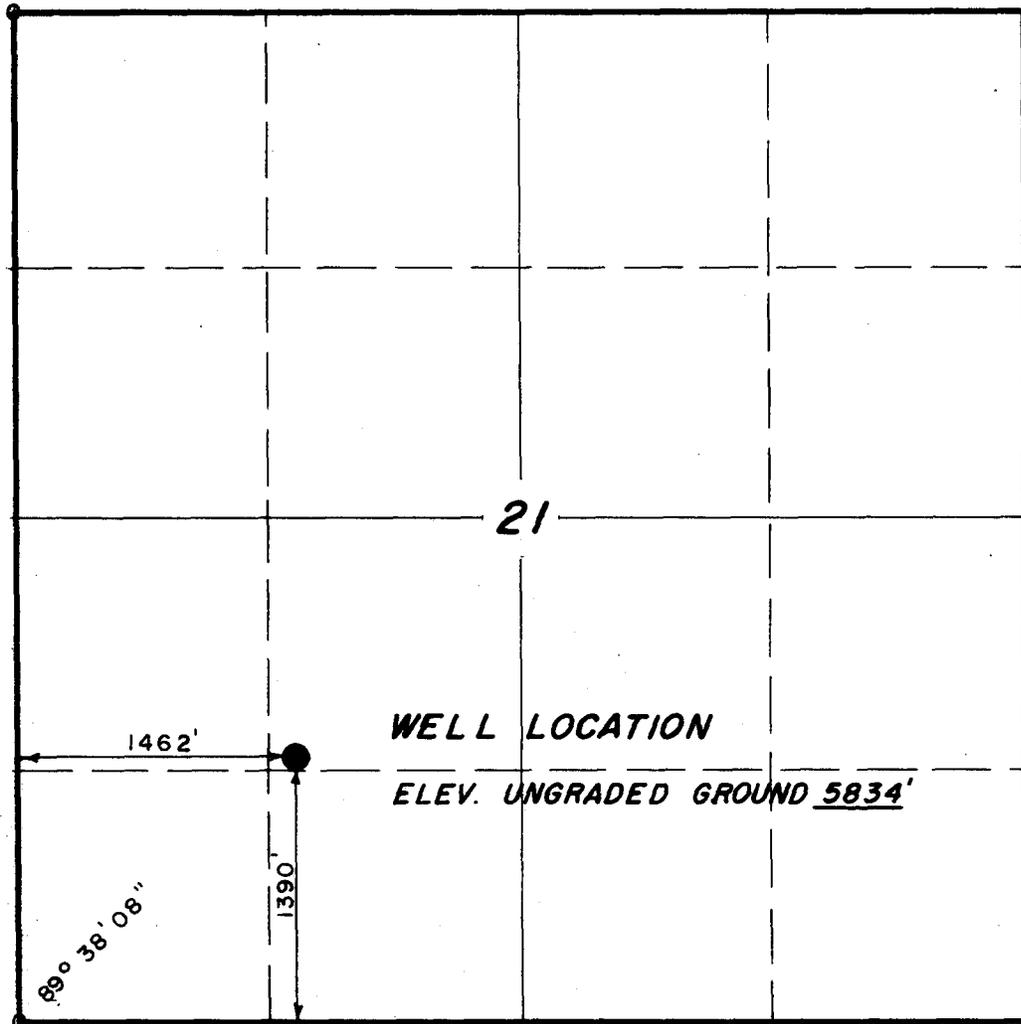
Conditions of approval, if any:

T2S, R3W, U.S.B.&M.

PROJECT

SUN OIL COMPANY

Well location located as shown
in the NE 1/4 SW 1/4 Section 21,
T2S, R3W, U.S.B.&M. Duchesne
County, Utah.



O = Section Corners Located.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 Aug., 1972
PARTY G.S. M.S. S.S.	REFERENCES GLO Plat
WEATHER Warm	FILE SUN OIL CO.

SAMUEL WILLIAMS NO. 1

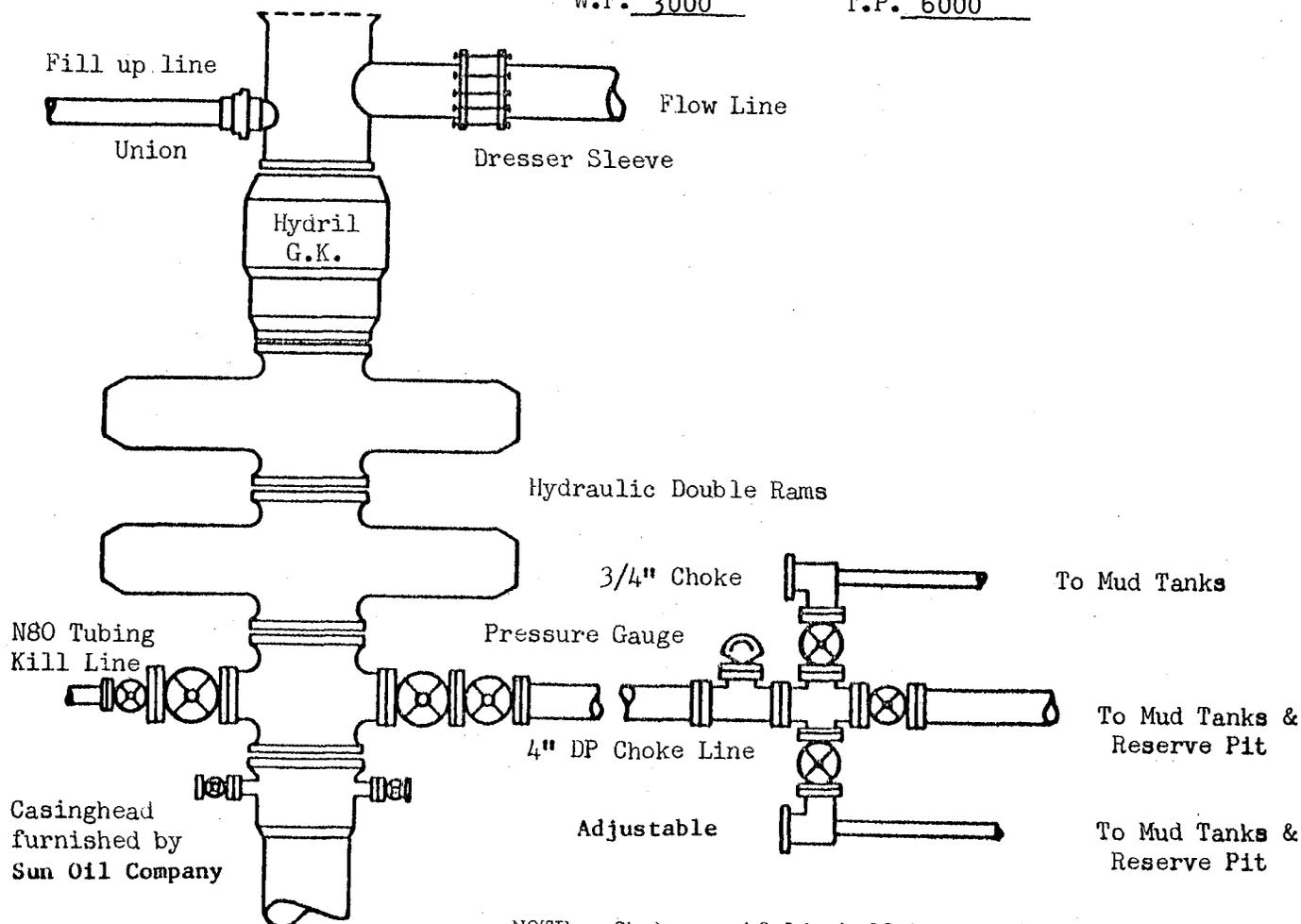
The following equipment will be installed after setting surface casing:

1. Recording mud-pit level indicator with visual and audio warning device.
2. Mud volume measuring device for determining mud volumes required to fill hole on trips.
3. Mud return indicator to determine that returns equal the pump discharge rate.
4. Degasser to effectively remove gas from drilling mud.
5. Complete choke manifold with working pressure equivalent to that of stack with a hydraulically controlled adjustable choke.

HET:mj
8-10-72

TULSA REGION

HYDRAULIC BLOWOUT EQUIPMENT HOOKUP "B"
 SIZE 10" SERIES 900
 W.P. 3000 T.P. 6000



NOTE: Choke manifold shall be out from under derrick floor & raised above ground level. Extra choke(Sizes 1/4"-1/2"-3/4"-1") shall be maintained on location at all times.

1. Blowout equipment shall be properly installed immediately after surface casing is cemented & immediately after intermediate casing is cemented, & entire assembly shall be ready for any emergency at this time.
2. All flanges, steel valves, gauges, fittings, & lines shall have a minimum working pressure of the Series or pressure rating noted.
3. All hydraulic lines used for operating blowout equipment shall be equipped with swing joints & have a minimum working pressure of 3000 psi. Hydraulic pressure shall be supplied by a "Payne" or "Hydril" 80-gallon accumulator with hydraulic type oil as a medium.
4. Extension rods & manual operating wheels shall be installed on gates immediately & shall be plainly marked "Pipe Rams" & "Blind Rams".
5. All manifold control valves shall be clearly marked as to designation "Hydril", "Blind Rams" & "Pipe Rams". "Blind Ram" operating valve shall be pinned so that valve cannot be operated until pin or lock is removed.
6. At least two vapor-proof safety lanterns shall be maintained on rig floor at all times.
7. An inside blowout preventer of proper size & pressure rating shall be maintained on rig floor at all times.
8. Blowout equipment shall be closed & inspected each 24 hours & noted on the daily drilling report.
9. Wherever possible, mouse hole to be off-center of hole to allow choke line to run from drilling spool to manifold in a straight line.

August 16, 1972

Sun Oil Company
Box 1798
Denver, Colorado

Re: Well No. Samuel Williams #1
Sec. 21, T. 2 S, R. 3 W,
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 131-14, dated August 11, 1971.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to the above will be greatly appreciated.

The API number assigned to this well is 43-013-30146.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Samuel Williams, et al #1

The following is a correct report of operations and production (including drilling and producing wells) for

August, 1972

Agent's address P.O. Box 1798
Denver, Colorado 80201

Company SUN OIL COMPANY

Signed *[Signature]*

Phone 266-2181

Agent's title District Engineer

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW SEC. 21	2S	3W	1	Dr1g.	-	-	-		Spudded well 8-31-72 Dr1g @ 58'

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
 SI-Shut In D-Dead
 GI-Gas Injection TA-Temp. Aban.
 WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Samual Williams, et al #1

The following is a correct report of operations and production (including drilling and producing wells) for
September, 1972.

Agent's address P.O. Box 1798 Company SUN OIL COMPANY
Denver, Colorado 80201 Signed *[Signature]*
Phone 266-2181 Agent's title Dist. Engr.

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 21	2S	3W	1	Dr1g					Drld to 9784' R&C 20" cond CS 85 used 245 sx cmt R&C 13-3/8" csg CS-1546 used 940 sx cmt

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

NOV 16 1972

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Samuel Williams, et al #1

The following is a correct report of operations and production (including drilling and producing wells) for
October, 1972.

Agent's address P.O. Box 1798 Company SUN OIL COMPANY

Denver, Colorado 80201 Signed [Signature]

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 21	2S	3W	1	Dr1g.					Drld from 9784'-12843' R&C 7-5/8" csg CS-10400 used 600 sx cmt Ran logs.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
 Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Duchesne Field or Lease Samuel Williams, et al #1

The following is a correct report of operations and production (including drilling and producing wells) for
November, 1972.

Agent's address P.O. Box 1798 Company SUN OIL COMPANY

Denver, Colorado 80201 Signed *[Signature]*

Phone 266-2181 Agent's title Dist. Engr.

State Lease No. _____ Federal Lease No. _____ Indian Lease No. _____ Fee & Pat.

Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)	
								No. of Days Produced	
NE SW Sec. 21	2S	3W	1	tstg					Drld fm 12843-14025' TD Ran logs Ran 5-1/2" liner LS-14022 used 700 sx cmt Ran 2-7/8" tbg TS-13207 Pfs. 13240-13958 1 shot/zone Acdd pfs.

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
 SI-Shut In D-Dead
 GI-Gas Injection TA-Temp. Aban.
 WI-Water Injection

SUN OIL COMPANY

800 SECURITY LIFE BUILDING, P.O. BOX 1798, DENVER, COLORADO 80201 (303) 266-2181

December 1, 1972

Oil & Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Re: Samuel Williams #1
NE SW Sec. 21-2S-3W
Duchesne County, Utah

Enclosed are the following logs covering the above mentioned well:

- 2 - Borehole Compensated Sonic Log-Gamma Ray
- 2 - Compensated Formation Density Log
- 2 - Compensated Neutron-Formation Density
- 2 - Dual Induction-Laterolog with Linear Correlation Log

Very truly yours,



D. A. Coppedge
District Engineer

DAC:mm
Enc.



OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Samual Williams

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluebell

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21-2S-3W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

Sun Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 1798, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1462' EWL, 1390' NSL, Sec. 21 (NE SW)
At top prod. interval reported below same
At total depth same

14. PERMIT NO. 43-013-30146 | DATE ISSUED 8-16-72

15. DATE SPUNDED 8-31-72 | 16. DATE T.D. REACHED 11-15-72 | 17. DATE COMPL. (Ready to prod.) 12-1-72 | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5834' Ground | 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 14025 | 21. PLUG, BACK T.D., MD & TVD 13988 | 22. IF MULTIPLE COMPL., HOW MANY* - | 23. INTERVALS DRILLED BY - | ROTARY TOOLS 0-14025 | CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13530, 13478, 13412, 13374, 13357, 13329, 13295, 13273, 13240, 13958, 13901, 13812, 13800, 13780, 13720, 13676, 13644, 13594, 13559 | 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Borehole Compensated Sonic Log-Gamma Ray, Compensated Neutron Formation Density, Dual Induction Laterolog, Compensated Formation Density Log. | 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	-	85	26	245 sacks	None
13-3/8"	61	1546	17-1/2	1450 sacks	None
7-5/8"	Various	10400	9-7/8	600 sacks	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2	9897	14025	700	-	2-7/8	13400	13160

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13240-13958	.32	1 SPF (19 holes)	13240-13958	12,000 gals 15% HCl 19 ball sealers

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-30-72		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-1-72	24	25/64	→	235 ✓	77 ✓	117 BLW	331/1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200	Pkr	→	235	77	117 BLW	44.8	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel and vented | TEST WITNESSED BY J. W. Creel

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE

Dist. Engr.

DATE

12-6-72

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP	
					MEAS. DEPTH	
					TRUE VERT. DEPTH	
				Green River Wasatch	5035 11092	

P-W

DEC 8 1972

FIRST RECOMPLETION

SUBMIT IN DUPLICATE*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Sun Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 1798, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1462' EWL, 1390' NSL, Sec. 21 (NE SW)
At top prod. interval reported below
At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Samuel Williams

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Bluebell

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 21-2S-3W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. - DATE ISSUED 8-16-72

15. DATE SPUDDED 8-31-72

16. DATE T.D. REACHED 11-15-72

17. DATE COMPL. (Ready to prod.) 12-1-72

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5834' Ground

19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 14025'

21. PLUG, BACK T.D., MD & TVD *13174'

22. IF MULTIPLE COMPL., HOW MANY* -

23. INTERVALS DRILLED BY - ROTARY TOOLS 0-14025 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
13138, 13055, 13025, 12977, 12960, 12944, 12757, 12630, 12604, 12572, 12560, 12545, 12476, 12387, 12328, 12292, 12202, 12184

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN Borehole Compensated Sonic Log-Gamma Ray, Compensated Neutron Formation Density, Dual Induction Laterolog, Compensated Formation Density Log.

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	-	85	26	245 sacks	None
13-3/8"	61	1546	17-1/2	1450 sacks	None
7-5/8"	Various	10400	9-7/8	600 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5-1/2	9897	14025	700	-

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	12112	12112

31. PERFORATION RECORD (Interval, size and number)
13138' - 12184' .32 1 SPF (18 holes)
*old perf. 13240-13958 are plugged off with a wireline placed plug in the existing permanent packer.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13138-12184	12000 gal. 15% HCl and 22 ball sealers

33.* PRODUCTION

DATE FIRST PRODUCTION 12-18-72

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12-22-72

HOURS TESTED 8

CHOKE SIZE 12/64"

PROD'N. FOR TEST PERIOD →

OIL—BBL. 24

GAS—MCF. Not Meas.

WATER—BBL. 32

GAS-OIL RATIO -

FLOW. TUBING PRESS. 300

CASING PRESSURE 0

CALCULATED 24-HOUR RATE →

OIL—BBL. 72 ✓

GAS—MCF. -

WATER—BBL. 96

OIL GRAVITY-API (CORR.) -

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel and vented

TEST WITNESSED BY J. W. Creel

35. LIST OF ATTACHMENTS
None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Dist. Engr. DATE 1-5-73

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUB VENT. DEPTH

DRAFT

AN

K

2

PI

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Sun Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1720 S. Bellaire, Denver, Colorado 80222		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SW		8. FARM OR LEASE NAME S. Williams et al
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	9. WELL NO. 1
		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 21-2S-3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Change of Operator <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Asamera Oil (U.S.) Company, P. O. Box 118, 4545 East 52nd St., Denver, Colorado 80201, telephone 303-222-2527, purchased and assumed operations as of December 15, 1975.



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE District Engineer DATE 1-14-76

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR ASAMERA OIL (U.S.), INC.-UTEX OIL CO.</p> <p>3. ADDRESS OF OPERATOR 4133 South 635 East, Salt Lake City, Utah</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW$\frac{1}{4}$ Section 21, T2S, R3W</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. FEE</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME NONE</p> <p>7. UNIT AGREEMENT NAME NONE</p> <p>8. FARM OR LEASE NAME SAMUEL WILLIAMS #1</p> <p>9. WELL NO. 1</p> <p>10. FIELD AND POOL, OR WILDCAT ALTAMONT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T2S, R3W</p> <p>12. COUNTY OR PARISH DUCHESNE</p> <p>13. STATE UTAH</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5834' KB 5850.5</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Drill out packer at 10,670 feet. Squeeze cement perforations 10,772' to 11,925'.
 Drill out packer at 12,112'. Squeeze cement perforations 12,184 to 13,138.
 Drill out packer at 13,174'. Clean out to PBD 13,974, set packer at 13,174.
 perforate 13,188' to 13,962', 2 shots per foot. Acidize and test perforated zone.
 Proposed starting date October 1, 1976.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Oct. 13, 1976
BY: P. L. Small

18. I hereby certify that the foregoing is true and correct

SIGNED <u>[Signature]</u>	TITLE <u>P. Eng.</u>	DATE <u>10/11/76</u>
<small>(This space for Federal or State office use)</small>		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN REPLICATE
(See instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ASAMERA OIL (U.S.) INC.

3. ADDRESS OF OPERATOR
P.O. BOX 118 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1462' FWL & 1390' FSL Sec. 21'2S'3W

5. LEASE DESIGNATION AND SERIAL NO.
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
None

7. UNIT AGREEMENT NAME
None

8. FARM OR LEASE NAME
Williams

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Altamont/Bluebell

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21-2S-3W

12. COUNTY OR PARISH
Duchense

13. STATE
Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
GL 5834' KB 5850'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 9/13) POOH with tbg & pkr.
- 9/14) Run tbg & scraper to 11215'. Run and set CIBP at 10940'. Spot 2sx cmt. on BP.
- 9/15) Perfed 2 SPF 10524', 542', 572', 634', 656', 679', 695', 708', 742', 772', 790', 832', 852', 864', 876', 892'. Run 2-7/8" tbg, pump cavity and pkr.
- 11/6) Perf 10911-17' with 6 shots. Run and set cement retainer at 10900'.
- 11/11) Squeeze perfs at 10911'-17' with 25 sx cement. Spot 5 sx on retainer. Check PBD at 10891'.
- 11/12) Run 2-7/8" tbg, pump cavity, and pkr. Run pump and pump test well.
- 11/23) Acidize perfs at 10911'-17' with 10,000 gal 15% HCL with 600 SCF N₂/bbl.
- 11/24) Put well on pump

18. I hereby certify that the foregoing is true and correct

SIGNED John J. Berglund TITLE Petroleum Engineer DATE 12/20/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

7

August 10, 1979

MEMORANDUM

TO: File

From: Frank M. Hamner *F. Hamner*
Chief Petroleum Engineer
Division of Oil, Gas
and Mining

Re: Asamera Oil, Inc.
Well No. Samuel Williams Fee
#1-21B3
Sec. 21, T. 2S, R. 3W.,
Duchesne County, Utah

This well is shut-in with the pump stuck in the hole. A work-over rig will be moved to this well when it is finished with the Knight #1 well.

cc



ASAMERA OIL (U. S.) INC.

EXPLORATION - PRODUCTION
One Denver Place - Suite 355 - 999 18th Street - Denver, Colorado 80202

*Mike Minder
is handling
this case*

TELEPHONE (303) 823-3864
TELEX 45-4483

*No Plans
to recomplete
as a disposal
well SI.*

September 8, 1981

RECEIVED

SEP 11 1981

DIVISION OF
OIL, GAS & MINING

Jack B. Feight, Esq.
Director
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Cause No. 139-23

Dear Jack:

Enclosed please find two (2) copies of an order conditionally approving our application to dispose of brackish water through the Samuel Williams Well located in the NE/4 SW/4 of Section 21, Township 2 South, Range 3 West, Duchesne County, Utah.

Thank you for your assistance in this matter.

Very truly yours,

ASAMERA OIL (U.S.) INC.

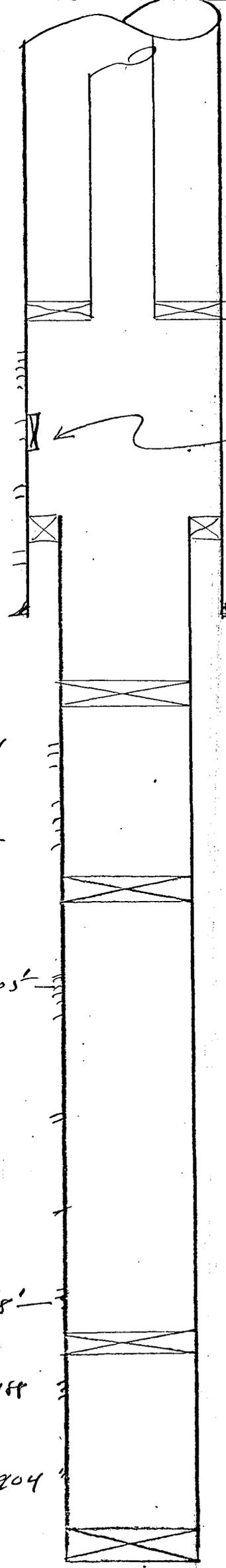
Lee Marable / CAR

Lee Marable

LM:car
Enclosures

** See [unclear] [unclear]*

Wellbore = /
Current Wellbore



2 1/8" Tbg

Packer lok-set @ 9104

0 BO / 0 BW

Thick zone 9356-9400
injection Survey marker

5 1/2" 23" N80 liner
9879' - 10,425'

7 7/8" 26" 429" N80
@ 10,400

CIBP @ 10,450

2 BO / 70 BW

CIBP @ 10,940

10 BO / 500 BW

Packer w/ packer plug
@ 13,145'

PR TO 13,974
TO 14,025

Upper Green River Perfs
71 holes
Treated 2800 gals Acid
Oct 79
Black oil -

9175'
10,331'

Lower Green River Perfs
34 holes
Treated 10,000 gals Acid
Sept 78 - yellow oil -

10,524'
10,842'

Wasatch Perfs
739 holes

11,005'

13,138'

Lower Wasatch Perfs
646 holes

13,184'

13,904'

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES
in and for the STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF)
ASAMERA OIL (U.S.) INC. FOR APPROVAL)
TO DISPOSE OF SALT WATER PRODUCED WITH) ORDER
OIL WHICH IS UNFIT FOR DOMESTIC LIVE-)
STOCK, IRRIGATION OR OTHER GENERAL) CAUSE NO. 139-23✓
USES, FROM WELLS LOCATED IN THE ALTAMONT)
AREA, DUCHESNE COUNTY, UTAH)

255/251

My Commission Expires:

Pursuant to the application of Asamera Oil (U.S.) Inc.
this Cause came on for hearing before the Board of Oil and
Gas Conservation, Department of Natural Resources of the
State of Utah, at 10:00 A.M. on Thursday, August 27, 1981,
in the Wildlife Resources' Auditorium, 1596 West North Temple,
Salt Lake City, Utah. The following Board members were present:

Mack Wade Olsen, Chairman Presiding

John L. Bell

Margaret Bird

Charles R. Henderson

E. Steele McIntyre

Also present:

Cleon B. Feight, Esq., Director,
Division of Oil and Gas Conservation

Michael Minder, Petroleum Engineer

Appearances were made as follows:

For the Applicant: Lee Marable, Esq.
Denver, Colorado

Applicant introduced testimony and exhibits in support of its application and questions were addressed to applicant's witnesses and statements were submitted by others present.

NOW, THEREFORE, the Board having considered questions and answers, statements presented and the testimony adduced and the exhibits received at said hearing and being fully advised in the premises, now makes and enters the following:

FINDINGS AND CONCLUSIONS

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties as required by law and the Rules and Regulations of the Board.

2. The Board has jurisdiction over the matter covered by said application and over all parties interested therein and has jurisdiction to take and promulgate the Order hereinafter set forth.

3. The application of Asamera Oil (U.S.) Inc. complies in all respects with the Rules and Regulations of this Board.

4. Applicant is an oil and gas operator in the Altamont Area, Duchesne County, Utah, and is utilizing surface tanks and open pits to retain salt water produced in association with oil from wells in the Altamont Field, Duchesne County, Utah. The salt water is thereafter hauled by truck to an evaporation pond.

5. Applicant proposes to convert a shut-in oil and gas well to a disposal well and inject salt water into the Uinta ~~and~~/or Duchesne River Formations at subsurface intervals ranging from approximately 1700 to 4700 feet. The proposed disposal well (Samuel Williams Well) is located in the NE/4 SW/4 of Section 21, Township 2 South, Range 3 West, Uintah Special Meridian, Duchesne County, Utah.

6. The waters native to the Uinta and Duchesne River formations are extremely brackish, with total dissolved solids of approximately 60,000 ppm. The salt water produced from the Wasatch formation varies from approximately 8,000 to approximately 20,000 ppm total solids. Consequently, Applicant proposes to dispose of water of better quality from that already present in the Uinta and Duchesne River formations at the selected well site.

7. The minimum estimated amount of water to be injected, as produced in association with oil from the Wasatch formation, is 500 BHPD. The maximum estimated amount of water to be injected is 2,000 BHPD.

8. Unless subsurface disposal is provided, the salt water accompanying further production of oil could cause surface damage and possible pollution of potable surface water, and the proposed well will provide sufficient capacity to adequately and safely dispose of salt water produced from certain oil wells in the area. Furthermore, on site disposal would be more economical and practical than transporting waste water to distant disposal facilities.

9. Applicant's proposed casing, cementing, and methods for testing the disposal well to be drilled appear to be adequate to avoid polluting streams and underground water, but monitoring of the disposal well as to volume and pressure should be provided.

10. Applicant's disposal program is in the interest of conservation, will prevent waste and protect property rights of others, subject to certain conditions hereinafter noted.

O R D E R

IT IS THEREFORE ORDERED:

That the plan for disposal of oilfield produced water as set forth in the application and in the above Findings and Conclusions, is hereby approved and applicant, Asamera Oil (U.S.) Inc., is hereby authorized to dispose of salt water, brackish water, or other water produced with oil and gas from oil and gas wells in the Altamont Area and surrounding areas, Duchesne County, Utah, which water is unfit for domestic, livestock, irrigation and other general uses, through the Samuel Williams Well, located in the NE/4 SW/4 of Section 21, Township 2 South, Range 3 West, Uintah Special Meridian, Duchesne County, Utah, into the Duchesne River-Uinta formations hereinabove described, subject, however, to the following conditions:

1. Operator shall take two samples of formations water by swab testing, one of which shall be taken from the subsurface interval between 1700 to 2500 feet, and the other test to be taken from 4000 to 4700 feet.
2. Prior to taking water samples, operator shall notify the Director, Division of Oil and Gas Conservation, in order that the Director or his staff may witness the tests and take independent samples.
3. That prior to commencement of water injection, analysis of the water samples taken from the disposal well show to the satisfaction of the Director that formation water from the disposal interval is of poorer quality than the produced water to be injected.

4. Operator shall provide continuous monitoring of the salt water disposal well as to the amount of fluids injected and injection pressures, and such information shall be recorded or logged.

This Order shall become effective on this day.

IT IS FURTHER ORDERED that the Board retains continuing jurisdiction over all matters covered by this Order and particularly to make further orders as may be necessary under conditions and circumstances developed in the future.

ENTERED this 27th day of August, 1981

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
BOARD OF OIL AND GAS CONSERVATION

Mack W. Olsen

Mack Wade Olsen,
Chairman Presiding

John L. Bell

John L. Bell

Margaret R. Bird

Margaret Bird

Charles R. Henderson

Charles R. Henderson

E. Steele McIntyre

E. Steele McIntyre

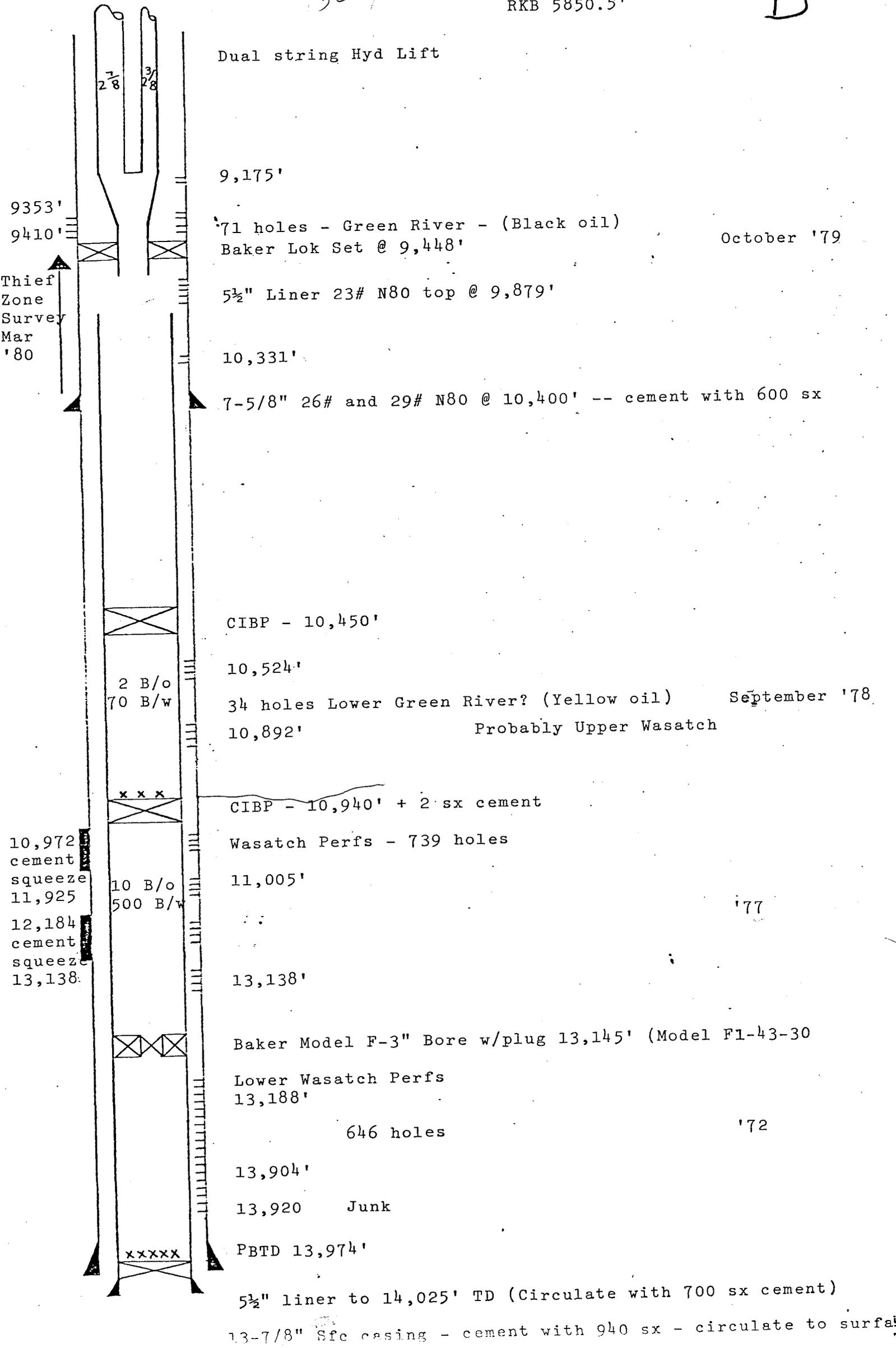
Asamera Representative Homer D. Austin

(303) 623-3861

Conwellson Design

RKB 5850.5'

B



OIL & GAS CONSERVATION COMMISSION

(See for instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Samuel Williams

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Bluebell

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T2S-R3W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

2. NAME OF OPERATOR
Asamera Oil (U.S.) Inc.

3. ADDRESS OF OPERATOR
P.O. Box 118, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1462' EWL, 1390' NSL Sec. 21 NE SW

At top prod. interval reported below same

At total depth same

14. PERMIT NO. DATE ISSUED

43-013-30146 8-16-72

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

8-31-72 11-15-72 12-1-72 5834' GL

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

14,025 10,450 -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

9175-10,331 Green River Zone

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC Sonic - GR - Neutron - Dual Induction Laterolog

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		85'	26"	245 sxs	none
13-3/8"	61	1546	17-1/2"	1450 sxs	none
7-5/8"	various	10,400	9-7/8"	600 sxs	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2	9897	14025	700		2-7/8"	9104'	9104'

31. PERFORATION RECORD (Interval, size and number)

9175-10,331, 81 shots-4" csg jet

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9175-10,331	7800 gals 28% MSR acid + 12,000 gals 2% KCl wtr

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-10-79		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-11-79	24	18/64"	→	211	350	36	1,658 cf/b
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
50 psi	0 (pkr)	→	211	350	36	39.8° API	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Fuel & Flared

TEST WITNESSED BY

H. Austin & A. Walker

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

[Signature]

TITLE Vice President, Production

DATE 10-24-79

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH

LESSOR: First National Bank of Midland, Texas, Trustee

LEASEHOLD: Pennzoil United, Inc.

OGL 101-213

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 6-1-71

LESSOR: Lo Rie Hartwell

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI

OGL 105-758

Utex Oil Company 37.5% WI

ASSN 143-104

Fisher Oil and Gas Corp. 43.8017% WI

ASSN 163-693

ASSN 172-351

Shadowfax Resources Ltd. 6.1983% WI

ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 11-8-71

LESSOR: First National Bank of Midland, Texas, as agent

LEASEHOLD: Pennzoil United, Inc.

OGL 101-216

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 6-1-71

LESSOR: Henry A. Johnson and Louise G. Johnson, h&w

LEASEHOLD: Bow Valley Petroleum Inc.

OGL 106-306

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 2-1-72

LESSOR: David A. Shand and Melba H. Shand, h&w

LEASEHOLD: Bow Valley Petroleum Inc.

OGL 106-649

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 1-5-72

LESSOR: Edna O. Powers

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI

OGL 109-556

Utex Oil Company 37.5% WI

ASSN 143-104

ASSN 163-693

Fisher Oil and Gas Corp. 43.8017% WI

ASSN 172-351

ASSN 172-404

Shadowfax Resources Ltd. 6.1983% WI

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 4-3-72

LESSOR: Leo L. Draper and Myrtle A. Draper, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 110-586
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: Land for HWY project S-13, located in NW $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ NW $\frac{1}{4}$

DATE: 5-22-72

LESSOR: Grant W. Hansen and Rita S. Hansen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI.	OGL 110-750
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: metes & bounds in NW $\frac{1}{4}$ NE $\frac{1}{4}$

DATE: 6-14-72

LESSOR: Don L. Dickason

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 111-570
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 7-20-72

LESSOR: Moon Lake Water Users Association and
State of Utah Division of Parks & Recreation

LEASEHOLD: Shell Oil Company

OGL 113-549
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: metes & bounds in NE $\frac{1}{4}$

DATE: 8-9-72

LESSOR: State of Utah and Moon Lake Water Users Association

LEASEHOLD: Shell Oil Company

OGL 113-539
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: metes & bounds in NW $\frac{1}{4}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$

DATE: 8-9-72

LESSOR: Shell Oil Company

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 117-148
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-30-72

LESSOR: R.C. Crabb, Jr.

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 117-150
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-19-72

LESSOR: First National Bank of Midland, Texas, Trustee

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 117-310
		OGL 117-313
Utex Oil Company	37.5% WI	OGL 117-314A
		OGL 117-315A
Fisher Oil and Gas Corp.	43.8017% WI	OGL 117-316
		ASSN 143-104
Shadowfax Resources Ltd.	6.1983% WI	ASSN 163-693
		ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-24-72

LESSOR: State Land Board

LEASEHOLD: Shell Oil Company OGL 119-727

DESCRIPTION: T2S,R3W Section 21: Lands for HWY project #S-13

DATE: 5-1-70

Division of State Lands and Division of Water Resources for the
LESSOR: State of Utah, and Moon Lake Water Users Association

LEASEHOLD: Sun Oil Company

DESCRIPTION: T2S,R3W Section 21: metes & bounds in NW $\frac{1}{4}$

DATE: 8-9-72

LESSOR: Roy-co, a Limited Partnership

LEASEHOLD: Utex Oil Company

OGL 171-386
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 2-23-81

LESSOR: Paul Serdar and Harriet Serdar, h&w

LEASEHOLD: Utex Oil Company

OGL 172-674
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 4-26-82

LESSOR: Samuel Williams and Agnes M. Williams, h&w

LEASEHOLD: Bow Valley Petroleum Inc. 50% WI
Asamera Oil (U.S.) Inc. 50% WI

OGL 53-230
ASSN 119-102
ASSN 123-415
ASSN 143-104

DESCRIPTION: T2S,R3W Section 28: NE $\frac{1}{4}$ NW $\frac{1}{4}$

DATE: 10-10-63

LESSOR: Percy Potts

LEASEHOLD: Bow Valley Petroleum Inc. 50% WI
Asamera Oil (U.S.) Inc. 50% WI

OGL 54-164
ASSN 123-618
ASSN 125-184
ASSN 143-104

DESCRIPTION: T2S,R3W Section 28: N $\frac{1}{2}$ NE $\frac{1}{4}$

DATE: 11-11-63

LESSOR: G.C. Bills and Pearl D. Bills

LEASEHOLD: Bow Valley Petroleum Inc. 50% WI
Asamera Oil (U.S.) Inc. 50% WI

OGL 54-584
ASSN 123-618
ASSN 125-184
ASSN 143-104

DESCRIPTION: T2S,R3W Section 28: N $\frac{1}{2}$ NE $\frac{1}{4}$

DATE: 11-26-63

LESSOR: Crescent Oil and Gas Corp.

LEASEHOLD: Bow Valley Petroleum Inc. 50% WI
Asamera Oil (U.S.) Inc. 50% WI

OGL 54-263
ASSN 119-102
ASSN 123-415
ASSN 143-104

DESCRIPTION: T2S,R3W Section 28: NE $\frac{1}{4}$ NW $\frac{1}{4}$

DATE: 11-15-63

LESSOR: Folk A Myrin and Katherine H. Myrin, h&w

LEASEHOLD: Walter Duncan
Vincent Duncan
Raymond Duncan

OGL 62-637
ASSN 65-374

DESCRIPTION: T2S,R3W Section 28: W $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 4-15-66

LESSOR: Gilbert J. Reno and Alvena M. Reno, h&w

LEASEHOLD: Sun Oil Company 50% WI
Shell Oil Company 50% WI

OGL 93-639
ASSN 143-104

DESCRIPTION: T2S,R3W Section 28: N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$

DATE: 9-21-70

LESSOR: Crocker National Bank

LEASEHOLD: Utex Oil Company

OGL 175-286
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-28-82

LESSOR: Martha G. Looney

LEASEHOLD: Petroex

OGL 188-128

DESCRIPTION: T2S,R3W Section 21: NW $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$

DATE: 1-1-82

LESSOR: Elvira Meeker

LEASEHOLD: Sohio Petroleum

OGL 199-717

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-19-85

LESSOR: Gilbert J. Reno and Alvena M. Reno, h&w

LEASEHOLD: Bow Valley Petroleum Inc. 50% WI

Asamera Oil (U.S.) Inc. 50% WI

OGI 93-639
ASSN 119-102
ASSN 123-415
ASSN 143-104

DESCRIPTION: T2S,R3W Section 29: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-21-70

SURFACE OWNERSHIP OF LANDS AFFECTED BY A 1/2 MILE RADIUS ARC EXTENDING FROM PROPOSED INJECTION WELL TO BE LOCATED IN T2S,R3W SECTION 21: 1462' FWL, 1390' FSL.

OWNER

MOON LAKE WATER USERS
No address of record

DESCRIPTION

Beg NE cor NW $\frac{1}{4}$ NE $\frac{1}{4}$, th W 355 ft, th SW'ly to pt 2640 ft E & 370 ft S of NW cor Sec 21, th NW'ly to pt 2350 ft E & 250 ft S of NW cor, th SW'ly to pt 2230 ft E & 475 ft S of NW cor, th NW'ly to pt 1580 ft E & 250 ft S of NW cor, th SW'ly to pt 1320 ft E & 465 ft S of NW cor of sec, th N to pt 385 ft S, th NW'ly to pt 985 ft E & 315 ft S of NW cor, th NW to a pt 900 ft E of NW cor on sec line, th W 900 ft to the NW cor, th S 473 ft, th SE'ly to pt 436 ft E of SW cor NW $\frac{1}{4}$ NW $\frac{1}{4}$, th E app 3510 ft to SE cor NW $\frac{1}{4}$ NE $\frac{1}{4}$, th N 1320 ft to POB.

ALSO: Beg NE cor SE $\frac{1}{4}$ NW $\frac{1}{4}$, th S app 1980 ft to HWY line, th NW along HWY to a pt 1109.95 ft S of SE cor NW $\frac{1}{4}$ NW $\frac{1}{4}$, th N 50 deg 56' W 100 ft, th W 192.59 ft, N 28 deg 43' W 676.05 ft, th N 61 deg 17' E 50 ft, th S 46 deg 48' E 108.1 ft, th N 82 deg 02' E 176.7 ft, th N 60 deg 41' E 43.7 ft, th N 70 deg 42' W 77.1 ft, th N 60 deg 27' W 117.8 ft, th N 70 deg 46' W 117.5 ft, th S 61 deg 17' W 100 ft, th N 28 deg 43' W 437.7 ft to 1/4 line, th E 2190 ft to POB.

Grant Hansen and Rita S. Hansen
St. Rt.
Bridgeland, Utah 84012

Beg at pt S 1109.95 ft N 50 deg 56' W 100 ft, W 192.59 ft & N 28 deg 43' W 676.05 ft from NE cor SW $\frac{1}{4}$ NW $\frac{1}{4}$, th N 61 deg 17' E 50 ft, th S 46 deg 48' E 108.1 ft, th N 82 deg 02' E 176.7 ft, th N 60 deg 41' E 43.7 ft, th N 70 deg 42' W 77.1 ft, th N 60 deg 27' W 117.8 ft, th N 70 deg 46' W 117.5 ft, th S 61 deg 17' W 100 ft, th S 28 deg 48' E 80 ft m/l to POB. (.7 acres)

WELL SITE Melvin White and Lola B. White, hw
St. Rt.
Bluebell, Utah 84007

Beg at SW cor Sec 21, th N 3750 ft m/l along W sec line to c/l of county road, th SE'ly 753 ft m/l along c/l & across HWY to pt S 1109.95 ft, N 50 deg 56' W 100 ft W 192.59 ft & N 28 deg 43' W 676.05 ft from NE cor SW $\frac{1}{4}$ NW $\frac{1}{4}$, th SE'ly 2700 ft m/l along W line to E line of W $\frac{1}{2}$ sec, th S slong said E line to the SE cor of said W $\frac{1}{2}$, W to S line, except that ptn of NW $\frac{1}{4}$ which lies E of HWY, and except a 10 acre parcel desc next below.

James A. Moser
Box 1722
Roosevelt, Utah 84066

Beg at intsctn of N'ly ROW line of HWY 87 & the 1/4 sec line of Sec 21, said intsctn being N 811.81 ft m/l from S $\frac{1}{4}$ cor Sec 21, th N along said $\frac{1}{4}$ sec line 865.80 ft m/l to Sand Wash Res bndry, th along said bndry 3 courses as follows: N 45 deg 47' W 350 ft, N 25 deg W 230 ft, N 53 deg 40' W 126.55 ft, S 1058.27 ft m/l to above HWY ROW, th SE'ly along arc of curve and adjning spiral curve to left 563 ft m/l to POB (10.066 ac)

Richard S. Johnson, et al ✓
320 S 300 E
Salt Lake City, Utah 84111

Section 21: N 600 ft of SE $\frac{1}{4}$ SE $\frac{1}{4}$

Ronald B. Mitchell and Nancy ✓
K. Mitchell, h&w
St. Rt. Box 107
Bluebell, Utah 84007

Beg at SW cor of SE $\frac{1}{4}$ SE $\frac{1}{4}$, N 720 ft, E 305 ft
S 720 ft, W 305 ft to POB (5 ac) (Section 21)

Myrin Ranch ✓
St. Rt.
Altamont, Utah 84001

Beg 16 rods W of SE cor NE $\frac{1}{4}$ Sec 20, th N 66.4
rods, N 68 deg 17' W 380.85 ft, N 66 ft, N 35
deg 31' W 183.4 ft, N 14.8 ft m/l to Co. rd,
84 rods W & 2024 ft m/l N to POB, th S 2024 ft,
th E 84 rods to Beg.

ALSO: Section 29: NE $\frac{1}{4}$ NE $\frac{1}{4}$
Section 28: NW $\frac{1}{4}$ NW $\frac{1}{4}$

Melvin White and Lola B. White, hw ✓
St. Rt.
Bluebell, Utah 84007

Section 28: NE $\frac{1}{4}$ NW $\frac{1}{4}$

Forest R. Clayburn and Joyleen ✓
Clayburn, h&w
Bridgeland, Utah 84012

Section 28: NW $\frac{1}{4}$ NE $\frac{1}{4}$, exc Beg NW cor NE $\frac{1}{4}$ NE $\frac{1}{4}$, W
300 ft, S 300 ft, E 300 ft, N 300 ft to Beg.

Redge Palmer and Amy Lou Palmer, hw ✓
Bluebell, Utah 84007

Beg. NW cor NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 28, th W 300 ft,
S 300 ft, E 300 ft, N 300 ft to POB.

Gene R. Kantack, Trustee ✓
2233 Leadville Avenue
Boise, Idaho 83706

Section 21: SW $\frac{1}{4}$ SE $\frac{1}{4}$

Lone Pine Ranch Estates Subdivision Lot 1:
c/o Grant Hansen
St. Route
Bridgeland, Utah 84012

Beg at NW cor SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 21, S 89 deg
46' 41" E 378.58 ft along N line SW $\frac{1}{4}$ NW $\frac{1}{4}$ to pt
on W ROW line HWY 87, th S 28 deg 43' E 364.82
ft along ROW, th S 22 deg 37' 22" W 187.53 ft
to c/l county road, th N 72 deg 49' 38" W
385.98 ft to W line of section, th N 0 deg 13'
22" E 231.51 ft along W line to POB.

State Park and Recreation Comm. ✓
State of Utah
State Capitol Bldg.
Salt Lake City, Utah

Beg at pt 1656.0 ft S of NE cor Section 21, th
S 986.95 ft to 1/4 sec line (N line of SE $\frac{1}{4}$) th
S 1100 ft, W 1200 ft, N 1100 ft to N line of
SE $\frac{1}{4}$, th N 113 ft, th N 50 deg 10' E 560 ft, th
N 128 ft, th N 73 deg W 640 ft, th N 17 deg E
200 ft, th S 73 deg E 700 ft, th S 29 deg 40'
E 138.2 ft, th N 60 deg 20' E 674.1 ft to POB.

LEASEHOLD OWNERSHIP AFFECTING LANDS WITHIN A 1/2 MILE RADIUS OF
THE PROPOSED INJECTION WELL 1-21B3. (SITE LOCATED 1462' FWL AND
1390' FSL, SECTION 21—T2S,R3W).

NOTE: All interest attributed to Shell Oil Company or Utex Oil Company
is subject to the following ownership breakdown:

✓ Utex Oil Company 1245 E Brickyard Road, Suite 600 Salt Lake City, Utah 84106	5%
✓ Convest Production Company 2401 Fountain View Drive, Ste 700 Houston, Texas 77057	10%
✓ Lehndorff/ LGB Minerals Inc. 2501 Cedar Springs, Ste. 340 Dallas, Texas 75201	5%
✓ Forcenergy, Inc. 640 Sunset Circle Key Biscayne, Florida 33149	5%
✓ W-Energy, Inc. 640 Sunset Circle Key Biscayne, Florida 33149	5%
✓ Texas Gas Exploration Corp. 2 Houston Center, Ste. 2000 909 Fannin Street Houston, Texas 77210-4326	20%
✓ ANR Limited, Inc. 5075 Westheimer, Suite 1100 Galleria Towers West Houston, Texas 77056	50%

ADDRESSES OF LEASEHOLD OWNERS:

- ✓ Petroex
5603 Chaucer
Houston, Texas
- ✓ SOHIO Petroleum
633 17th Street, Suite 2200
Denver, Colorado 80202
- ✓ Asamera Oil (U.S.) Inc.
4545 E 52nd Avenue
Denver, Colorado 80022
- ✓ Bow Valley Petroleum Inc.
1700 Broadway, Suite 900
Denver, Colorado 80290
- ✓ Fisher Oil and Gas Corp.
P.O. Box 262, Suite 6960
#1 First Canadian Place
Toronto, Ontario Canada M5X 1C9
- ✓ Shadowfax Resources, Ltd.
11 Adelaide Street West, Suite 700
Toronto, Ontario Canada
- ✓ Partnership Properties Company
717 17th Street
Denver, Colorado 80202
- ✓ Pennzoil United, Inc.
P.O. Drawer 1139
1860 Colorado State Bank Bldg.
Denver, Colorado 80201
- ✓ Sun Oil Company
P.O. Box 2039
Tulsa, Oklahoma 74102
- ✓ Walter Duncan, et al
1300 Writer's Center IV
1720 S Bellaire
Denver, Colorado 80222

LESSOR: Wayne Williams and Velda Williams, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓

Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 53-278
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: Beg at SE cor Sec 20, W 16 rd, N 66.4 rd, S 68 deg 17'
E 17.2 rd, th S 60 rd to beg.

DATE: 10-21-63

LESSOR: W. Grant Hansen and Rita S. Hansen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓

Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 53-470
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: NW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, less a 6.46 acre tract

DATE: 10-21-63

LESSOR: Folke A Myrin and Katherine H. Myrin, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓

Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 53-256
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$, metes & bounds

DATE: 10-16-63

LESSOR: Jesse Lewis Cheney and Charlene Cheney, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓
Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 53-593
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: NE $\frac{1}{4}$ SE $\frac{1}{4}$

DATE: 11-16-63

LESSOR: Agnes Jeanne Cheney

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓
Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 54-17
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: NE $\frac{1}{4}$ SE $\frac{1}{4}$

DATE: 11-16-63

LESSOR: Gilbert J. Reno and Alvena M. Reno, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓
Bow Valley Petroleum Inc. 62.5% ✓

OGL 53-523
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S,R3W Section 20: metes & bounds in SE $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-16-63

LESSOR: Briant H. Stringham and Lottie W. Stringham

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓
Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 54-521
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S, R3W Section 20: NE $\frac{1}{4}$ SE $\frac{1}{4}$

DATE: 10-21-63

LESSOR: Grant Hansen and Rita S. Hansen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 37.5% WI ✓
Bow Valley Petroleum Inc. 62.5% WI ✓

OGL 107-409
ASSN 119-102
ASSN 123-415
ASSN 143-104
ASSN 151-758

DESCRIPTION: T2S, R3W Section 20: Beg at pt 1650 ft S of NE cor Sec 20, th N 68 deg 17' W 664.65 ft, th N 66 ft, th S 69 deg 30' E 660 ft to pt on E line said sec, th S along sec line to POB.

DATE: 2-28-72

LESSOR: Samuel Williams and Agnes M. Williams, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓
Utex Oil Company 37.5% WI ✓
Fisher Oil and Gas Corp. 43.8017% WI ✓
Shadowfax Resources Ltd. 6.1983% WI ✓

OGL 53-230
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$

DATE: 10-10-63

LESSOR: Lester Hanson and Vera H. Gagon, Trustees

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 53-246
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-15-63

LESSOR: Wayne Williams and Velda Williams, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 53-278
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-21-63

LESSOR: George V. Kantack

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 53-408
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: S $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 11-4-63

LESSOR: Croff Oil Company

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 54-575
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 11-15-63

LESSOR: J.R. Robertson and Hazel M. Robertson, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 53-573
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-15-63

LESSOR: W.G. Hansen and Rita Hansen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 53-470
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-21-63

LESSOR: Crescent Oil and Gas Corp.

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓ OGL 54-263
Utex Oil Company 37.5% WI ✓ ASSN 143-104
Fisher Oil and Gas Corp. 43.8017% WI ✓ ASSN 163-693
Shadowfax Resources Ltd. 6.1983% WI ✓ ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$

DATE: 11-15-63

LESSOR: Lyle L. Kelly

LEASEHOLD: Bow Valley Petroleum Inc. ✓ OGL 75-563
ASSN 125-175

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 2-16-68

LESSOR: Bruce A. Hartman and Gladys E. Hartman, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓ OGL 85-47
Utex Oil Company 37.5% WI ✓ ASSN 143-104
Fisher Oil and Gas Corp. 43.8017% WI ✓ ASSN 163-693
Shadowfax Resources Ltd. 6.1983% WI ✓ ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 1-24-70

LESSOR: Central Utah Insurance Agency

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 85-50
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 1-22-70

LESSOR: Ora C. Berg and Lawrence F. Berg, w&h

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL85-104
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 1-27-70

LESSOR: Gwendolen T. Groo

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 85-313
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 2-13-70

LESSOR: Henry M. Grether and Grace Grether

LEASEHOLD: Shell Oil Company ✓

OGL 85-316
(NOT ASSIGNED)

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 2-12-70

LESSOR: R. Earl Dillman and Le Jeune Dillman, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓

OGL 85-649

Utex Oil Company 37.5% WI ✓

ASSN 143-104

Fisher Oil and Gas Corp. 43.8017% WI ✓

ASSN 163-693

ASSN 172-351

Shadowfax Resources Ltd. 6.1983% WI ✓

ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-19-70

LESSOR: S.G. Covey and Louise R. Covey, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓

OGL 85-631

Utex Oil Company 37.5% WI ✓

ASSN 143-104

ASSN 163-693

Fisher Oil and Gas Corp. 43.8017% WI ✓

ASSN 172-351

ASSN 172-404

Shadowfax Resources Ltd. 6.1983% WI ✓

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-16-70

LESSOR: DeAnne C. Cooper and F.B. Cooper, w&h

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-36
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 1-27-70

LESSOR: T.E. Jeremy and Rebecca D. Jeremy, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 85-637
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-16-70

LESSOR: Elizabeth Hinkle Buzzi, individually

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-209
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-23-70

LESSOR: Elizabeth Hinkle Buzzi, Trustee for four trusts

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-212
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-24-70

LESSOR: Nancy Hagny Mattingly

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-216
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-24-70

LESSOR: Don E. Woodward, Trustee

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-223
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-24-70

LESSOR: First National Bank in Albuquerque, Trustee

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-226
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-25-70

Miles Dillman and Helen Dillman, h&w, Naomi Lunt, Mary Eldredge, Dorothy Hunsaker,
LESSOR: Mildred Dillman, a widow, R. Earl Dillman and LeJeune Dillman, h&w

LEASEHOLD: Partnership Properties Co ✓	OGL 86-269
	ASSN 158-662

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 4-13-70

LESSOR: Daniel A. Sisk and Katherine B. Sisk

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-301
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-25-70

LESSOR: C. W. Carson and Ruth E. Carson

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-350
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-20-70

LESSOR: Nolan Noble

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-467
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-20-70

LESSOR: George B. Kohlert

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 86-469
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 1-22-70

LESSOR: Mabel Killeen

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-189
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-08-70

LESSOR: Gwendolen T. Groo

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-202
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: Louis E. Goff and Joyce R. Goff, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-202
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: Clair C. Larsen and Dora B. Larsen

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-236
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-5-70

LESSOR: Clarence E. Bowden and Marion R. Bowden, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-238
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-1-70

LESSOR: Theo W. Plescia

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-258
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI ✓	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-1-70

LESSOR: William H. Shand and Bernice P. Shand, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-260
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-1-70

LESSOR: Max Joehnke and Paula Joehnke, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 88-236
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-8-70

LESSOR: F. Martin Broberg and Juanita C. Broberg, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-262
Utex Oil Company	37.5% WI ✓	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-1-70

LESSOR: J.E. Noble and Ida F. Noble

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓ OGL 87-290
Utex Oil Company 37.5% WI ✓ ASSN 143-104
Fisher Oil and Gas Corp. 43.8017% WI ✓ ASSN 163-693
Shadowfax Resources Ltd. 6.1983% WI ✓ ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-20-70

LESSOR: Jan Kelly Cannon and Risher M. Thornton III, Co-Trustees

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI ✓ OGL 87-297
Utex Oil Company 37.5% WI ✓ ASSN 143-104
Fisher Oil and Gas Corp. 43.8017% WI ✓ ASSN 163-693
Shadowfax Resources Ltd. 6.1983% WI ✓ ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 3-19-70

LESSOR: Harry W. Roemer, Trustee

LEASEHOLD: Shell Oil Company ✓ OGL 87-306
(NO ASSIGNMENT)

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 4-21-70

LESSOR: William O. Knudsen and Catherine R. Knudsen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-405
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-7-70

LESSOR: William T. Kestler and Katharine Kestler, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-407
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-5-70

LESSOR: Rhoda Patience Fisher and W.G. Fisher, w&h

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI ✓	OGL 87-413
		ASSN 143-104
Utex Oil Company	37.5% WI ✓	ASSN 163-693
Fisher Oil and Gas Corp.	43.8017% WI ✓	ASSN 172-351
Shadowfax Resources Ltd.	6.1983% WI ✓	ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-15-70

LESSOR: A. Austin Smith and Belva M. Smith, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-485
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-18-70

LESSOR: Miriam Hubbard Burt

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-487
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-22-70

LESSOR: Leslie M. Eskuche

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-489
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-17-70

LESSOR: Le Roi Chadwick and Ruth H. Chadwick, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-497
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-12-70

LESSOR: Mabel Killeen

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-495
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-22-70

LESSOR: Julius S. Daniels and Mildred C. Daniels, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-483
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-17-70

LESSOR: Melvin R. Lowe and LaRue G. Lowe

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-553
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-16-70

LESSOR: W. Leo Knell and Charlene Knell, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-565
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-16-70

LESSOR: Earl B. Gaisford and Melya S. Gaisford, hw

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-567
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-15-70

LESSOR: Iris L. Mecham Brown

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGI 94-495
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 9-30-70

LESSOR: Harry W. Roemer

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGI 95-270
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-29-70

LESSOR: Henry M. Grether and Grace Grether, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGI 96-481
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-18-70

LESSOR: Melvin R. Lowe and LaRue G. Lowe

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-553
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-16-70

LESSOR: W. Leo Knell and Charlene Knell, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-565
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-16-70

LESSOR: Earl B. Gaisford and Melva S. Gaisford, hw

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-567
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-15-70

LESSOR: Garnet T. Rich

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-295
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 9-29-70

LESSOR: Raymond S. King and Elizabeth Ann King, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-417
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-12-70

LESSOR: Rhoda Patience Fisher and W.G. Fisher, w&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI
Utex Oil Company 37.5% WI
Fisher Oil and Gas Corp. 43.8017% WI
Shadowfax Resources Ltd. 6.1983% WI

OGL 94-549
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-12-70

LESSOR: Vincent M. Casey and Harriet C. Casey, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 88-619
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-8-70

LESSOR: John M. Hardy and Alva W. Hardy

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 90-162
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 5-15-70

LESSOR: Leland C. Stevenson and La Rue Stevenson, h&w

LEASEHOLD: Partnership Properties Co.		OGL 90-491
		ASSN 158-662

DESCRIPTION: T2S,R3W Section 21: Beg 473 ft S of NW c Section 21, th S 28 deg 43' along HWY 86 to S line of NWNW, th W 436 ft, th N 847 ft to POB.

DATE: 9-11-70

LESSOR: Ivan L. Collins and Laura B. Collins, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 88-293
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-12-70

LESSOR: A. Austin Smith and Belva M. Smith, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 88-404
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-5-70

LESSOR: Lotus Ivory

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 88-526
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-8-70

LESSOR: North American Resources Corp.

LEASEHOLD: Shell Oil Company

OGL 88-109
(NO ASSIGNMENT)

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 6-3-70

LESSOR: Margaret Block

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI

Utex Oil Company 37.5% WI

Fisher Oil and Gas Corp. 43.8017% WI

Shadowfax Resources Ltd. 6.1983% WI

OGL 88-246
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-8-70

LESSOR: Le Roi Chadwick and Rugh H. Chadwick, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc. 12.5% WI

Utex Oil Company 37.5% WI

Fisher Oil and Gas Corp. 43.8017% WI

Shadowfax Resources Ltd. 6.1983% WI

OGL 88-290
ASSN 143-104
ASSN 163-693
ASSN 172-351
ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-8-70

LESSOR: Letha C. Ham and La Dean Ham Stanley

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-549
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-6-70

LESSOR: Ray Arnold and Isabelle W. Arnold, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-552
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: William Howard Tibbals and Flora G. Tibbals, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-555
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S, R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: Gene-Lovern Burt Wooley and Miriam Hubbard Burt

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-445
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-13-70

LESSOR: W.E. Featherstone and Gertrude W. Featherstone, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-454
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: United Petroleum and Mining Corp.

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-614
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 2-4-70

LESSOR: Maj J. Sylvester

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-416
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-12-70

LESSOR: Julius S. Daniels and Mildred C. Daniels

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-427
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-12-70

LESSOR: Leslie M. Eskuche

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 87-430
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 5-1-70

LESSOR: W.E. Featherstone and Gertrude W. Featherstone, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-491
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-19-70

LESSOR: Herman Janssen and Frances Janssen, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-493
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-18-70

LESSOR: Louis E. Goff and Joyce R. Goff, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-499
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-12-70

LESSOR: Margaret E. Block and Laura B. Collins

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-501
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 10-12-70

LESSOR: D.M. Kemp and Fontella W. Kemp, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-511
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-23-70

LESSOR: J.G. Wedding and Clara Wedding, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-513
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-21-70

LESSOR: Robert James Cook and Evelyn N. Cook, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-515
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-27-70

LESSOR: A. Keate Cook and Pauline B. Cook, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-517
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-27-70

LESSOR: Charles Henry Cook and Garnita L. Cook, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-519
Utex Oil Company	37.5% WI	ASSN 143-104
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 163-693
Shadowfax Resources Ltd.	6.1983% WI	ASSN 172-351
		ASSN 172-404

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-27-70

LESSOR: Mrs. Mamie Boyland

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 96-523
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$

DATE: 10-15-70

LESSOR: Frank L. Cook and Margaret V.C. Cook, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 98-359
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-30-70

LESSOR: William Frank Kelsey and Ida Mae Kelsey, h&w

LEASEHOLD: Asamera Oil (U.S.) Inc.	12.5% WI	OGL 98-361
		ASSN 143-104
Utex Oil Company	37.5% WI	ASSN 163-693
		ASSN 172-351
Fisher Oil and Gas Corp.	43.8017% WI	ASSN 172-404
Shadowfax Resources Ltd.	6.1983% WI	

DESCRIPTION: T2S,R3W Section 21: N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$

DATE: 9-22-70

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

*Case 139-23
To Let For
COMMENT!*

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

AUG 06 1981 SWD
Single Zone Multiple Zone

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Samuel Williams

8. Farm or Lease Name

#1

9. Well No.

Sand Wash

10. Field and Pool, or Wildcat

21 T2S R3W

11. Sec., T., R., M., or Blk. and Survey or Area

Duchesne, Utah

2. Name of Operator

ASAMERA OIL (U.S.) INC.

DIVISION OF
OIL, GAS & MINING

3. Address of Operator

P.O. Box 118, Denver, Colorado 80201

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface

At proposed prod. zone

Wasatch Zone

14. Distance in miles and direction from nearest town or post office*

7 miles to Altamont

12. County or Parrish 13. State

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

16. No. of acres in lease

640

17. No. of acres assigned to this well

640

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

PBTD 13,974'

19. Proposed depth

20. Rotary or cable tools

21. Elevations (Show whether DF, RT, GR, etc.)

22. Approx. date work will start*

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
	20"		851	245 sx to sfc.
17"	13-2/8		1,546	940 sx to sfc
8 1/2"	7-5/8	26-29#	10,400	600 sx
6-1/8"	5 1/2" liner	15#	14,025-9,897.	circ w/700 sx

Proposed work to connect Williams #1 to SWD in Uinta Zone and Duchesne River Zone COOH with Hyd pumping equipment.
 Run bond log to find cement top behind 7-5/8" casing.
 Set CIBP above Green River perms (9000')
 Cement squeeze (SWD) Zone if necessary.
 Perforate Uinta Zone 4000' to 4700' and Duchesne River Formation 1700'-2500'.
 Run tubing and packer to test inject in SWD Zone.
 Acidize if necessary to clean up perms and any formation damage.
 Pressure test Annulus to 3000 psi.
 Install pressure recorder on Annulus (Tbg x csg) for permanent and continuous record.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed Carolyn Deary Title Senior Production Clerk Date 31 July 1981

(This space for Federal or State office use)

Permit No. Approval Date

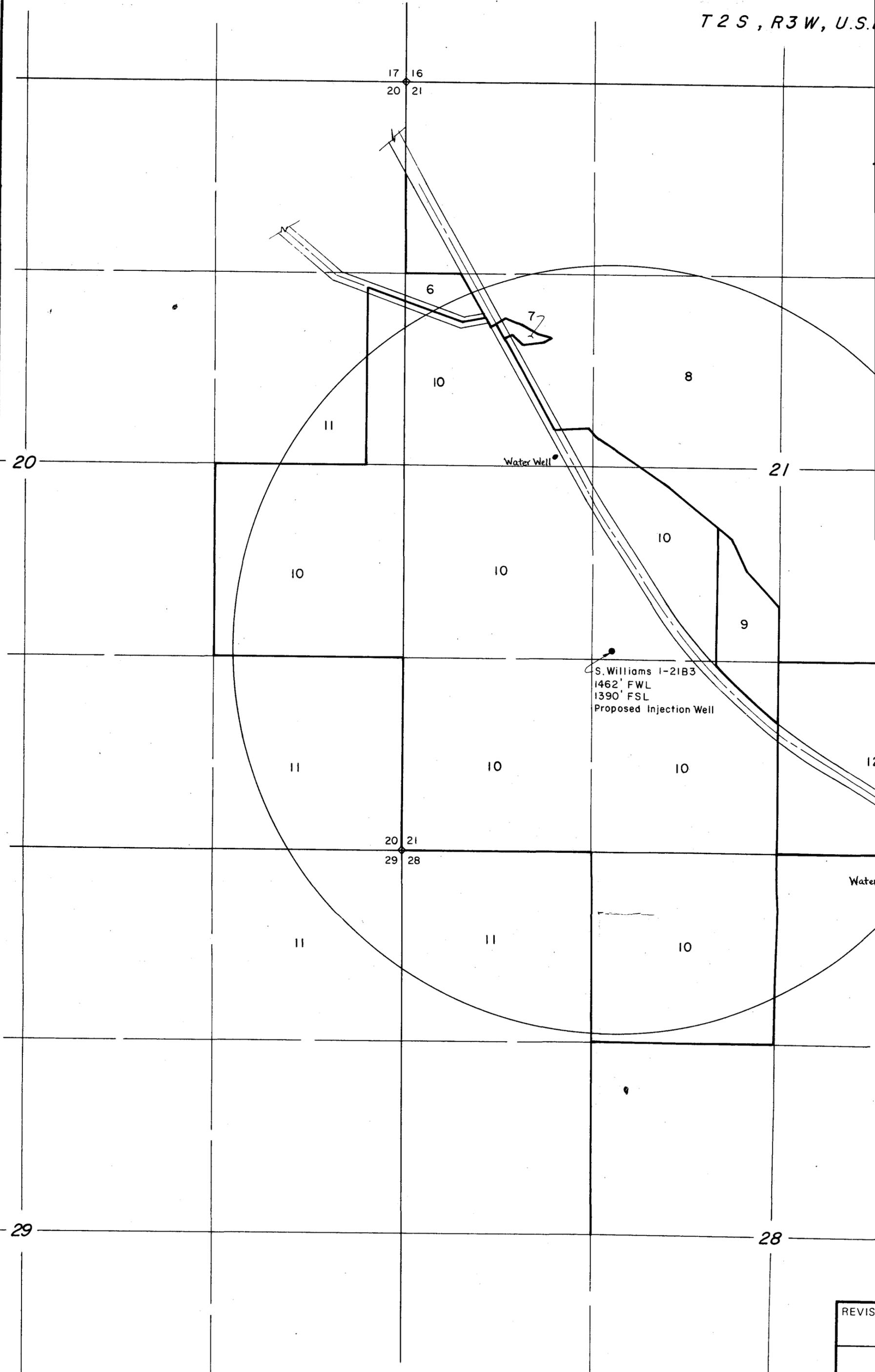
Approved by Title

Conditions of approval, if any:

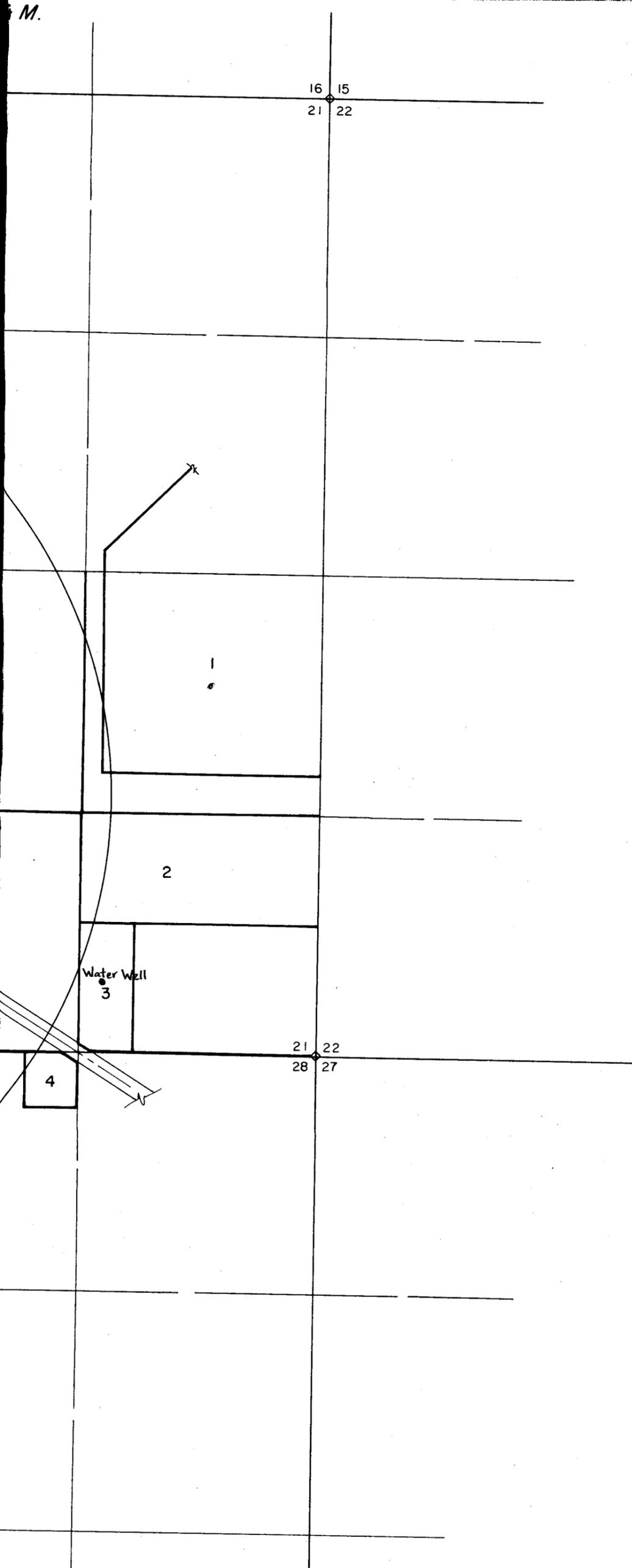
**APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE 12-14-81
BY: M. J. Menden**

*See Instructions On Reverse Side

2859



REVIS



- 1. State of Utah
- 2. Richard S. Johnson et. al.
- 3. Ronald Mitchell et. ux.
- 4. Redge Palmer et. ux.
- 5. Forest R. Clayburn
- 6. Lone Pine Ranch Estates Subdivision
- 7. Melvin B. White
- 8. Moon Lake Water Users
- 9. James A. Moser
- 10. Melvin B. White et. ux.
- 11. Myrin Ranch Inc.
- 12. Gene R. Kantack trustee

**BOW VALLEY PETROLEUM
LAND OWNERSHIP**

Utah Engineer & Land Surveying

DRAWER Q PHONE 789-1017
85 SOUTH 200 EAST VERNAL, UTAH 84078





ASAMERA OIL (U. S.) INC.

EXPLORATION - PRODUCTION
One Denver Place - Suite 355 - 999 18th Street - Denver, Colorado 80202

April 28, 1982

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attention: Debbie Beauregard

Re: **Samuel Williams Unit**
Section 21: T2S-R3W
W. Carrell Unit
Section 27: T2S-R3W
Duchesne County, Utah

Dear Ms. Beauregard:

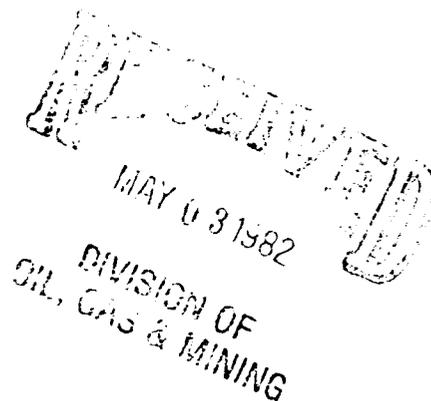
Effective July 13, 1981, 7:00 a.m., Mountain Daylight Time, **Utex Oil Company**, with offices at Suite 41-B, 4700 South 900 East, Salt Lake City, Utah 84117, became **successor in interest to Asamera Oil (U.S.) Inc.** and assumed all duties, obligations and responsibilities as operator of the above-referenced units.

Very truly yours,

ASAMERA OIL (U.S.) INC.

Janet L. Pike
Janet L. Pike
Landman

JLP/ns





ASAMERA OIL (U. S.) INC.

EXPLORATION - PRODUCTION
One Denver Place - Suite 355 - 999 18th Street - Denver, Colorado 80202

November 10, 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
Salt Lake City, Utah 84114

Attention: Thallia Pratt

Dear Ms. Pratt;

On July 31, 1981 application (Form OGC-1a) was made to the Utah Dept. of Natural Resources to recomplete the Samuel Williams #1 (21-T2S-R3W) as a salt water disposal well.

At the present work is being held up on this particular project. A De-salinization treatment system will soon be installed to determine if produced water can be effectively and economically handled via a treatment system as opposed to a well disposal system. After the de-salinization system performance has been evaluated, a decision will then be made whether to proceed with the re-completion of the Williams well. At that time Asamera will inform you of this decision.

Sincerely,

ASAMERA OIL (U.S.) INC.



Donald E. McChesney
Petroleum Engineer

cc: R. Hajicek
H. Austin

DEM:vb

RECEIVED

NOV 12 1982

DIVISION OF
OIL, GAS & MINING



Hinta Research and Analytical Services

291 East 200 North

WATER ANALYSIS REPORT

(801) 722-2532

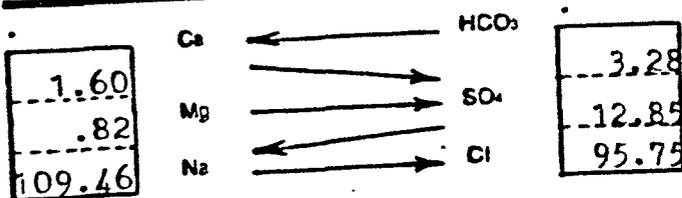
James F. Smith

COMPANY Bow Valley ADDRESS _____ DATE 8-13-81
 SOURCE Reary 1X-17A3 DATE SAMPLED _____ ANALYSIS NO. W-877
Sec. 17, T1S, R3W, Duchesne Co., Utah

1. PH 8.89
2. H₂S (Qualitative) _____
3. Specific Gravity 1.005
4. Dissolved Solids 6772.19
5. Suspended Solids 36
6. Phenolphthalein Alkalinity (CaCO₃) 328
7. Methyl Orange Alkalinity (CaCO₃) _____
8. Bicarbonate (HCO₃) _____
9. Chlorides (Cl) _____
10. Sulfates (SO₄) _____
11. Calcium (Ca) _____
12. Magnesium (Mg) _____
13. Total Hardness (CaCO₃) _____
14. Total Iron (Fe) _____
15. _____
16. Conductivity (mmhos) 15000
 *Milli equivalents per liter 7 @ 80 °F

	Mg/L		*Meq/L	
HCO ₃	<u>200</u>	+ 61	<u>3.28</u>	HCO ₃
Cl	<u>3399</u>	+ 35.5	<u>95.75</u>	Cl
SO ₄	<u>617</u>	+ 48	<u>12.85</u>	SO ₄
Ca	<u>32</u>	+ 20	<u>1.60</u>	Ca
Mg	<u>10</u>	+ 12.2	<u>.82</u>	Mg
	<u>120</u>			
	<u>.20</u>			

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20° C
Ca CO ₃	13 Mg/L
Ca SO ₄ · 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

Remarks: Carbon Dioxide = .41 mg/l

Compound	Equiv. Wt. X	Meq/L	Mg/L
Ca (HCO ₃) ₂	81.04	<u>1.60</u>	<u>129.66</u>
Ca SO ₄	68.07	<u>0</u>	<u>0</u>
Ca Cl ₂	55.50	<u>0</u>	<u>0</u>
Mg (HCO ₃) ₂	73.17	<u>.82</u>	<u>60.00</u>
Mg SO ₄	60.19	<u>0</u>	<u>0</u>
Mg Cl ₂	47.62	<u>0</u>	<u>0</u>
Na HCO ₃	84.00	<u>.86</u>	<u>72.24</u>
Na ₂ SO ₄	71.03	<u>12.85</u>	<u>912.74</u>
Na Cl	58.46	<u>95.75</u>	<u>5597.55</u>

Thank you for the business:



James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

COMPANY Bow Valley ADDRESS _____ DATE 8-13-81
 SOURCE Shiner #1-14A4 DATESAMPLED _____ ANALYSIS NO. W-876
Sec. 14, T15, R4W, Duchesne Co., Utah

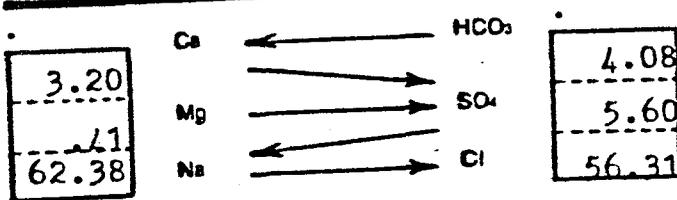
1. PH 9.04
2. H₂S (Qualitative) _____
3. Specific Gravity 1.000
4. Dissolved Solids 4018.46
5. Suspended Solids 48
6. Phenolphthalein Alkalinity (CaCO₃) _____
7. Methyl Orange Alkalinity (CaCO₃) 408
8. Bicarbonate (HCO₃) 249
9. Chlorides (Cl) 1999
10. Sulfates (SO₄) 269
11. Calcium (Ca) 64
12. Magnesium (Mg) 5
13. Total Hardness (CaCO₃) 180
14. Total Iron (Fe) _____
15. _____

	Mg/L		Meq/L	
HCO ₃	249	+ 61	4.08	HCO ₃
Cl	1999	+ 35.5	56.31	Cl
SO ₄	269	+ 48	5.60	SO ₄
Ca	64	+ 20	3.20	Ca
Mg	5	+ 12.2	.41	Mg
	180			
	1.0			

16 Conductivity: _____
 *Milli equivalents per liter

mmHos 11000
 Resistivity .85 @ 80 °F

PROBABLE MINERAL COMPOSITION



Saturation Values	Distilled Water 20° C
Ca CO ₃	13 Mg/L
Ca SO ₄ · 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

Remarks: Carbon Dioxide = .36 mg/l

Compound	Equiv. Wt X	Meq/L	Mg/L
Ca (HCO ₃) ₂	81.04	3.20	259.53
Ca SO ₄	68.07	0	0
Ca Cl ₂	55.50	0	0
Mg (HCO ₃) ₂	73.17	.41	30.00
Mg SO ₄	60.19	0	0
Mg Cl ₂	47.62	0	0
Na HCO ₃	84.00	.47	39.48
Na ₂ SO ₄	71.03	5.60	397.77
Na Cl	58.46	56.31	3291.8E

Thank you for the business:



Hinta Research and Analytical Services

291 East 200 North

James F. Smith

WATER ANALYSIS REPORT

(801) 722-2532

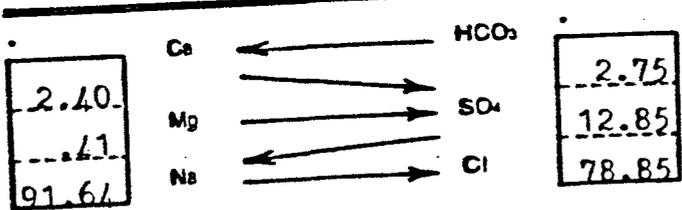
COMPANY Bow Valley ADDRESS _____ DATE 8-13-84
 SOURCE Rust #2-22 A4 DATE SAMPLED _____ ANALYSIS NO. W-887
Sec. 22, T1S, R4W, Duchesne Co., Utah

1. PH 8.91
2. H₂S (Qualitative) 0.00
3. Specific Gravity 1.000
4. Dissolved Solids 5741.76
5. Suspended Solids 28
6. Phenolphthalein Alkalinity (CaCO₃) 276
7. Methyl Orange Alkalinity (CaCO₃) 168
8. Bicarbonate (HCO₃) 61
9. Chlorides (Cl) 2799
10. Sulfates (SO₄) 617
11. Calcium (Ca) 48
12. Magnesium (Mg) 5
13. Total Hardness (CaCO₃) 140
14. Total Iron (Fe) .6
15. _____

	Mg/L		Meq/L	
HCO ₃	168	+	61	2.75
Cl	2799	+	35.5	78.85
SO ₄	617	+	48	12.85
Ca	48	+	20	2.40
Mg	5	+	12.2	.41
	140			
	.6			

16 Conductivity: _____ mmHos 13500 spcm: _____
 *Milli equivalents per liter
Resistivity: 85 @ 76 °F

PROBABLE MINERAL COMPOSITION



Saturation Values Distilled Water 20°C
 Ca CO₃ 13 Mg/L
 Ca SO₄ · 2H₂O 2.090 Mg/L
 Mg CO₃ 103 Mg/L

Remarks: Carbon Dioxide = .33 mg/l

Compound	Eqv. WL X	Meq/L	Mg/L
Ca (HCO ₃) ₂	81.04	<u>2.40</u>	<u>194.50</u>
Ca SO ₄	68.07	<u>0</u>	<u>0</u>
Ca Cl ₂	55.50	<u>0</u>	<u>0</u>
Mg (HCO ₃) ₂	73.17	<u>.35</u>	<u>25.61</u>
Mg SO ₄	60.19	<u>.06</u>	<u>3.61</u>
Mg Cl ₂	47.62	<u>0</u>	<u>0</u>
Na HCO ₃	84.00	<u>0</u>	<u>0</u>
Na ₂ SO ₄	71.03	<u>12.79</u>	<u>908.17</u>
Na Cl	58.46	<u>78.85</u>	<u>4609.57</u>

Thank you for the business:



WATER ANALYSIS REPORT

(801) 722-2532

James F. Smith

COMPANY Bow Valley ADDRESS _____ DATE: 8-13-84
 SOURCE Site 1-26 A/ DATE SAMPLED _____ ANALYSIS NO. W-885
Sec. 26, T1S, R4W, Duchesne Co., Utah

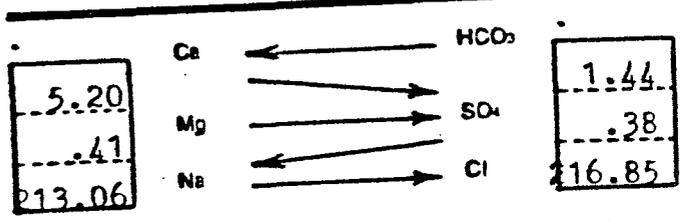
- 1. PH 9.06
- 2. H₂S (Qualitative) _____
- 3. Specific Gravity 1.000
- 4. Dissolved Solids _____
- 5. Suspended Solids _____
- 6. Phenolphthalein Alkalinity (CaCO₃) _____
- 7. Methyl Orange Alkalinity (CaCO₃) _____
- 8. Bicarbonate (HCO₃⁻) _____
- 9. Chlorides (Cl⁻) _____
- 10. Sulfates (SO₄⁻²) _____
- 11. Calcium (Ca) _____
- 12. Magnesium (Mg) _____
- 13. Total Hardness (CaCO₃) _____
- 14. Total Iron (Fe) _____
- 15. _____

	Mg/L		*Meq/L	
	<u>12805.10</u>			
	<u>28</u>			
	<u>144</u>			
HCO ₃ ⁻	<u>88</u>	+ 61	<u>1.44</u>	HCO ₃ ⁻
Cl ⁻	<u>7698</u>	+ 35.5	<u>216.85</u>	Cl ⁻
SO ₄ ⁻²	<u>18</u>	+ 48	<u>.38</u>	SO ₄ ⁻²
Ca	<u>104</u>	+ 20	<u>5.20</u>	Ca
Mg	<u>5</u>	+ 122	<u>.41</u>	Mg
	<u>280</u>			
	<u>.8</u>			

16. Conductivity : _____
 *Milli equivalents per liter

mmHos 22000
 Resistivity .5 @ 80 °F

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt. X	Meq/L	Mg/L
Ca (HCO ₃) ₂	81.04	<u>1.44</u>	<u>116.70</u>
Ca SO ₄	68.07	<u>.38</u>	<u>25.87</u>
Ca Cl ₂	55.50	<u>3.38</u>	<u>187.59</u>
Mg (HCO ₃) ₂	73.17	<u>0</u>	<u>0</u>
Mg SO ₄	60.19	<u>0</u>	<u>0</u>
Mg Cl ₂	47.62	<u>.41</u>	<u>19.52</u>
Na HCO ₃	84.00	<u>0</u>	<u>0</u>
Na ₂ SO ₄	71.03	<u>0</u>	<u>0</u>
Na Cl	58.46	<u>213.06</u>	<u>12455.40</u>

Saturation Values Distilled Water 20°C
 Ca CO₃ 13 Mg/L
 Ca SO₄·2H₂O 2,090 Mg/L
 Mg CO₃ 103 Mg/L

Remarks: Carbon Dioxide = .12 mg/l

Thank you for the business:

**SOONER
CHEMICALS**

SOONER CHEMICAL SPECIALTIES, INC.
Post Office Box 1436 Roosevelt, Utah 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

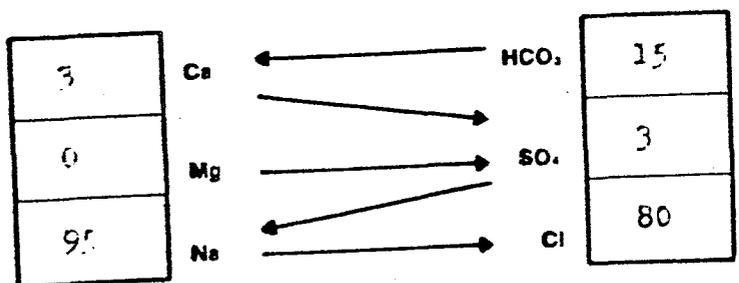
COMPANY Gov Valley ADDRESS _____ DATE: 2-20-85
SOURCE Miles 1-20A4 DATE SAMPLED 2-12-85 ANALYSIS NO. 1735
Sec. 20, T1S, R4W, Duchesne Co., Utah
Mg/l (ppm) Meq/l

- 1. PH 7.9
- 2. H₂S (Qualitative) _____
- 3. Specific Gravity 1.007
- 4. Dissolved Solids _____
- 5. Suspended Solids _____
- 6. Anaerobic Bacterial Count _____ C/MI
- 7. Methyl Orange Alkalinity (CaCO₃) 760
- 8. Bicarbonate (HCO₃) _____
- 9. Chlorides (Cl) _____
- 10. Sulfates (SO₄) _____
- 11. Calcium (Ca) _____
- 12. Magnesium (Mg) _____
- 13. Total Hardness (CaCO₃) _____
- 14. Total Iron (Fe) _____
- 15. Barium (Qualitative) _____
- 16. Phosphate Residuals _____

HCO ₃	972	+61	15	HCO ₃
Cl	2832	+35.5	80	Cl
SO ₄	150	+48	3	SO ₄
Ca	24	+20	1	Ca
Mg	0	+12.2	0	Mg
	45			
	0.4			
	0			

*MHU equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	Mg/l
Ca (HCO ₃) ₂	81.04		3	243
Ca SO ₄	68.07			
Ca Cl ₂	55.50			
Mg (HCO ₃) ₂	73.17			
Mg SO ₄	60.19			
Mg Cl ₂	47.62			
Na HCO ₃	84.00		12	1008
Na ₂ SO ₄	71.03		3	213
Na Cl	58.46		80	4677

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS Resistivity = 1.280 ohm-meter at 70° F.



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
 P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9763
 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

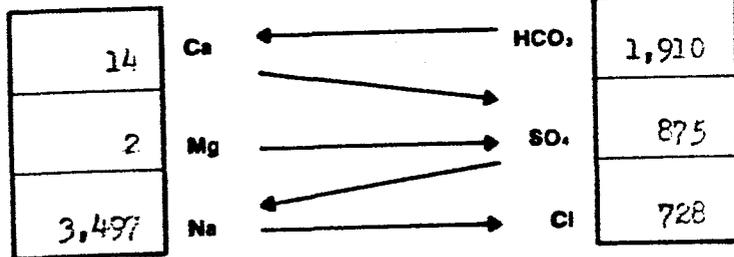
COMPANY Bow Valley ADDRESS Roosevelt, Utah DATE: 3-13-85

SOURCE Farnsworth 1-18A4 DATE SAMPLED 3-13-85 ANALYSIS NO. 1756
Sec. 18, T1S, R4W, Duchesne Co., Utah

Analysis	Mg/l (ppm)	*Meq/l
1. PH	9.8	
2. H ₂ S (Qualitative)	None Detected (Ammonia Interference)	
3. Specific Gravity	1.0550	
4. Dissolved Solids	171,000	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO ₃)	95,500	
8. Bicarbonate (HCO ₃)	116,510	+61 1,910 HCO ₃
9. Chlorides (Cl)	25,842	+35.5 728 Cl
10. Sulfates (SO ₄)	42,000	+48 875 SO ₄
11. Calcium (Ca)	280	+20 14 Ca
12. Magnesium (Mg)	29	+12.2 2 Mg
13. Total Hardness (CaCO ₃)	400	
14. Total Iron (Fe)	1.2	
15. Barium (Qualitative)	0	
16. Phosphate Residuals	0	

*Milli equivalents per liter

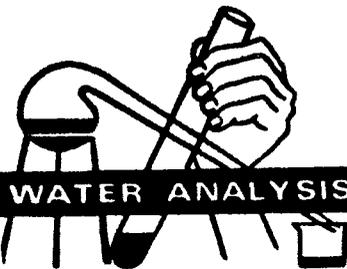
PROBABLE MINERAL COMPOSITION



Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		14		1,135
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		2		146
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		1,894		159,096
Na ₂ SO ₄	71.03		875		62,151
Na Cl	58.46		728		42,559

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS Resistivity = 0.161 Ohm Meters @ 78 °F



WATER ANALYSIS REPORT

SERVICE LABORATORY: Vernal, Utah Ph. 789-4327



P.O. Box 752 - Vernal, Utah 84078

CHEMICAL WITH SERVICE

REPORT FOR	CHUCK GARDNER	DATE SAMPLED	7/29/85
CC	Wayne Lee	DATE REPORTED	7/30/85
CC	Claude Crozier	FIELD, LEASE, OR WELL	
CC	Mark Wagner - Denver	COUNTY	Duchesne STATE Utah
COMPANY	BOW VALLEY EXPLORATION	FORMATION	
ADDRESS	P. O. Box 130, Roosevelt, UT 84066	DEPTH	
SERVICE ENGINEER	Gil Burkman	SUBMITTED BY	Gil Burkman

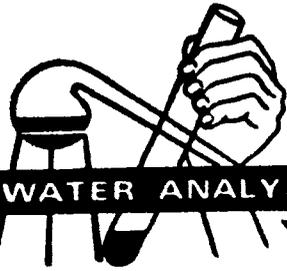
CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Field, Lease, or Well

Chemical Component	WG Hansen1-23B3 Section 23, T2S, R3W, Duchesne County, Utah				
Chloride (Cl)	7,000				
Iron (Fe)	-				
Total Hardness (Ca CO ₃)	600				
Calcium (Ca)	120				
Magnesium (Mg)	73				
Bicarbonate (HCO ₃)	1,610				
Carbonate (CO ₃)	Ø				
Sulfate (SO ₄)	Ø				
Hydrogen Sulfide (H ₂ S)	-				
Barium (BA)	-				
Specific Gravity	1.007				
Density, lb./gal.	-				
pH - Beckman (X) Strip ()	6.3				

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

REPORTED BY L Campbell TITLE Lab Technician



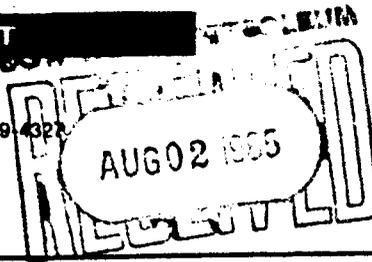
WATER ANALYSIS REPORT

SERVICE LABORATORY: Vernal, Utah Ph. 789-4322



P.O. Box 752 - Vernal, Utah 84078

CHEMICAL WITH SERVICE



REPORT FOR	CHUCK GARDNER	DATE SAMPLED	7/29/85
CC	Wayne Lee	DATE REPORTED	7/30/85
CC	Claude Crozier	FIELD, LEASE, OR WELL	
CC	Mark Wagner - Denver	COUNTY	Duchesne STATE Utah
COMPANY	BOW VALLEY EXPLORATION	FORMATION	
ADDRESS	P. O. Box 130, Roosevelt, UT 84066	DEPTH	
SERVICE ENGINEER	Gil Burkman	SUBMITTED BY	Gil Burkman

CHEMICAL ANALYSIS (AS PARTS PER MILLION)

Field, Lease, or Well

Chemical Component	Dustin 1-22B3 Section 22, T2S, R3W, Duchesne County, Utah				
Chloride (Cl)	7,000				
Iron (Fe)	-				
Total Hardness (Ca CO ₃)	800				
Calcium (Ca)	200				
Magnesium (Mg)	73				
Bicarbonate (HCO ₃)	1,380				
Carbonate (CO ₃)	∅				
Sulfate (SO ₄)	∅				
Hydrogen Sulfide (H ₂ S)	-				
Barium (BA)	-				
Specific Gravity	1.005				
Density, lb./gal.	-				
pH - Beckman [] Strip []	8.2				

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

REPORTED BY L Campbell

TITLE Lab Technician

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE I-5 & RULE I-4)

RECEIVED

FORM NO. DOGM-UIC-1
 (Revised 1982)

OCT 09 1985

IN THE MATTER OF THE APPLICATION OF
Bow Valley Petroleum, Inc.
 ADDRESS P O Drawer 130
Roosevelt, Utah ZIP 84066
 INDIVIDUAL PARTNERSHIP CORPORATION XX
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE Williams 1-21B3 WELL
 SEC. 21 TWP. 2S RANGE 3W
Duchesne COUNTY, UTAH

CAUSE NO. _____ DIVISION OF OIL
 GAS & MINING

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>Williams</u>	Well No. <u>1-21B3</u>	Field <u>Altamont</u>	County <u>Duchesne</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE 1/4 SW 1/4</u> Sec. <u>21</u> Twp. <u>2S</u> Rge. <u>3W</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test (will be) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>150'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	State What	
Location of Injection Source(s) <u>Altamont Field Duchesne County</u>	Geologic Name(s) and Depth of Source(s) <u>Green River 11854 - 12546 Wasatch 13604 - 18700</u>		
Geologic Name of Injection Zone <u>Lower Uinta</u>	Depth of Injection Interval <u>6120'</u> to <u>6170'</u> <u>4646' - 6170' Amended</u>		
a. Top of the Perforated Interval: <u>6120'</u>	b. Base of Fresh Water: <u>150'</u>	c. Intervening Thickness (a minus b) <u>5970'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Shale with sandstone stringers</u>			
Injection Rates and Pressures Maximum _____ <u>4000</u> B/D _____ <u>1500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>(See Attached list)</u>			

State of Utah
 County of Uintah

Bow Valley Petroleum, Inc.
 Applicant

By Michelle L. Cochran
 Before me, the undersigned authority, on this day personally appeared known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 30th day of September, 19 85

SEAL

My commission expires 7-15-89

Sandra M. Collins
 Notary Public in and for Uintah County

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface					
Intermediate					
Production					
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval		Depth - Base of Inj. Interval	

(To be filed within 30 days after drilling is completed)

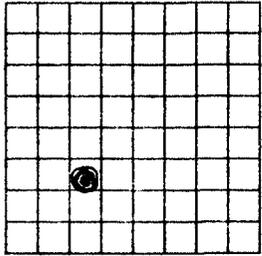
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY Duchesne SEC. 21 TWP. 2S RGE. 3W
COMPANY OPERATING Bow Valley Petroleum, Inc.
OFFICE ADDRESS P O Drawer 130
TOWN Roosevelt STATE ZIP Utah 84066
FARM NAME S. Williams WELL NO. 1-21B3
DRILLING STARTED 8/31 1972 DRILLING FINISHED 11/15 1972
DATE OF FIRST PRODUCTION 12-29-72 COMPLETED 12-01-72
WELL LOCATED SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$
1390 FT. FROM SW OF $\frac{1}{4}$ SEC. & 1462 FT. FROM WL OF $\frac{1}{4}$ SEC.
ELEVATION DERRICK FLOOR _____ GROUND _____

TYPE COMPLETION

Single Zone _____
Multiple Zone Wasatch completed then plugged back & Green River completed
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Upper Green River	9175	10331			
Lower Green River	10524	10892			
Wasatch	11005	13138			
Lower Wasatch	13188	13904			

CASING & CEMENT

Casing Set				Ceg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sex	Fillup	Top
13 3/8"	61#	K-55	1546'		950 "I" G		Surface
7 5/8"	26&29#	N-80	10400'		850 "I" G		Surface
5 1/2"	18#	N-80	4128'		700 "G"		6586'

TOTAL DEPTH 14025'

PACKERS SET DEPTH 13145', CIBP @ 10940', Baker Lok-set @ 9104'

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Wasatch	Lower Green River	Upper Green River	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	13958-13559	10892'-10524'	10331'-9175'
PERFORATED	13530-13240	(34 holes)	(71 holes)
INTERVALS	13138-12184		
	11925-10772		
ACIDIZED?	15% HCl 12000 Gal 15% HCl 12000 Gal	Acidized w/ 10,000 Gal	Acidized w/ 7800 Gal
	15% HCl 20000 Gal 15% HCl 10800 Gal	15% HCl "	"
FRACTURE TREATED?			

INITIAL TEST DATA

Date	1-1-73		
Oil, bbl./day	1502		
Oil Gravity	44.5		
Gas, Cu. Ft./day	1351 m CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	900/1		
Water-Bbl./day	-		
Pumping or Flowing	Flowing		
CHOKE SIZE	15/64		
FLOW TUBING PRESSURE	3000		

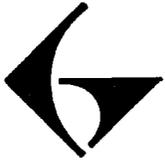
A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone _____
Name and title of representative of company _____

Subscribed and sworn before me this 30th day of September, 19 85

Sandra M. Collins
My Commission expires 7-15-89
Utah County



Bow Valley Petroleum Inc.

P.O. Drawer 130, Roosevelt, Utah 84066

1-303-861-4366
Telephone: (801) 722-5166
September 4, 1985

Division of Oil, Gas, & Mining
UIC Department
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RE: Disposal Well Application
S. Williams 1-21B3
Section 21, T2S, R3W
Duchesne County, Utah

RECEIVED

OCT 09 1985

DIVISION OF OIL
& MINING

ATTENTION: Gill Hunt
Gentlemen,

Enclosed please find an application to convert the above referenced well for use as a salt water injection well.

The well was drilled and completed in the Wasatch Formation in 1972. Wasatch production continued with an average daily production of 10 B0/500 BW until September 1978, when the Wasatch was plugged back and the Lower Green River Formation 10,892 - 10524 was perforated and acidized for an average daily production of 2 B0/70 BW. In October 1979 the Lower Green River was plugged back and Upper Green River completed from 10331' - 9175' for 0 B0/0 BW. The well has been temporarily abandoned since that time.

Bow Valley is proposing injection into the Lower Uintah Formation between 6120 and 6170 feet. This is above the current cement top @ 8740 feet. The injection zone will be cemented for isolation following plug back of the existing perforations. A procedure is attached. The State will be provided with all cementing, cement bondlogs, casing integrity, and injection tests prior to beginning injection operations.

Injection rates and pressures will be controlled by surface pumps, rotary volume meters, and electronic tank level devices. Each system will have a settling tank, suction tank, filter system and emergency pit prior to injection operations.

All water analysis, both fresh water sources and disposal water sources, are enclosed or will be provided as soon as available.

Fresh water quality and wellbore integrity will be monitored regularly as required under state regulations.

If you require additional information please contact the undersigned.

Sincerely,

Mike Rivera
Sr. District Engineer

rr
Attachments



Disposal Well Application
S. WILLIAMS 1-21B3
Section 21, T2S, R3W
Duchesne County, Utah

CONTINGENCY PLAN FOR WELL-SHUT INS OR WELL FAILURES:

1. If the injection well is shut in for testing, acidizing or other reasons, disposal fluids will be hauled by truck to approved disposal facilities.
2. If it is discovered that fresh water sources are being affected, injection operations will cease immediately and the well shut-in. Pressure testing, production logs, work-overs, and chemical analysis will be performed to determine if the well can be repaired. If well integrity cannot be guaranteed operations will cease and the well will be plugged and abandoned.
3. If a well failure is detected by surface control devices, the same procedures outlined above will be performed until the repairs are made.



Bow Valley Petroleum Inc.

Williams 1-21B3
Section 21, T2S, R3W
Duchesne County, Utah
Workover Procedure

1. Check well for pressure. Bleed off same.
2. MIRUSU. HU pumps. Circulate well clean w/formation water.
3. NDWH. NUBOPE w/2 3/8" offset rams. Test same.
4. Release 2 3/8" vent string. POH and LD.
5. Replace 2 3/8" rams with 2 7/8" rams. Test same.
6. Release Baker Loc-Set retrievable casing packer at 9104'.
7. POOH and LD all 2 7/8" - 6.5#/ft N-80 Hydril tbg.
8. RU casing jacks.
9. RUWL unit. RIH w/free point tools for 7 5/8" casing.
10. If casing is 50% free at 7000', PU cut-off tool and shoot off casing at 7000'. If casing is not free, go to step 16.
11. POOH and LD used 7 5/8" casing.
12. RU casing crew. PU float type guide shoe, 1 jt 7 5/8" casing, differential fill float collar, and approximately 6700' sandblasted 7 5/8"-26#/ft N-80, LT&C casing.
13. Land casing at 6750'. Wash and circulate to bottom if necessary.
14. Circulate hole until returns are free of old mud and/or cement.
15. RU cementers and cement as per design to follow. Go to step 30.
16. If casing is not free, PU and TIH w/cement retainer for 7 5/8" 29#/ft casing on 2 7/8" EUE-8rd 6.5#/ft tubing.
17. Set retainer at 9150'±. Pressure test backside to 1000psi.
18. Sting out of retainer. Spot 250 sx class "H" cement w/additives to 8500'. Sting into retainer.
19. Squeeze cement through perfs at 9175'-10,331'. Displace cement to just below cement retainer.
20. Sting out of retainer and reverse circulate BU on top of retainer.
21. POOH w/tubing. WOC 6 hours.
22. Pressure test squeeze to 2000 psi.

Williams 1-21B3
Workover Procedure
Page 2

23. RU WL. Run GR-CBL-CCL from retainer to top of cement. If squeeze cementing is required, go to next step. If not, go to step 31.
24. RUWL to perforate. PU 5" casing gun loaded 4pjspf. Shoot interval as directed from Denver.
25. PU and TIH w/cement retainer. Set retainer 100' above squeeze perms.
26. RU cementers. Sting out of retainer. Spot 400 sx class "H" neat w/ additives to within 500' of retainer.
27. Sting into retainer. Squeeze cement into perms. Displace to retainer.
28. Sting out of retainer. POOH 2 stands. Reverse circulate until returns are clean.
29. WOC 6 hours.
30. Pressure test squeeze to 2000 psi.
31. PU 5" casing guns loaded 2pjspf 180° phased. TIH and perforate 6120'-6170'.
32. PU new Baker loc-set dressed for 7 5/8" casing and appropriate weight.
33. TIH on 2 7/8" tubing. Set packer at 6070'±.
34. Pressure test backside to 3000 psi.
35. HU pumps and to injection test w/500bbl clean formation water. Report rates and pressures to Denver. Minimum rate 3BPM, maximum pressure 4000 psig.
36. NDBOPE. NUWH.
37. If necessary, acidize as instructed.
38. Perform injectivity test w/500bbl clean formation water. Report results. Minimum rate 3BPM, maximum pressure 4000 psig.
39. RDMOSU.
40. HU production facilities as instructed.

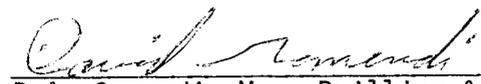
Recommended:


Mark Wagner, Sr. District Engineer

Approved:


L.L. Bridges, Manager Exploration

Approved:


D.A. Gomendi, Mgr. Drilling & Prod.

Approved:


S.R. Gray, Vice President & Gen. Mgr.

**SOONER
CHEMICALS**

SOONER CHEMICAL SPECIALTIES, INC.
Post Office Box 1436 Roosevelt, Utah 84066 Phone (801) 722-3386

WATER ANALYSIS REPORT

COMPANY Bow Valley ADDRESS _____ DATE: 6-4-84

SOURCE J. Tidwell #1-3A4 DATE SAMPLED 5-22-84 ANALYSIS NO. 1554
Sec. 3, T1S, R4W, Duchesne Co., Utah

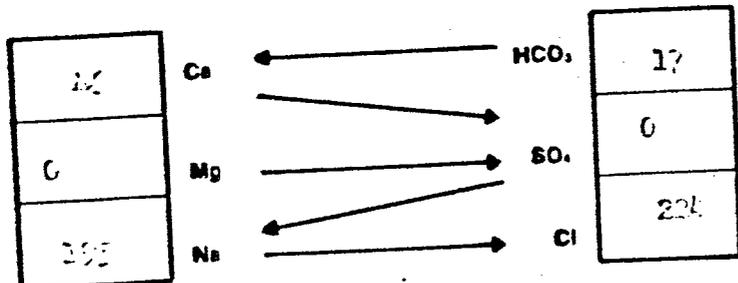
1. PH 8.5
2. H₂S (Qualitative) 1.5
3. Specific Gravity 1.001
4. Dissolved Solids _____
5. Suspended Solids _____
6. Anaerobic Bacterial Count _____ C/MI
7. Methyl Orange Alkalinity (CaCO₃) _____
8. Bicarbonate (HCO₃) _____
9. Chlorides (Cl) _____
10. Sulfates (SO₄) _____
11. Calcium (Ca) _____
12. Magnesium (Mg) _____
13. Total Hardness (CaCO₃) _____
14. Total Iron (Fe) _____
15. Barium (Qualitative) _____
16. Phosphate Residuals _____

	Mg/l (ppm)		Meq/l	
HCO ₃	1040	+61	17	HC
Cl	795	+35.5	224	
SO ₄	0	+48	0	
Ca	924	+20	45	
Mg	0	+12.2	0	
	1140			
	10			
	0			
	10			

RECEIVED
OCT 09 1985
DIVISION OF OIL
GAS & MINING

PROBABLE MINERAL COMPOSITION

*Milli equivalents per liter



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		17		1372
Ca SO ₄	68.07				
Ca Cl ₂	55.50		20		1610
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00				
Na ₂ SO ₄	71.03				
Na Cl	58.46		195		1134

Saturation Values Distilled Water 20°C

Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS Resistivity = 1.080 ohm-meter at 25°C



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Northern Frontier Governor
Dee C. H. ... Executive Director
Dianne R. Nelson, Ph.D. Division Director

355 W. North Temple • 3rd Floor Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 17, 1985

Mr. Mike Rivera, Sr. District Engineer
Bow Valley Petroleum Incorporated
P.O. Drawer 130
Roosevelt, Utah 84066

Attn: Michelle Mecham

Dear Mr. Rivera:

RE: Disposal Well Application, S. Williams 1-21B3, Township 2 South,
Range 3 West, Section 21, Duchesne County, Utah

I am recommending that public notice be given for conditional approval of the above referenced application. This approval will stipulate that an attempt to obtain a representative formation fluid sample will be made by swabbing prior to commencing injection. The sample should then be analyzed for total dissolved solids and the results provided to the Division so a determination can be made whether an aquifer exemption is necessary.

If you have any questions concerning this action, please call.

Sincerely,

Gil Hunt
Geologist
Underground Injection Control Program

mfp
0156U-40

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-070
OF BOW VALLEY PETROLEUM, INC., :
FOR ADMINISTRATIVE APPROVAL OF :
THE WILLIAMS 1-21B3 WELL, LOCATED :
IN SECTION 21, TOWNSHIP 2 SOUTH, :
RANGE 3 WEST, DUCHESNE COUNTY, :
UTAH, U.S.M., AS A SALTWATER :
DISPOSAL WELL :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P.O.
Drawer 130, Roosevelt, Utah 84066, has requested administrative
approval of the Williams 1-21B3 well, located 1462' FWL and 1390' FSL
(NESW) of Section 21, Township 2 South, Range 3 West, Duchesne County,
Utah as a saltwater disposal well.

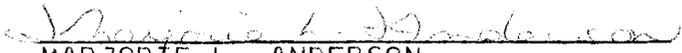
The proposed operating data for the well is as follows:

Injection Interval: Lower Uinta Formation 6120' to 6170'
Maximum Estimated Surface Pressure: 1500 psig
Maximum Estimated Gas Injection Rate: 4000 BHPD

Conditional approval of this application will be granted unless
objections are filed with the Division of Oil, Gas and Mining within
fifteen days after publication of this Notice. Objections, if any,
should be mailed to the Division of Oil, Gas and Mining, Attention:
UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350,
Salt Lake City, Utah 84180-1203.

DATED this 18th day of October, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203

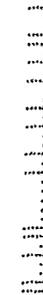
*For
12-22-99*



FISHER OIL AND GAS CORP.
PO BOX 262 SUITE 6960
#1 FIRST CANADIAN PLACE
TORONTO ONTARIO CANADA

Not a valid address

WALTER DUNCAN, ET AL
1300 WRITER'S CENTER IV
1720 S BELLAIRE
DENVER CO 80222



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114

RECEIVED

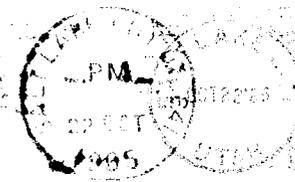
NOV 21 1999
DIVISION OF
OIL, GAS & MINING

FORWARDING ORDER EXPIRED

JAMES A. MOSER
BOX 1722
ROOSEVELT UT 84066

RETURN TO SENDER
REPLY TO MAIL PERMIT NO. 100
Salt Lake City, UT 84114
NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES
SHADOWFAX RESOURCES, LTD.
11 ADALAIDE STREET WEST SUITE 100
TORONTO, ONTARIO, CANADA
Return to Office
Business Development
Return by airmail
Return to destination
Business Reply Mail
Permit No. 100
Salt Lake City, UT 84114

*moved
26/11/99*





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 21, 1985

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City Utah 84114

Gentlemen:

RE: Cause No. UIC-070

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 31st day of October. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 21, 1985

Uintah Basin Standard
268 South 200 East
P.O. Box 370
Roosevelt, Utah 84066

Gentlemen:

RE: Cause No. UIC-070

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 31st day of October. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Publication was sent to the following:

Uintah Basin Standard
268 South 200 East
PO Box 370
Roosevelt, Utah 84066

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84114

Bureau of Land Management
Consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

U.S. Environmental Protection Agency
Suite 1300
Attn; Mike Strieby
999 18th Street
Denver, Colorado 80202-2413

Utah State Department of Health
Water Pollution Control
Attn; Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

Shell Oil Company
PO Box 576
Houston Texas 77001

Walter Duncan, et al
1300 Writer's Center IV
1720 S. Bellaire
Denver, Colorado 80222

Sun Oil Company
PO Box 2039
Tulsa, Oklahoma 74102

Pennzoil United, Inc.
PO Drawer 1139
1860 Colorado State Bank Bldg.
Denver, Colorado 80201

Partnership Properties Company
717 17th Street
Denver, Colorado 80202

Shadowfax Resources, Ltd.
11 Adalaide Street West, Suite 700
Toronto, Ontario Canada

Fisher Oil and Gas Corporation
PO Box 262 Suite 6960
#1 First Canadian Place
Toronto Ontario Canada M5X 1C9

Bow Valley Petroleum Inc.
1700 Broadway, Suite 900
Denver, Colorado 80290

Asamera Oil (U.S.) Inc.
4545 E. 52nd Avenue
Denver, Colorado 80022

Sohio Petroleum
633 17th Street, Suite 2200
Denver, Colorado 80202

Petroex
5603 Chaucer
Houston, Texas

ANR Limited, Inc.
5075 Westheimer, Suite 1100
Galleria Towers West
Houston, Texas 77056

Texas Gas Exploration Corporation
2 Houston Center, STE, 200
909 Fannin Street
Houston, Texas 77210-4326

W Energy, Inc.
640 Sunset Circle
Key Biscayne, Florida 33419

Forcenergy, Inc.
640 Sunset Circle
Key Biscayne, Florida 33149

Lehndorff LGB Minerals Inc.
2501 Cedar Springs, STE. 340
Dallas, Texas 75201

Convst Production Company
2401 Fountain View Drive, STE. 700
Houston, Texas 77057

Utex Oil Company
1245 E. Brickyard Road, Suite 600
Salt Lake City, Utah 84106

State Parks and Recreation
1636 West North Temple
Room 116
Salt Lake City, Utah 84116

Gene R. Kantack
2233 Leadville Avenue
Boise, Idaho 83706

Redge Palmer
Bluebell, Utah 84007

Forest R. Clayburn
Bridgeland, Utah 84102

Myrin Ranch
ST. RT.
Altamont, Utah 84001

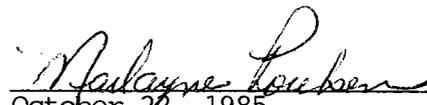
Ronald B. Mitchell
ST. RT. Box 107
Bluebell, Utah 84007

Richard S. Johnson
320 S. 300 E.
Salt Lake City, Utah 84111

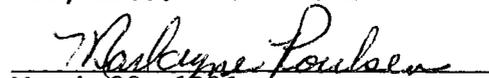
James A. Moser
Box 1722
Roosevelt, Utah 84066

Melvin and Lola White
ST. RT.
Bluebell, Utah 84007

Grant and Rita Hansen
ST. RT.
Bridgeland, Utah 84012


October 22, 1985

Sent amended notice to the same list on March 28, 1986. UIC-070-1


March 28, 1986



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 19, 1985

Bow Valley Petroleum, Incorporated
P.O. Drawer 130
Roosevelt, Utah 84066

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-070

Administrative approval is hereby granted to convert the following listed well to a saltwater disposal well:

Williams 1-21B3
Section 21, Township 2 South, Range 3 West
Duchesne County, Utah, U.S.M.

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted. Also, an attempt must be made to obtain a representative formation fluid sample by swabbing prior to commencing injection. The sample shall then be analyzed for total dissolved solids and the results promptly provided to the Division so a determination can be made whether an aquifer exemption is necessary.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson
Director

mfp
7627U

Affidavit of Publication RECEIVED

ADM-358

STATE OF UTAH,
County of Salt Lake

SS.

NOV 12 1985

DIVISION
GAS

Cheryl Gierloff

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CASE NO. UIC-070

IN THE MATTER OF THE APPLICATION OF BOW VALLEY PETROLEUM, INC., FOR ADMINISTRATIVE APPROVAL OF THE WILLIAMS 1-21B3 WELL, LOCATED IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 3 WEST, DUCHESNE COUNTY, UTAH, U.S.M., AS A SALTWATER DISPOSAL WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P.O. Drawer 130, Roosevelt, Utah 84064, has requested administrative approval of the Williams 1-21B3 well, located 1462' FWL and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West, Duchesne County, Utah as a saltwater disposal well.

The proposed operating data for the well is as follows:

Injection Interval: Lower Uinta Formation 6120' to 6170'
Maximum Estimated Surface Pressure: 1500 psig
Maximum Estimated Gas Injection Rate: 4000 BWPD

Conditional approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: OIC Program Manager, 335 West North Temple, 3 Trade Center, Suite 380, Salt Lake City, Utah 84103.

DATED this 18th day of October, 1985.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

T-43

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-070 - Application of Bow Valley

Petroleum, Inc.

was published in said newspaper on

October 30, 1985

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 6th day of

November

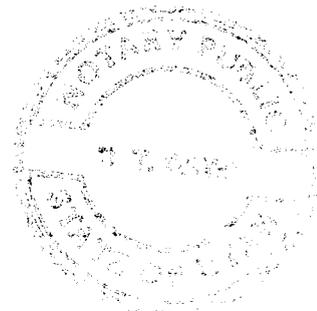
A.D. 1985

B. J. Davis

Notary Public

My Commission Expires

March 1, 1988



Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

RECEIVED

NOV 12 1985

..... Cheryl Gierloff

DIVISION OF OIL
GAS & MINING

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

..... Cause No. UIC-070 - Application of Bow Valley

..... Petroleum, Inc.

..... was published in said newspaper on

..... October 30, 1985

Cheryl Gierloff
.....
Legal Advertising Clerk

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH CAUSE NO. UIC-070 IN THE MATTER OF THE APPLICATION OF BOW VALLEY PETROLEUM, INC., FOR ADMINISTRATIVE APPROVAL OF THE WILLIAMS 1-21B3 WELL, LOCATED IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 3 WEST, DUCHESNE COUNTY, UTAH, U.S.M., AS A SALTWATER DISPOSAL WELL. THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER. Notice is hereby given that Bow Valley Petroleum, Inc., P.O. Drawer 130, Roosevelt, Utah 84066, has requested administrative approval of the Williams 1-21B3 well, located 1462' FWL and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West, Duchesne County, Utah as a saltwater disposal well. The proposed operating data for the well is as follows: Injection interval: Lower Uinta Formation 6120' to 6170' Maximum Estimated Surface Pressure: 1500 psig Maximum Estimated Gas Injection Rate: 4000 BWPD Conditional approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Salt Lake City, Utah 84180-1203. DATED this 18th day of October, 1985. STATE OF UTAH DIVISION OF OIL, GAS AND MINING MARJORIE L. ANDERSON Administrative Assistant

T-43

Subscribed and sworn to before me this 6th day of
..... November A.D. 1985

B. J. Davis
.....
Notary Public

My Commission Expires

..... March 1, 1988



AFFIDAVIT OF PUBLICATION

County of Duchesne, }
STATE OF UTAH } ss.

I, Craig Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper forone (1)..... consecutive issues, and that the first publication was on the³⁰..... day ofOctober....., 19⁸⁵., and that the last publication of such notice was in the issue of such newspaper dated the ..³⁰.. day of ..October, 19⁸⁵..

Craig Ashby
.....

Subscribed and sworn to before me this 21st day of November, 19⁸⁵

Jan Z. Croger
.....
Notary Public.

MY COMMISSION EXPIRES MARCH 1, 1987

My commission expires 19.....
Publication fee, \$.....

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

CAUSE NO. UIC-070
IN THE MATTER OF THE APPLICATION OF BOW VALLEY PETROLEUM, INC., FOR ADMINISTRATIVE APPROVAL OF THE WILLIAMS 1-21B3 WELL, LOCATED IN SECTION 21, TOWNSHIP 2 SOUTH, RANGE 3 WEST, DUCHESNE COUNTY, UTAH, U.S.M., AS A SALTWATER DISPOSAL WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P. O. Drawer 130, Roosevelt, Utah 84066, has requested administrative approval of the Williams 1-21B3 well, located 1462' FWL and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West, Duchesne County, Utah as a saltwater disposal well.

The proposed operating data for the well is as follows:

Injection Interval: Lower Uinta Formation 6120' to 6170'
Maximum Estimated Surface Pressure: 1500 psig
Maximum Estimated Gas Injection Rate: 4000 BWPD

Conditional approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice: Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 18th day of October, 1985.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
Published in the Uintah Basin Standard October 30, 1985

RECEIVED

NOV 22 1985

DIVISION OF OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Salt Water Disposal Well		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Bow Valley Petroleum Inc		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
3. ADDRESS OF OPERATOR P O Drawer 130, Roosevelt, Utah 84066		7. UNIT AGREEMENT NAME n/a
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1390' from SL & 1462' from WL		8. FARM OR LEASE NAME S. Williams
14. PERMIT NO. 43-01330589		9. WELL NO. 1-21B3
15. ELEVATIONS (Show whether DF, RT, OR, etc.) DIVISION OF OIL, GAS & MINING RECEIVED MAR 10 1986		10. FIELD AND POOL, OR WILDCAT Altamont/Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 21, T2S, R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amending:

4646-50	4682-86	4703-06	4726-23
4788-92	4833-35	4964-68	5025-33
5617-28	5751-60	5814-18	5854-58
6036-40	6061-65	6070-72	6074-73
6090-93	6130-32	6135-41	

18. I hereby certify that the foregoing is true and correct

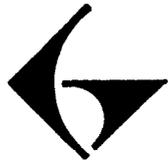
SIGNED [Signature] TITLE District Superintendent DATE 3-7-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



Bow Valley Petroleum Inc.

P.O. Drawer 130, Roosevelt, Utah 84066

Telephone: (801) 722-5166

March 7, 1986

Division of Oil, Gas, & Mining
UIC Department
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

RECEIVED
MAR 10 1986

DIVISION OF
OIL, GAS & MINING

RE: S. Williams 1-21B3
Sec. 21, T2S, R3W
Duchesne County, Utah

ATTENTION: Gil Hunt

Gentlemen:

The above referenced well has been approved for a salt water disposal well.

The well was approved for Lower Uintah Formation between 6120 and 6170 feet.

Bow Valley would like to amend these injection zones and add zones 4646 to 6141.

If you require additional information please contact me.

Sincerely,

Chuck Gardner
Roosevelt District Superintendent

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE AMENDED : CAUSE NO. UIC-070-1
APPLICATION OF BOW VALLEY :
PETROLEUM, INC., FOR ADMINISTRA- :
TIVE APPROVAL OF THE WILLIAMS :
1-21B3 WELL, LOCATED IN SECTION :
21, TOWNSHIP 2 SOUTH, RANGE 3 :
WEST, DUCHESNE COUNTY, UTAH, :
U.S.M., AS A SALTWATER DISPOSAL :
WELL :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P.O.
Drawer 130, Roosevelt, Utah 84066, has requested an amended
administrative approval of the Williams 1-21B3 well, located 1462' FWL
and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West,
Duchesne County, Utah as a saltwater disposal well.

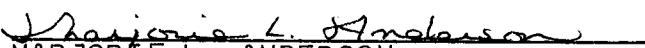
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Injection Interval: Lower Uinta Formation 4646' to 6170'
Maximum Estimated Surface Pressure: 1500 psig
Maximum Estimated Water Injection Rate: 4000 BWPD

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 26th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 26, 1986

TO: Memo to File

FROM: Dorothy Swindel, UIC Geologist *OBS*

SUBJECT: Conversion of Bow Valley's, Samuel Williams 1-21B3 to a Disposal Well

Bow Valley Petroleum, Incorporated has proposed to convert the Samuel Williams 1-21B3, Section 21, T2S, R3W, Duchesne County, to a disposal well. The proposed injection zones are from 4646' to 6170'. The disposal would be in the lower Uinta Formation and the Upper Green River Formation.

The salinity of the fluids in the proposed injection zones exceeds 10,000 ppm. The zones appear acceptable for disposal use. However, if more zones should be required for disposal in this well, the additional zones should be below 4646'.

The Utex Rust et al 1-4B3 (Section 4, T2S, R3W) was correlated with the Samuel Williams 1-21B3. The Utex Rust et al 1-4B3 is adjacent to the Utex Hanson 2-4B3 which is a disposal well. The lower injection zones of the Utex Hanson 2-4B3 (Section 4, T2S, R3W) correlate with the upper proposed injection zones of the Samuel Williams 1-21B3. The Hanson 2-4B3 has injection zones from 3000' to 6026'.

The Rust et al 1-4B3 is located approximately 3 miles north of the Samuel Williams 1-21B3. No other disposal wells are located within 3 miles of the Samuel Williams 1-21B3. No producing wells are located within a 1/2 mile radius, but there are 5 wells located in a 1 mile radius.

mfp
0055U-2



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 26, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84114

Gentlemen:

RE: UIC-070-1

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 7th day of April. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

for
MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---00000---

IN THE MATTER OF THE AMENDED : CAUSE NO. UIC-070-1
APPLICATION OF BOW VALLEY :
PETROLEUM, INC., FOR ADMINISTRA- :
TIVE APPROVAL OF THE WILLIAMS :
1-21B3 WELL, LOCATED IN SECTION :
21, TOWNSHIP 2 SOUTH, RANGE 3 :
WEST, DUCHESNE COUNTY, UTAH, :
U.S.M., AS A SALTWATER DISPOSAL :
WELL :

---00000---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Bow Valley Petroleum, Inc., P.O.
Drawer 130, Roosevelt, Utah 84066, has requested an amended
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and 1390' FSL (NESW) of Section 21, Township 2 South, Range 3 West,
Duchesne County, Utah as a saltwater disposal well.

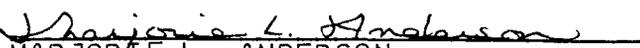
The proposed operating data for the well is as follows:

Injection Interval: Lower Uinta Formation 4646' to 6170'
Maximum Estimated Surface Pressure: 1500 psig
Maximum Estimated Water Injection Rate: 4000 BWPD

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 26th day of March, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

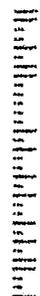


STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203



WALTER DUNCAN, ET AL
1300 WRITER'S CENTER IV
1720 S. BELLAIRE
DENVER CO 80222



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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203

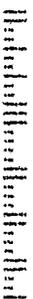


JAM
JAMES A. MOSER
BOX 1722
ROOSEVELT UT 84066

Fwo tray

Harlowe

an equal opportunity employer





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203

Proposed

APR 14 1986

DIVISION OF
OIL, GAS & MINING

W. S. ...

SHADOWFAX RESOURCE
~~11 ADALTAIDE STREET~~
TORONTO ONTARIO

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UNITED STATES

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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203

Shadowfax

FISHER OIL AND GAS CORPORATION
PO BOX 262 SUITE 6960
#1 FIRST CANADIAN PLACE
TORONTO ONTARIO CANADA M5X 1C9

APR 14 1986

UTAH

U.S. POSTAGE
0 0 2 2 2 2



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 28, 1986

Uintah Basin Standard
Legal Advertizing
268 South 200 East
PO Box 370
Roosevelt, Utah 84066

Gentlemen:

RE: UIC-070-1

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 7th day of April. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Marjorie L. Anderson".

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

ss.

Cheryl Gierloff

CAUSE NO. UIC-070-1
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES
STATE OF UTAH

IN THE MATTER OF THE
AMENDED APPLICATION OF
BOW VALLEY PETROLEUM,
INC. FOR ADMINISTRATIVE
APPROVAL OF THE WIL-
LIAMS 1-21B3 WELL, LOCAT-
ED IN SECTION 21, TOWNSHIP
2 SOUTH, RANGE 3 WEST, DU-
CHESNE COUNTY, UTAH,
U.S.M., AS A SALTWATER DIS-
POSAL WELL.

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER:

Notice is hereby given that
Bow Valley Petroleum, Inc.,
P. O. Drawer 300, Roosevelt,
Utah 84066, has requested an
amended administrative ap-
proval of the Williams 1-21B3
well, located 1462' FWL and
1390' ESL (NEW) of Section 21,
Township 2 South, Range 3
West Duchesne County, Utah
as a saltwater disposal well.

The proposed operating data
for the well is as follows:

Injection Interval: Lower
Uima formation 7246' to
4170' Maximum Estimated
Surface Pressure: 1500 psig
Maximum Estimated Water
Injection Rate: 4000
BWRD

Approval of this Application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager, 1
355 West North Temple, 3 Triad
Center, Suite 358, Salt Lake
City, Utah 84188-1900.

DATED this 5th day of
March, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE E. ANDERSON
Administrative Assistant

1-98

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-070-1 - Application of Bow

Valley Petroleum, Inc.

was published in said newspaper on

April 5, 1986

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 18th day of

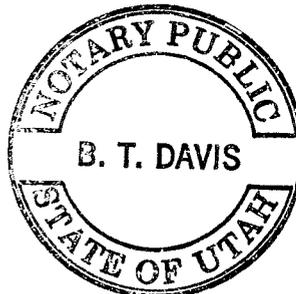
April A.D. 1986

B. T. Davis

Notary Public

My Commission Expires

March 1, 1988



Affidavit of Publication

ADM-356

STATE OF UTAH,
County of Salt Lake

ss.

..... Cheryl Gierloff

Being first duly sworn, deposes and says that he/she is legal advertising clerk of THE SALT LAKE TRIBUNE, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.

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..... Valley Petroleum, Inc.

..... was published in said newspaper on

..... April 5, 1986

Cheryl Gierloff
Legal Advertising Clerk

CAUSE NO. UIC-070-1
BEFORE THE DIVISION OF OIL,
GAS AND MINING
DEPARTMENT OF NATURAL
RESOURCES
STATE OF UTAH
IN THE MATTER OF THE
AMENDED APPLICATION OF
BOW VALLEY PETROLEUM,
INC., FOR ADMINISTRATIVE
APPROVAL OF THE WIL-
LIAMS 1-2183 WELL, LOCAT-
ED IN SECTION 21, TOWNSHIP
2 SOUTH, RANGE 3 WEST, DU-
CHESNE COUNTY, UTAH,
U.S.M., AS A SALINITY DIS-
POSAL WELL.
THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
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well, located in Section 21,
Township 2 South, Range 3
West, Duchesne County, Utah,
as a salinity disposal well.
The proposed logging data
for the well is as follows:
Injection Interval: Lower
Utah Formation, 670' to
6170' Maximum Estimated
Surface Pressure: 7000 psig
Maximum Estimated Water
Injection Rate: 4000
Bwpd
Approval of this Application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
315 West North Temple, 3 Third
Center, Suite 350, Salt Lake
City, Utah 84180-1203.
DATED this 26th day of
March, 1986.
STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
1-98

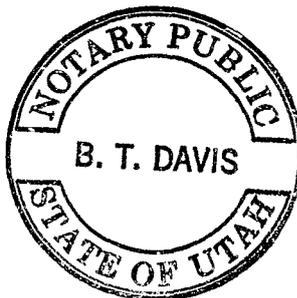
Subscribed and sworn to before me this 18th day of
..... April A.D. 19..86....

B. T. Davis

Notary Public

My Commission Expires

..... March 1, 1988



DATE 4/22/86

WELL NO. 2111092113 LEASE

FIELD

13 3/4 @ 1546'

Want to put @ 3500' and establish
curvature on core. to surface
if possible. w/ core of run 206, PT
part, wire, inj test.

1546'

* - 4646'

* 5326'

CASING POINT

5326' → 5354'

5326'
4646'
768'

Discussed this with
Mike Morgan of Bad
Valley 4/22/86 and
M. K. R.S.

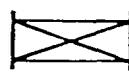
Will keep parts above cut
P.L. 202 and 4646'.

Top cut 8740'

cut to station
9150'

7 5/8

10 4/8



BRIDGE PLUG



PACKER



CENTRALIZER



SCRATCHER



BASKET



PERFORATION

(Use reverse side for additional remarks & sketches.)

Williams 1-21B3
Disposal well Diagram

Disposal Perfs
6120 - 6170 ft

Cement

Shot off 7-5/8" csg
7000 ft.

Squeezed GR perfs
9175 - 10,331 ft.

5 1/2" 23# N-80 liner

Pkr @ 6070 ft.

Float shoe @ 6750 ft.

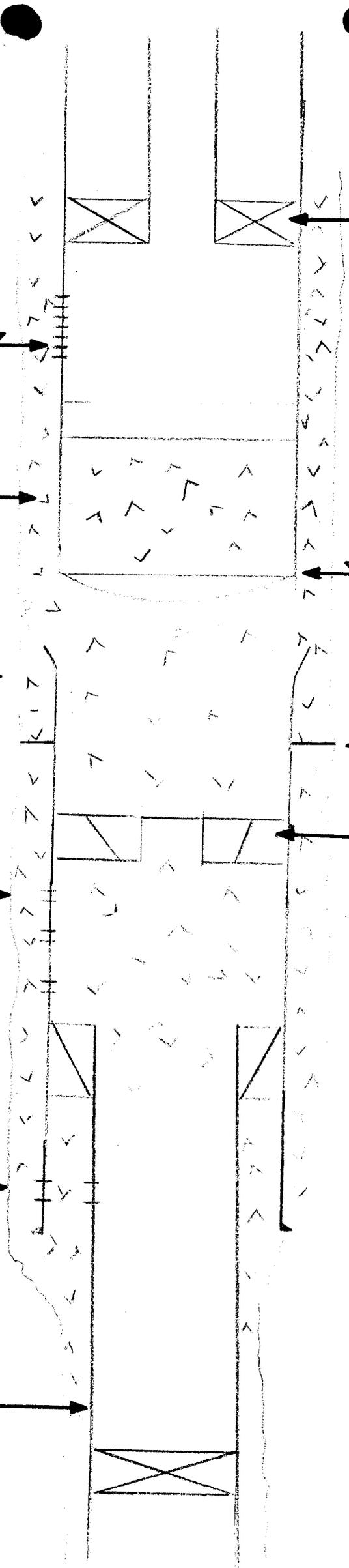
Old cmt top @ 8740 ft.

Cmt retainer @ 9150 ft.

Liner hanger w/ pkr
top @ 9879 ft.

7-5/8" 29# N-80 csg.
landed @ 10,400 ft.

CIBP @ 10,450 ft.



DATE 5/6/86

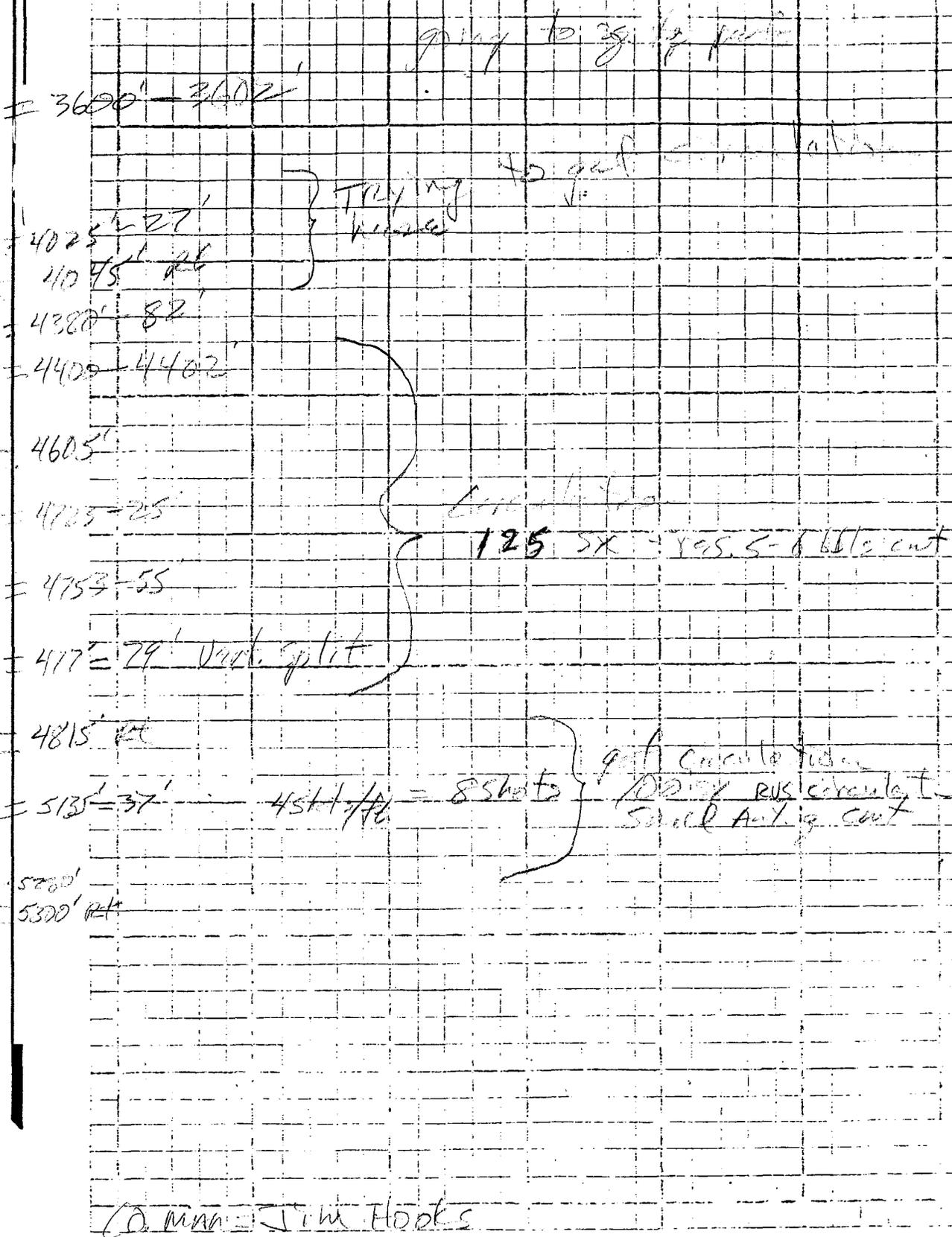
WELL NO. Williams

LEASE

25 W-21

FIELD

1-2183



BRIDGE PLUG
 PACKER
 CENTRALIZER
 SCRATCHER
 BASKET
 PERFORATION

(Use reverse side for additional remarks & sketches.)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Disposal Well		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Bow Valley Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Fee
3. ADDRESS OF OPERATOR P.O. Drawer 130, Roosevelt, Utah 84066		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1390' FSL 146' FWL , NE SW		8. FARM OR LEASE NAME WILLIAMS 1-21B3
14. PERMIT NO.		9. WELL NO. 1-21B3
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.21, T2S, R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Partnership Status of Well</u> <input checked="" type="checkbox"/>	
(Other)		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

For the record,* please note that Bow Valley Petroleum, Inc. and Rooney Operating Company are joint interest partners in the recently converted disposal well, the S. Williams 1-21B3.

Rooney Operating will be completing and filing all state reports and handling most correspondence concerning the disposal well. Their address is:

Rooney Operating Company
9745 E Hampden Avenue, Suite 220
Denver, CO 80231

RECEIVED
JUL 14 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Michelle M. Mechem TITLE Eng. Technician DATE 7-10-86
MICHELLE M. MECHAM
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

- ✓ Eula. Ute 1-16A1 Fee
- Duster 2-17B1 Fee
- Cadillac 3-6A1 Fee
- Bradley 1-23A1 Fee
- ✓ Bassett 1-22A1 Indian
- ✓ Perford Tex 1-10A1 Indian
- ✓ H.V. Mangus 1-15A1 Indian
- Bisel 1-11A1 Fee
- Michelle 1-7A1E Indian
- Maximilian Ute 1-14A3 Indian
- ✓ Mr. Boom Boom 2-29A1 Fee
- J. E. Font 3-2722 Indian
- H. E Mann 2-2822 Indian
- ? DMD Federal 17-1 Federal

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114
(801) 533-5771

RECEIVED
JUL 14 1986

DIVISION OF
OIL, GAS & MINING

RULE I-7 (d & e)

NOTICE OF COMMENCEMENT (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification: _____ Date of Commencement/Termination July 7, 1986

Disposal Well

Enhanced Recovery Injection Well

Enhanced Recovery Project

Well Name S. WILLIAMS 1-21B3

Location: Section 21 Twp. 2S Rng. 3W, County Duchesne

Order No. authorizing Injection _____ Date _____

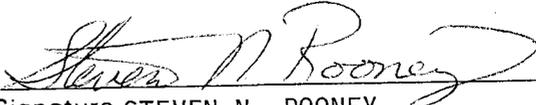
Zone into Which Fluid Injected Lower Uintah 4650'-5033'

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

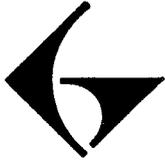
Operator ROONEY OPERATING COMPANY

Address 9745 E. Hampden Ave., Suite 220, Denver, Colorado 80231


Signature STEVEN N. ROONEY
Associate Engineer

July 10, 1986
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.



Bow Valley Petroleum Inc.

P.O. Drawer 130, Roosevelt, Utah 84066

Telephone: (801) 722-5166

July 15, 1986

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JUL 17 1986

UIC Department
State of Utah Natural Resources
Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

RE: Injection Well Approval
Bow Valley S. Williams 1-21B3

In your approval letter dated November 19, 1986 Bow Valley was requested to obtain a representative formation fluid sample by swabbing prior to commencing injection.

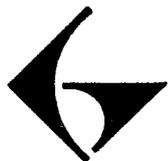
No attempt was made to obtain fluid sample prior to commencing injection due to excess loss of Wasatch and Green River Formation waters during workover operations. (Circulating out drilling mud and cementing operations).

If further information is needed, please let us know.

Very truly yours,


Michelle Mecham
Eng. Technician

mm



Bow Valley Petroleum Inc.

P.O. Drawer 130, Roosevelt, Utah 84066

Telephone: (801) 722-5166

July 17, 1986

RECEIVED
JUL 18 1986

Gil Hunt
UIC Geologist
Utah State Dept. of Natural Res.
Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

**DIVISION OF
OIL, GAS & MINING**

RE: S. WILLIAMS 1-21B3
SALT WATER DISPOSAL WELL

Gil,

Enclosed find the material Jim Hooks promised you summarizing the daily chrono reports on the salt water well workover.

If the information on the material is unclear or needs explaining, please let us know.

Very truly yours,


Michelle Mecham

mm

Attachments

RECEIVED

4-17-86

JUL 18 1986

S. WILLIAMS 1-21 B3
SEC. 21, T25, R3W

DIVISION OF
OIL, GAS & MINING

5-22-86
126-JTS.
2719' LVEE
8RD. 6.50#
J-55, R9-2
RICE-LAND
20 TBS9.
FIBER GLASS
EPoxy LINED
NOMINAL
I.D. 2.14"
DRIFTED W/
1 3/8" O.D.
DRIFT.
LINING W/
.55 x 6.50#
= 7.05#
PER FT. TBS9
NOTE:
75% LIME
IN 12,000#
COMPRESSION

5-22-86
1521 1000# TBS9
NOTE: 2.14" I.D. (DRIFTED BY 1 3/8" O.D. DRIFT)
5-22-86
AMARAO 758" 26.40# CS9.
LEADED W/ WANTED FOR WARTON HZ
W/ 280# K-57 TBS9 LITE CHEMICAL
W/ 280# K-57 TBS9 LITE CHEMICAL ON TOP

SET 12' 30" 8-31-72 w/ RAT HOLE DISPER
SET 85' 20" 9-3-72 CMT. w/ 245 SKS
CLASS "B" - 3% CALCIUM CHLORIDE (CMT.
TO SURFACE)
9-6-72
SET 1546' 13 3/8" 61# K-55. CMT. w/
950 SKS. LITE & 500 SKS. CLASS "B". CMT.
TO SURFACE.
10-13-72 SET 7' 8" CS9. @ 10,400' CMT.
CMT. w/ 350 SKS. HOWCO LITE & 250 SKS. "B".
5-19-86 RAN BR-CBL-CCL LOG F/ 5085'
P.B.T.D. UP TO 3240'. CMT. TO P @
3310'.
3310' CMT. TOP. 5-9-86 RAN AMARAO TUMP.
ELEMENT SURVEY ON SUECKLINE. 6 HRS.
AFTER PUMPING CMT.
3600'-3602' 5-1-86 PETF. 4-3/4" HOLES PER FT.
PHASED 45°, 8-HOLES, 2'
3651'-3653' 5-8-86 BAKER MODEL K-1 # 4 AA
RETAINER W/ SLEEVE. SET ON TBS9.
CIRCULATE CMT. BEHIND 758"
CS9. THROUGH PETF. 4025' TO 4027'
& BACK IN PETF. 3600' TO 3602'.
250 SKS. CLASS "H". CONTAINING
1.2% HALAD 322. 4% CALCIUM
CHLORIDE. 1.06 YIELD 16.4#. 44.5
BBLs. SLURRY.
4025'-4027' 5-2-86 PETF. 4-3/4" HOLES PER FT.
PHASED 45°. 8-HOLES, 2'.
4045'-4047' 5-5-86 BAKER MODEL K-1 # 4 AA
MECHANICAL SET RETAINER W/
SLEEVE. CIRCULATE CMT.
THROUGH RET. OUT PETF. 4380'-
4382' & BACK IN PETF. 4025'-
4027'. 5-7-86 55 SKS. CLASS
"H". CONTAINING 1.2% HALAD
322. 3% CALCIUM CHLORIDE.
1.06 YIELD. 16.4# SLURRY. 14
BBLs. SLURRY.
4050' PARKER
4380'-4382' 5-17-86 PETF. 4380'-4382' LEAKED
AS FOLLOWS AFTER DLS. SET CMT. (PUMP &
BBLs. FORM. W/ @ 10 A.M. 500# 15IP 500#.
10 MIN. - 600#.
4400'-4402' 5-3-86 PETF. 4-3/4" HOLES PER FT.
PHASED 45°, 2'. 8-HOLES.
4405'-4407' 5-3-86 CIRCULATE CMT. w/
125 SKS. THRU. RET. @ 4605'.
4605'-4607' 5-1-86 BAKER MODEL "K-1" RET.
4 AA W/ FLAPPER VALVE BOTTOM
(WIRELINE SET) 5-3-86 CIRCULATE
CMT. w/ 125 SKS.
4723'-4725' 5-1-86 PETF. 4-3/4" HOLES PER FT.
PHASED 45°. 2'. 8-HOLES
4753'-4755' 4-25-86 PETF. 4-3/4" HOLES PER FT.
PHASED 45°. 2'. 8-HOLES
4775'-4779' 4-24-86 RAN DIA-109 CASING IN-
SPECTION CALIPER LOG (4' VERTICAL SPL

4-17-86

S. WILLIAMS 1-21 B3

SEC. 21, T23, R-3W

4788'-4792'

4833'-4835'

4964'-4968'

5025'-5033'

31' TOTAL FT.
124- HOLES
PERF. W/
5" O.D. CS9.
20 H.S.
32-BRAM
CHS.
4- 3/4" HOLES
8 FT.
PHASED
90°

4815'-4817'

4-29-86 BAKER MODEL K-1 #4AA
RETAINER W/ SLEEVE (WIRELINE SET)
4-29-86 CIRCULATE CMT. THROUGH
RETAINER OUT PERFS. 5135'-5137'
& BACK IN VERTICAL SPLIT FI
4775'-4779' & PERFS. 4753'-4755'.
100 SKS. CLASS "H" CONTAINING 1.290
HALLAD 322 .190 HR-4, 164 # PER 9M
1.06 YIELD (30 CC FLUID LOSS)

5085' CMT.

5-19-86
TOP P.B.T.D. (CLEAN OUT W/ 6 3/4"
TOOTH BIT)

5135'-5137'

4-29-86 PERFS. 4- 3/4" HOLES PER FT.
PHASED 45°, 21- 8- HOLES

5280'-5300'

4-28-86 20' CMT. 5-SKS. PORTLAND
W/ DUMP BAILER ON (WIRELINE).

5300'-5302.5'

4-23-86 HALLIBURTON EASY DRIVE
RETAINER W/ 7/16" I.D. (POSIT. VALVE
BOTTOM) - SET ON T23.

5324'-5326'

4-21-86 RAN PENCO CS9. 114-
SECTION CALIPER 109. CCS9. PARTIAL
2').

8740'

OLD CMT. TOP.

9002'-9150'

4-18-86 CMT. TOP (48') ABOVE
RETAINER @ 9150'. CMT. W/ 300
SKS. 50-50 PPT. .290 HR-5 14.15#
PER 9M. 1.26 YIELD. 67.32 BSBS.
CMT. DISP. 56-BSBS. CMT. BELOW
RETAINER. FINAL PRESSURE 2600#
& HOLDING. STING OUT OF RETAINER
DUMP 11.3 BSBS. CMT. ON TOP OF RE
TAINER.

9150'-9152'

4-17-86 BAKER 7 5/8" 26.40# - 29.70#
#4AA MECHANICAL SET RETAINED
W/ SLEEVE.

9175'-10,331'

GREEN RIVER PER-
SONATIONS

- (1) 4-17-86 SET RETAINER @ 9150'-9152' ON TBS.
4-18-86 CNT. off GREEN RIVER PERFS. F/ 9175' TO 10,331'. 300SKS. CNT. 67.32 BBLS. SLURRY. 56 BBLS. BELOW RETAINER & 11.3 BBLS. ABOVE RETAINER. 148' CNT. ABOVE RETAINER. P.B.T.D. @ 9002'
- (2) 4-19-86 FREE POINT $7\frac{5}{8}$ " CS9. 100% STUCK @ 2125'.
- (3) 4-21-86 RAM CS9. INSPECTION CAMPER LOG, F/ 7400' TO SURFACE. (CS9. PARTED F/ 5324' TO 5326'.
- (4) 4-22-86 SET. SP. TOOL @ 5315'. TEST CS9. TO 2000# F/ 5-MIN. HELD O.K.
- (5) 4-23-86 SET RETAINER w/ POPIT VALVE BOTTOM @ 5300'-5302.5'. PRESSURED $7\frac{5}{8}$ " CS9. TO 2000#. IMMEDIATE BREAK TO "0" PRESSURE.
- (6) 4-24-86 RAM CS9. INSPECTION CAMPER LOG F/ 4850' TO 4500'. (VERTICAL SPLIT F/ 4775' TO 4779'.
- (7) 4-25-86 PERFS. $4\frac{7}{16}$ " HOLES PER FT. F/ 4753'-4755'.
- (8) 4-28-86 UNABLE TO PUMP THROUGH RETAINER @ 5300'.
- (9) 4-28-86 SPOT 20' CNT. F/ 5280'-5300' w/ WIRELINE DUMP BALEN
- (10) 4-29-86 PERFS. $4\frac{7}{16}$ " HOLES PER FT. F/ 5135'-5137'.
- (11) 4-29-86 SET RETAINER @ 4815', ON WIRE LINE. CIRCULATE CNT. THRU RET. OUT PERFS. F/ 5135'-5137' & BACK IN VERTICAL SPLIT F/ 4775'-4779' & PERFS. 4753'-4755' 100SKS. CNT.
- (12) 5-1-86 PERFS. $4\frac{7}{16}$ " HOLES PER FT. F/ 4723'-4725' & HOLES PER FT. F/ 3600'-3602'.

S. WILLIAMS 1-21 B3
SEC. 21, T2S, R-3W

- (13) 5-1-86 SET RETAINER W/ FLAPPER VALVE BOTTOM ON WIRE LINE @ 4605'. UNABLE TO CIRCULATE OUT PERFS. 4723'-4725' & BACK IN PERFS. 3600'-3602'.
- (14) 5-2-86 PERF. 4- $\frac{3}{4}$ " HOLES PER FT. F/ 4025'-4027'.
- (15) 5-3-86 PERF. 4- $\frac{3}{4}$ " HOLES PER FT. F/ 4000'-4002'.
- (16) 5-3-86 CIRCULATE CNT. W/ 125 SKS. THRU RETAINER @ 4605'.
- (17) 5-5-86 PERF. 4- $\frac{3}{4}$ " HOLES PER FT. F/ 4380'-4382'.
- (18) 5-5-86 SET RETAINER @ 4045'-4047' (ON TTS9) CIRCULATE OUT DRLA. MUD. PUMPING DOWN 7 $\frac{5}{8}$ " CSG. & OUT 13 $\frac{7}{8}$ " CSG.
- (19) 5-7-86 CIRCULATE CNT. THROUGH NET. @ 4045', OUT PERFS. 4380'-4382' & BACK IN PERF. 4025'-4027'. 75 SKS. CLAS "H".
- (20) 5-8-86 SET RETRIEVABLE SP TOOL @ 3651'. CIRCULATE OUT DRLA. MUD. OUT. PERF. 4025'-4027' & UP 13 $\frac{7}{8}$ " CSG.
- (21) 5-8-86 SET RETAINER @ 3651'. CIRCULATE CNT. BEHIND 7 $\frac{5}{8}$ " CSG. THRU. PERF. 4025' TO 4027', W/ RETURNS UP 7 $\frac{5}{8}$ " CSG. & 13 $\frac{7}{8}$ " CSG. 250 SKS. CLAS "H".
- (22) 5-9-86 RAN AMANDA TEMP. ELEMENT SURVEY ON SHOCKLINE. 6-HRS AFTER PUMPING CNT. CNT. TOP @ 3310'.
- (23) 5-10-86 TEST 7 $\frac{5}{8}$ " CSG. TO 1000# HELD O.K.
- (24) 5-10-86 90# PRESSURE ON 13 $\frac{7}{8}$ " CSG. FLOW 6.27 DBS. PER HR.
- (25) 5-10-86 THRU. 5-10-86 C/O 7 $\frac{5}{8}$ " CSG. W/ 6 $\frac{3}{4}$ " O.D. MILLS & BITS. TESTING 7 $\frac{5}{8}$ " CSG. TO 1000# AFTER DRLA. THRU. PERF. @ 3600'-3602' & 4025'-4027'. HELD O.K. CONTINUE C/O TO 4390'. PERF. 4380'-

S. WILLIAMS 1-21 B3
SEC. 21, T 2S, R-3W

4382' EXPOSED. INJECTION RATE DOWN
7 $\frac{3}{8}$ " CS9. W/ 6-BB18. FORMATION HT₂₀
1-B.P.M. 900#. 1.S.I.P. 800#. 700#
IN 3-MIN. 600# IN 10-MIN. CON-
TINCE C10 TO 5085'. REPEAT IN-
JECTION RATE SAME AS ABOVE.

(26) 5-19-86

RAN QM-CB2-CCL LOG F/ 5085' P.B.T.D.
UP TO 3240'. CMT. TOP @ 3310'.

(27) 5-19+20-86

PERF. DIL-ER INTERVALS - 5" O.D.
CS9. CUM. 32-QRAM CH9. 4- $\frac{3}{4}$ " HOLES
PER FT. PHASCO 90".
5025'-5033', 4964'-4968', 4833'-4835',
4788'-4792', 4726'-4728', 4703'-4706',
4682'-4686' & 4646'-4650'. (31'
124 PERFORATIONS).

(28) 5-20-86

INJECTION RATES:

500 BB18. WASATCH FORMATION HT₂₀
2.5 B.P.M. 1000# DOWN TO 950#.
1.S.I.P. 800#. 10-MIN 650#.
500 BB18. WASATCH FORMATION HT₂₀
3.5 B.P.M. 1150# DOWN TO 1100#.
1.S.I.P. 750# 5-MIN. 680#. 10-
MIN. 650#. 15-MIN. 625#. 20
MIN. 620#.

(29) 5-21-86

PICK. SET @ 4050'. BAKER MODEL
A-3 # 47-D2 7 $\frac{7}{8}$ " 26.40# LOK-SET.
TEST PICK. & CS9. TO 1000# F/ 5 MIN.
WELD O.K. (PICK. IN 12000# COM-
PRESSION).

(30) 5-21-86

TDS9: 2 $\frac{7}{8}$ " ECC-3RD. 6.50# J-35,
R9-2 RICELINE 20 TDS9. (FIBER
GLASS-EPoxy LINED NOMIN-
AL I.D. 2.14")

(31) 5-21-86

ANNULAR CORROSION PROTECTION:
WASATCH FORMATION HT₂₀ w/ 290
KW-37 METOLITE CHEMICAL.

(32) 5-21-86

INJECTION RATE: 70 BB18. WASATCH
FORMATION HT₂₀. 4.1 B.P.M. 1325#
USING 90% EFFICIENCY ON PUMP.
1.S.I.P. 750#.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangert, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

July 28, 1986

Bow Valley Petroleum
P.O. Drawer 130
Roosevelt, Utah 84066

Gentlemen:

RE: Conditional Approval, Williams 1-21B3, Township 2 South, Range 3
West, Section 21, U.S.M., Duchesne County, Utah

The approval letter dated November 19, 1985, for the above referenced disposal well stated that the approval was conditional upon attempting to swab and analyze a fluid sample from the injection zone prior to injection. Your letter dated July 15, 1986, states that no attempt was made to obtain a fluid sample prior to commencing injection due to the excess loss of fluids during workover operations. We agree that any sampling efforts under these circumstances would be unproductive.

The results obtained from geophysical log interpretation and sampling conducted on other wells in the area, suggest that the water in the injection zone is of poor quality and would not require an aquifer exemption. Thus, the condition of approval as stated in the November 19, 1985, letter is hereby rescinded.

If you have any questions concerning this matter, please call.

Best regards,

Dianne R. Nielson
Director

mfp/GLH
0156U-83

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PERMIT IN TR:
(U.S. Instructio
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

AUG 06 1986

DIVISION OF OIL
GAS & MINING

1. OIL WELL GAS WELL OTHER Disposal Well

2. NAME OF OPERATOR
Badger Oil Corp.

3. ADDRESS OF OPERATOR
Rt. 1 Box 1765, Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State law. See also space 17 below.)
At surface
See Below

12. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.) _____

5. LEASE DESIGNATION AND SERIAL NO. _____

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
All Badger Wells

9. WELL NO.
See Below

10. FIELD AND POOL, OR WILDCAT
Bluebell

11. SEC., T., R., M., OR SILE AND SURVEY OR AREA _____

12. COUNTY OR PARISH
Duchesne/Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Water Disposal</u> <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4. & 8. - Eula Ute 1-16A1, Gusher 2-16B1, Cadillac 3-6A1, Bradley 1-23A1, Bassett 1-22A1, Perfect Ten 1-10A1, H. U. Mungus 1-15A1, Bisel 1-11A1, Michelle 1-7A1E, Maximillian Ute 1-14A3, Mr. Boom Boom 2-29A1, L. E. Font 3-27Z2, H. E. Mann 2-28Z2, DMD Federal 17-1

Badger Oil Corp. requests permission to dispose of our produced water into the Rooney Operating S Williams 1-21B3 Disposal Well - 1462' EWL, 1390' NSL, NESW, Section 21, T2S, R3W, Duchesne County, Utah.

18. I hereby certify that the foregoing is true and correct

SIGNED Robert Morken TITLE Manager Prod. Services DATE 7/14/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

MONTHLY INJECTION REPORT

For the month of September, 1986

Operator: Rooney Operating Company Telephone: 303-750-5286

Address: 9745 E. Hampden Ave. #220

City: Denver State: CO Zip: 80231

Well no.: S. Williams 1-21B3 Field or Unit name: Altamont

Sec.: 21 Twp.: 2S Rng.: 3W County: Duchesne Lease no.: _____

Date	Volume	Hours	Maximum	Average	Tbg/Csg Annulus Press.
	Disposed	In Service	Pressure	Oper. Press.	
1.	3016	21.23	800	800	
2.	2063	14.5			
3.	2934	20.66			
4.	1399	9.85			
5.	1343	9.45			
6.	1405	9.9			
7.	1352	9.52			
8.	1949	13.72			
9.	746	5.25			
10.	1139	8.02			
11.	1948	13.72			
12.	2532	17.83			
13.	2727	19.2			
14.	2973	20.93			
15.	1928	13.58			
16.	2499	17.6			
17.	2524	17.77			
18.	2840	20			
19.	2317	16.31			
20.	1943	13.68			
21.	2877	20.26			Varies - We have a slight packer leak. This has been reported to Gil Hunt and we are monitoring the situation
22.	2322	16.35			
23.	2461	20.86			
24.	3611	24			
25.	3596	24			
26.	3475	24			
27.	3585	24			
28.	3505	24			
29.	3497	23			
30.	5786	23	1250	1250	
31.					

Total volume injected for month: 76792
All time cumulative volume injected: 160524

I hereby certify that the foregoing is true and correct to the best of my knowledge.
Signed: [Signature] Title: President Date: 11/11/86

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES AND ENERGY
 DIVISION OF OIL, GAS, AND MINING
 Room 4241 State Office Building
 Salt Lake City, Utah 84114

DISPOSAL WELL REPORT

RULE 1-7 (b)

OPERATOR ROONEY OPERATING COMPANY WELL NAME S. WILLIAMS 1-21B3

SEC. 21 T. 2S R. 3W COUNTY Duchesne FIELD NAME Altamont

MONTH September YEAR 1986

DATE	AMOUNT DISPOSED	HOURS IN SERVICE	MAXIMUM PRESSURE	AVERAGE OPERATING PRESSURE
1	3016	21.23	800	800
2	2063	14.5	800	800
3	2934	20.66	800	800
4	1399	9.85	800	800
5	1343	9.45	800	800
6	1405	9.9	800	800
7	1352	9.52	800	800
8	1949	13.72	800	800
9	746	5.25	800	800
10	1139	8.02	800	800
11	1948	13.72	800	800
12	2532	17.83	800	800
13	2727	19.2	800	800
14	2973	20.93	800	800
15	1928	13.58	800	800
16	2499	17.6	800	800
17	2524	17.77	800	800
18	2840	20	800	800
19	2317	16.31	800	800
20	1943	13.68	800	800
21	2877	20.26	800	800
22	2322	16.35	800	800
23	2961	20.85	800	800
24	3611	24	800	800
25	3596	24	800	800
26	3475	24	800	800
27	3585	24	800	800
28	3505	24	800	800
29	3497	23	800	800
30	5786	23	1250	1250
31				

TOTAL 76792

*** FILE IN TRIPLICATE

TOTAL CUMULATIVE 160524

rooney operating company

9745 e. hampden ave. suite 220 denver, colorado 80231 telephone (303) 750-5286

December 1, 1986

RECEIVED
DEC 03 1986

Division of Oil, Gas & Mining
UIC Department
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

**DIVISION OF
OIL, GAS & MINING**

Attn: Mr. Gil Hunt

Dear Mr. Hunt:

Enclosed you will find test data on the annulus of our Williams 1-21B3 disposal well. As I mentioned during our phone conversation, we will continue to monitor this situation and report any changes to you.

Sincerely,



Steven N. Rooney
Engineer

SNR/car

enc.



April 9, 1987

TO: File

FROM: Dan Jarvis - UIC Geologist 

RE: Sampling of Upalco Water Wells for Possible Contamination
from the Samuel Williams #1-21B3 Disposal Well

On March 25 and 26, 1987 water samples were taken by Dan Jarvis and Gil Hunt from thirteen wells in the Upalco, Utah area. Sampling was done in response to reports that water wells in the area had become contaminated from produced water being disposed of in the Rooney Operating Company disposal well. The disposal well is located in the NESW of Section 21, Township 2 South, Range 3 West, Duchesne County. The town of Upalco is approximately 1 mile southeast of the disposal well.

Water samples were taken in accordance with the Department of Health's QA/QC policy. Two samples were collected from each location and an additional sample was taken at two of the locations. At each of the thirteen sites, samples were taken to be analyzed for total metals and total organic carbon. The two additional samples will be analyzed for oil and grease. Below is a list of the thirteen wells sampled. Each sample was collected in health department sample bottles with the appropriate preservative. The samples were tagged, sealed and placed in a cooler containing ice. On March 26, 1987 at 14:12 the samples were given to the state of Utah Health Department laboratory following proper chain of custody policies.

Both the town of Upalco and the disposal well are sited on Quaternary gravel deposits which are mainly terraces and pediments, and range in grain size from silt to boulders. Hydrologically these deposits have low to very high permeability, and are the source of some of the wells in the Upalco area. Deeper wells in the area are probably producing water from the Tertiary Duchesne River formation. The Duchesne River formation has very low to very high permeability. The level of the water table in the area varies seasonally, and from water well data it appears that the average static water level is between 20-30 ft. Water wells in the town of Upalco and surrounding areas produce water from 20-220 ft.

The Rooney Operating disposal well injects at a depth of 4646-6170 ft. into the lower Uinta formation. The well commenced injection on July 7, 1986. The base of the moderately saline water is approximately 2100 feet below ground level. The intervening thickness between the top perforations and the base of the moderately saline water is 2546 feet.

<u>SAMPLE #</u>	<u>LOCATION</u>	<u>DATE</u>	<u>TIME</u>	<u>SAMPLES TAKEN</u>
1	Tommy Thackers Service Station T2S., R3W., Sec. 27	3/25/87	9:45 AM	TM, TOC
2	Dick Bess Water Well T2S., R3W., Sec. 20	3/25/87	10:20 AM	TM, TOC
3	Robert Bess Water Well T2S., R3W., Sec. 20	3/25/87	10:40 AM	TM, TOC
4	Rooney Operating Water Well T2S., R3W., Sec. 21	3/25/87	11:20 AM	TM, TOC
5	Rooneys Operating Produced Water T2W., R3W., Sec. 21	3/25/87	11:35 AM	TM, TOC Oil&Grease
6	Albert Potts Water Well T2S., R3W., Sec. 22	3/25/87	12:15 PM	TM, TOC Oil&Grease
7	Jim Gracey Water Well T2S., R3W., Sec. 21	3/25/87	12:35 PM	TM, TOC
8	Redge Palmer Water Well T2S., R3W., Sec. 28	3/25/87	1:45 PM	TM, TOC
9	Tommy Thacker Water Well T2S., R3W., Sec. 28	3/25/87	2:00 PM	TM, TOC
10	Allen White Water Well T2S., R3W., Sec. 27	3/25/87	2:20 PM	TM, TOC
11	Jim Moser Water Well T2S., R3W., Sec. 21	3/25/87	2:50 PM	TM, TOC
12	Scott Lauchner Water Well T2S., R3W., Sec. 22	3/26/87	10:00 AM	TM, TOC
13	Ron Mitchell Water Well T2S., R3W., Sec. 21	3/26/87	10:30 AM	TM, TOC

TM = Total Metals
TOC = Total Organic Carbon

mfp
0035U/18,19

S. WILLIAMS 1-21R3
SEC. 21. 12S. B3W

ROONEY OPERATING COMPANY

- 10-15-86 Received letter from State (signed by Dorothy Swindel) requesting monitoring of 7-5/8" casing.
- 10-21-86 Install guage in 7-5/8" casing. (Had pressure on casing).
- 10-28-86 Injecting down 2-7/8" TBG @ 2.4 bpm 860# tbg pressure. Shut pump down. Pressure bled to 605# in 10 min. 7-5/8" csg pressure 710#. Bled csg pressure off in 2 min. Got 1/2 bbl diesel back. No change in tbg pressure of 605#. Start injecting down tbg w/csg valve open, 2.4 bpm, 860# for 6 min. Start stream half size of pencil out csg. Shut csg valve. Continue injecting down tbg @ 2.4 bpm & 860#. Pressure on 7-5/8" csg built to 70# in 40 min. Shut down injection. Tbg pressure bled to 610# in 10 min. Pressure 7-5/8" csg to 1020#. SITP 620# in 15 min. Csg pressure bled to 915# in 30 min. No change in tbg pressure. Flow back tbg w/50# on same for 15 min. Csg pressure down to 900#. Re-pressure csg to 1020#. Continue to flow tbg back. No change in csg pressure for 34 min. Pressure csg to 1240#. Bled to 1220# in 15 min. Holding 1220# for additional 5 min. Bled csg pressure to "0". Start injecting down tbg 2.4 bpm, 800# on tbg. Start slight leak on 7-5/8" csg (less than before). Re-pressure csg to 1020#. Shut same in. Start injecting down tbg.
- 11-2 & 3-86 8:00 am bled 7-5/8" csg pressure to "0". Hook up chart on csg. SITP 610#. No change in tbg or csg readings in 2 hours w/pump off. Injection pump came on. 7-5/8" csg pressure stayed on "0" for additional 15 min. Gradually increasing from "0" to 870# in 13 hours with 840# on tbg and injection pump running.
NOTE: Csg pressure bleeds down @ slightly slower rate as tbg bleeds down to equalizing point.
- 11-18-86 Discussed above with Utah State (Gil Hunt) @ 1:20 pm, (801) 538-5340 ext 5297. Request above information and chart.

J.A. HOOKS

RECEIVED
MAY 18 1987

WATER ANALYSIS REPORT

DIVISION OF
OIL, GAS & MINING

COMPANY Rooney Operating Co. ADDRESS _____ DATE: 5-6-87

SOURCE (Triplex) Upaleo SWB unit DATE SAMPLED 5-6-87 ANALYSIS NO. _____
Analysis 23 SW 00001 Mg/L *Meq/L

- 1. pH 7.75
 - 2. H₂S (Qualitative) none
 - 3. Specific Gravity 1.000
 - 4. Dissolved Solids 9,070
 - 5. Suspended Solids _____
 - 6. Phenolphthalein Alkalinity (CaCO₃) _____
 - 7. Methyl Orange Alkalinity (CaCO₃) 910
 - 8. Bicarbonate (HCO₃) HCO₃ 1,110 +61 13 HCO₃
 - 9. Chlorides (Cl) Cl 4,254 +35.5 110 Cl
 - 10. Sulfates (SO₄) SO₄ 450 +48 _____ SO₄
 - 11. Calcium (Ca) Ca 255 +20 _____
 - 12. Magnesium (Mg) Mg _____ +12.2 _____
 - 13. Total Hardness (CaCO₃) 500
 - 14. Total Iron (Fe) 1.8
 - 15. Barium (Qualitative) _____
 - 16. Strontium _____
- *Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/L	=	Mg/L
Ca (HCO ₃) ₂	81.04		<u>13</u>		<u>1054</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17				
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>5</u>		<u>420</u>
Na ₂ SO ₄	71.03		<u>9</u>		<u>639</u>
Na Cl	58.46		<u>110</u>		<u>6431</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/L
Ca SO ₄ • 2H ₂ O	2,090 Mg/L
Mg CO ₃	103 Mg/L

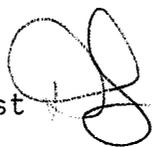
REMARKS _____



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 12, 1987

TO: File

FROM: Dan Jarvis, UIC Geologist 

On May 6, 1987 additional samples were taken from selected water wells in Upalco, Utah. Water wells sampled were selected with respect to their position to the Rooney Operating Company disposal well. Six water wells were sampled and a comparison sample was taken of the produced water that is being disposed of. A total of twenty samples were taken. Three from each water well and two from the produced water site. Samples will be analysed for Type 2 chemistry, Type 6 nutrients, and MPN total fecal coliform. The sample were collected in the proper State Health Laboratory containers with appropriate preservatives, and placed on ice. The samples were turned over to the State Health Laboratory on May 7, 1987 at 19:40 hours following proper chain of custody procedures.

Below is a list of wells from which samples were taken:

- | | | | |
|----|--------------------|----------|-------------------|
| 1. | Allen White | SW NW SW | Sec. 27, T2S, R3W |
| 2. | Albert Potts | SE NE NE | Sec. 28, T2S, R3W |
| 3. | Redge Palmer | SE SW SE | Sec. 21, T2S, R3W |
| 4. | Dick Bess | NW NE NE | Sec. 20, T2S, R3W |
| 5. | Rooney Water Well | SW NE SW | Sec. 21, T2S, R3W |
| 6. | Rooney Prod. Water | C SW 1/4 | Sec. 21, T2S, R3W |
| 7. | Tommy Thacker | NW NW SW | Sec. 27, T2S, R3W |

mfp
 0035U/23

rooney operating company

7670 s. vaughn ct. suite 200 englewood, colorado 80112 telephone (303) 792-2535

May 27, 1987

State of Utah Natural Resources
Oil Gas & Mining UIC Division
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
JUN 01 1987

Attn: Gil Hunt

DIVISION OF
OIL, GAS & MINING

Dear Mr. Hunt:

Enclosed please find the the following logs:

- ✓ 1. Temperature-Tracer survey - Williams #1 SWD
- ✓ 2. Acoustic Cement Bond - Brown #1 SWD
- ✓ 3. Casing Inspection - Brown #1 SWD
- ✓ 4. Compensated Neutron - Brown #1 SWD

4301330146 25 3W2,
} 4301310495
15 2W 3

If you have any questions, please do not hesitate to contact me.

Sincerely,



Steven N. Rooney
Operations Manager

SNR/car

enc.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 15, 1987

Senator Alarik Myrin
Star Route #1
Box 30
Altamont, Utah 84001

Dear Senator:

Thank you for your letter expressing concern for the proper disposal of produced water by injection, particularly with regard to the Victor Brown No. 1 well near Neola and the Samuel Williams No. 1-21B3 well near Upalco.

We are all becoming more conscious of the value of our groundwater resources and the continued need to protect those resources. This has been demonstrated through the enactment of many laws in recent years directed at the protection of groundwater quality. One such law, The Safe Drinking Water Act, established the nationwide Underground Injection Control (UIC) Program. The objective of this program is to regulate all injection wells in order to protect underground sources of drinking water.

The Division of Oil, Gas and Mining administers the UIC Program for the oil and gas related Class II injection wells in Utah. This program involves extensive permitting, testing, monitoring, and reporting procedures for permitting such injection wells. The Division is also conducting water studies in cooperation with the U.S. Geological Survey, to determine the underground aquifers that need to be protected and the intervals that are suitable for injection.

The program for converting the well to a water disposal well involves the pressure testing of the casing; running of a casing inspection log; recementing of the casing, if necessary; and verifying the recementing by running a cement bond log. In addition, following the reconditioning work and testing for injection potential, a radioactive tracer survey log is run to further verify that the injected fluid is entering the proper interval.

Page 2
June 15, 1987
Senator Alarik Myrin

With respect to the Victor Brown No. 1 well, the Board of Oil, Gas and Mining conducted a hearing on April 23, 1987 to consider the conversion of this well to a Class II injection well. The Board approved the conversion of the well for use as a water disposal well following extensive technical testimony. In addition, prior to the Board hearing, the Division staff performed a thorough technical review of the proposal and determined that such action would not cause contamination of any underground source of drinking water and that the injected fluids would be confined to the approved injection intervals.

With respect to the Samuel Williams No. 1-21B3 well, the Division is currently conducting a thorough investigation of the alleged contamination problem in the Upalco area. The Division staff has sampled numerous water wells in the area, compiled available data on the water wells, as well as the hydrology and geology of the area, and witnessed the performance of a casing pressure test and the running of a radioactive tracer survey on the Samuel Williams No. 1-21B3 water disposal well.

Preliminary results indicate that it is not likely that the Samuel Williams No. 1-21B3 well is a contributing factor to the alleged contamination in this area. A complete report will be prepared, upon receipt of the final water analysis reports from the State Laboratory, outlining the facts and findings of the investigation.

I hope this information alleviates your concerns regarding these injection wells. If I can be of any further assistance, please contact me.

Best regards,



Dianne R. Nielson
Director

GLH/mfp
0134U/74,75

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Copy of 4/23/87

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Injection Disposal Well

2. NAME OF OPERATOR
Rooney Operating Company

3. ADDRESS OF OPERATOR
9745 E. Hampden Ave., Suite 220, Denver, Colorado 80231

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
1390' FSL 146' FWL NE SW

14. PERMIT NO. API# 43-013-30146

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5. LEASE DESIGNATION AND SERIAL NO.
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Williams

9. WELL NO.
1-21B3

10. FIELD AND POOL, OR WILDCAT
Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.21, T2S, R3W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change Packer</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Report of well operations to change packer from Baker #47-D2 Lok-set to a Baker #92-32 Model "D" Pkr May 7 through May 9, 1987.

1. POOH w/Baker #47-D2 Lok-set packer set @ 4050'.
2. Set on wireline Baker #92-32 Model "D" packer with flapper valve bottom, coated internally and externally with TK-69 @ 4052'.
3. Production Logging Service ran Temperature, CCL, and R/A H2O Tracer Surveys to determine if any channeling exists. (Did not find any channeling). PBTB 5085', ran log from 5027' up to 3800' May 9, 1987.

RECEIVED
JUN 22 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Operations Manager DATE 6/5/87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
JUL 23 1987

DIVISION OF
OIL, GAS & MINING
NOTICE OF TRANSFER OF OWNERSHIP

Present operator: GREAT WESTERN PETROLEUM INC. Telephone: (303) 892-9191

Address: 1675 Broadway, Suite 2100

City: Denver State: CO Zip: 80202

Well no.: S. Williams21B3 Field or Unit name: Altamont

Sec.: 21 Twp.: 25 Rng.: 3W County: Duchesne Lease no. _____

Effective date of transfer: _____

David ...

Signature of present operator

July 16, 1987

X^oX^e

New operator: Rooney Operating Company

Address: 7670 South Vaughn Court

City: Englewood State: CO Zip: 80112

George L. Rooney

Signature of new operator

7/13/87

Date

(This space for DOGM approval)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 8/11/87
BY: [Signature]

Great Western Petroleum Inc. formerly Bow Valley Petroleum Inc.

Approved by: _____ Title: _____ Date: _____



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 26, 1987

Senator Alarik Myrin
Star Route #1
Box 30
Altamont, Utah 84001

Dear Senator:

As indicated in my letter of June 15, 1987, the Division staff has conducted an investigation of the alleged water well contamination problem in the Upalco area. A copy of the report of this ground water investigation project is enclosed.

The report does indicate that a slightly higher dissolved solids concentration does exist in the Rooney water well. This shallow water well which is located on the same site as the Samuel Williams No. 1-21B3 water disposal well, a former producing well with a reclaimed reserve pit, should reasonably be expected to exhibit a slightly higher concentration.

Based on the facts and findings of the investigation, it is the opinion of the Division staff that the Samuel Williams No. 1-21B3 water disposal well is not contributing to the alleged contamination of water wells or water quality in the Upalco area.

This report should satisfy your concerns regarding the Samuel Williams No. 1-21B3 water disposal well and its relationship to the water quality in the Upalco area. A much more detailed sampling and monitoring program covering a greater areal extent would be necessary to develop a complete understanding of the ground-water flow paths and the water quality variations especially as they relate to seasonal variations and fluctuations.

If we can be of further assistance, please contact me.

Best regards,


Dianne R. Nielson
Director

GLH/mfp
0134U/100

STATE OF UTAH

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Salt Water Disposal		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Rooney Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Fee
3. ADDRESS OF OPERATOR P.O. Box 1667, Vernal, Utah 84078		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1390' FSL & 1462' FWL		8. FARM OR LEASE NAME S. Williams
14. PERMIT NO. 43-013-30146	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 5834' GR	9. WELL NO. 1-21B3
		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Ne/Sw Sec 21, T2S, R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please be advised that Rooney Operating Company intends to acidize the above referenced well. We intend to acidize the existing lower Uintah injection perforations with 4500 gallons of 15 % HCL and 500 #'s of rock salt. A list of the existing perforations are as follows: 4646-50, 4682-86, 4703-06, 4726-28, 4788-92, 4833-35, 4964-68, 5025-5033. The job is scheduled to be pumped on January 9, 1990 as follows:

- 500 Gal Pad Acid
- 1000 Gal SWIC Acid
- 250 Gal Gelled Brine & Salt
- 500 Gal Pad Acid
- 1000 Gal SWIC Acid
- 250 Gal Gelled Brine & Salt
- 500 Gal Pad Acid
- 1000 Gal SWIC Acid

A complete summary to the treatment will follow upon completion of the work. Note a pre treatment tracer survey was run and a post treatment tracer is scheduled. Also note that verbal approval of the job was received by Gil Hunt.

Accepted by the State of Utah Division of Oil, Gas and Mining

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Petroleum Engineer Date 1-8-90 DATE 01-08-90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Salt Water Disposal		5. LEASE DESIGNATION AND SERIAL NO. FEE
2. NAME OF OPERATOR ROONEY OPERATING COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME FEE
3. ADDRESS OF OPERATOR P.O.Box 1667 Vernal, Utah 84078		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1390' FSL & 1462' FWL		8. FARM OR LEASE NAME S. Williams
14. PERMIT NO. 43-013-30146		9. WELL NO. 1-21B3
15. ELEVATIONS (Show whether DT, RT, OR, etc.) 5834' GR		10. FIELD AND POOL, OR WILDCAT Altamont
		11. SEC., T., R., M., OR B.LK. AND SURVEY OR ABBA NE/SW Sec.21 T2S,R3W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Temp/Tracer Logs	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

For your review, please find a copy of the pre-stimulation temp/tracer log, the stimulation job log, and a copy of the post temp/tracer log. Should you have any questions, regarding this information, please feel free to contact me at the following number: 801-789-9584

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Petroleum Engineer DATE 1-30-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO. S. Williams	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT ACQUISITION DATE	
8. FARM OR LEASE NAME	
9. WELL NO. 21B3	
10. FIELD AND POOL, OR WILDCAT Altamont	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
12. COUNTY OR PARISH Duchesne	13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER Salt Water Injection Well

2. NAME OF OPERATOR
Rooney Operating Co.

3. ADDRESS OF OPERATOR
P.O. Box 1667, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NE.SW. Section 21 Township 2 South Range 3 West

14. PERMIT NO.
43-013-30146

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note name change of operator from Rooney Operating Company to West Hazmat Oil Field Services, Inc. effective February 1, 1992.

RECEIVED

MAR 26 1992

DIVISION OF OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE V.P. DATE 3/24/92

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____ Suspense _____ Other _____
(Return Date) _____ OPERATOR CHANGE
(Location) Sec ___ Twp ___ Rng ___ (To - Initials) _____
(API No.) _____

1. Date of Phone Call: 3-31-92 Time: 8:28

2. DOGM Employee (name) L. ROMERO (Initiated Call)
Talked to:
Name STEVE ROONEY (Initiated Call) - Phone No. (801) 789-9584
of (Company/Organization) WEST HAZMAT OIL FIELD SVS/ROONEY OPERATING CO.

3. Topic of Conversation: SAMUAL WILLIAMS 1-21B3/43-013-30146
(REQ. TRANSFER OF AUTHORITY TO INJECT, SUNDRY "WEST HAZMAT", AND BOND RIDER)

4. Highlights of Conversation: _____
LEFT MESSAGE WITH HIS SECRETARY - SHOULD BE IN OFFICE AROUND 12:30 TODAY.
*11:36 / STEVE ROONEY RETURNED MY CALL. I MAILED HIM A UIC FORM 5, SUNDRY
NOTICE, AND SURETY BOND FORM 4-A. HE WILL SUBMIT THEM ASAP.

RECEIVED

JUN 10 1992

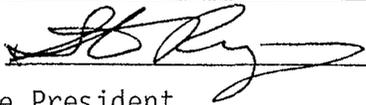
TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF
OIL GAS & MINING

Well name and number: S. Williams 1-21B3
Field or Unit name: Altamont API no. 43-013-30146
Well location: QQ NE/SW section 21 township 2S range 3W county Duchesne
Effective Date of Transfer: Feb. 1, 1992

CURRENT OPERATOR

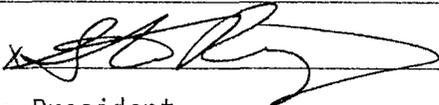
Transfer approved by:

Name Steve Rooney Company Rooney Operating Co.
Signature  Address P.O. Box 1667
Title Vice President Vernal, UT 84078
Date May 22, 1992 Phone (801-) 789-9584

Comments: Name change on Company

NEW OPERATOR

Transfer approved by:

Name Steve Rooney Company West Hazmat Oilfield Services, Inc.
Signature  Address P.O. Box 1667
Title Vice President Vernal, UT 84078
Date May 22, 1992 Phone (801-) 789-9584

Comments:

(State use only)

Transfer approved by  Title VIC MANAGER

Approval Date 6-20-92



September 1, 1992

Ms. Lisha Romero
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Suite 350, 3 Triad Center
355 W. North Temple
Salt Lake City, UT 84180-1203

Dear Lisha:

Pursuant to our conversation of August 31, 1992, enclosed please find the Agreement and Release between West Hazmat Oil Field Services, Inc. and Ernie Brown and Victor Brown of Roosevelt, Utah referred to by Steve Rooney. My understanding from our conversation is that this is the final document required in order to release The Travelers Indemnity Company from bond number 791G1227 on behalf of Rooney Operating Company, in favor of the State of Utah.

For clarification purposes, Rooney Operating Company is now known as West Hazmat Companies, Inc. Also, you will note that the Agreement and Release is not executed by Victor Brown; this is because all interests have transferred to his son, Ernie Brown, who executed this document.

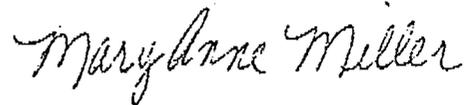
Since this will complete the release of the Victor Brown #1 well, please ignore the bond and rider issued by the American Bonding Company, number 139439, for this same well. We will cancel this bond so no further action is needed on your part.

Regarding the Sam Williams well 1-21-B3, we will be requesting a rider from the Travelers Indemnity Company for bond number 209J875-8 reflecting the assignment from Rooney Operating Company to West Hazmat Oil Field Services, Inc.

Ms. Lisha Romero
September 1, 1992
Page Two

If you have any questions or require anything further, please feel free to contact me. Thank you for your help in this matter.

Very truly yours,



Mary Anne Miller
Legal Secretary

Enclosure

cc: Steve Rooney

AGREEMENT AND RELEASE

This Agreement and Release is made this 22nd day of January, 1992, by and between West Hazmat Oil Field Services, Inc., a Colorado corporation ("WHOFIS") and Ernie Brown and Victor Brown, (Mr. Brown) Rt. 1, Box 1375, Roosevelt, Utah 84066.

1. WHOFIS shall furnish all materials, equipment, and perform all supervision and labor required to perform the following scope of work:

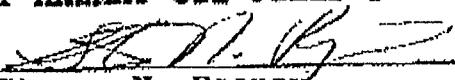
Excavate, clean, remove, transport, and dispose of five (5) underground storage tanks located at Mr. Brown's service station east of Roosevelt, Utah on U.S. Highway 40. Services performed are limited to; tank excavation, one time soil/water analysis as required by the Utah Department of Health (BTEX & TPH), transportation and disposal of the five (5) tanks and backfill of the excavation to replace tank volume. Backfill material will be bank run material and shall be compacted with a vibratory compactor.

Not included in this agreement is the removal of any gasoline dispensers or associated piping, or repaving. Also not included is the excavation, transportation or disposal of any contaminated soils that may be encountered.

2. By execution hereof, Mr. Brown hereby fully and completely releases and discharges WHOFIS, West Hazmat Companies, Inc. (Formerly Known as Rooney Operating Company), their subsidiaries and affiliated companies, officers, directors and employees from any and all site reclamation of the Victor Brown #1 well located, approximately 1980' FNL, 660' FWL, Section 3, Township 1 South, Range 2 West, Duchesne County, Utah.

In witness whereof, the parties have executed this agreement as of the day and year first above written.

WEST HAZMAT OIL FIELD SERVICES, INC.

By: 
Steven N. Rooney

its: Vice President

ERNIE BROWN



VICTOR BROWN

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LOR / GLE	<input checked="" type="checkbox"/>
2- DPT / LOR	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- ADA	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-92)

TO (new operator)	<u>WEST HAZMAT OILFIELD SVS INC</u>	FROM (former operator)	<u>ROONEY OPERATING CO.</u>
(address)	<u>P.O. BOX 1667</u>	(address)	<u>P. O. BOX 1667</u>
	<u>VERNAL, UT 84078</u>		<u>VERNAL, UT 84078</u>
	<u>STEVE ROONEY</u>		<u>STEVE ROONEY</u>
phone	<u>(801) 789-9584</u>	phone	<u>(801) 789-9584</u>
account no.	<u>N 9190</u>	account no.	<u>N 0085</u>

Well(s) (attach additional page if needed):

Name:	<u>SAMUEL WILLIAMS 1-21B3</u>	API:	<u>43-013-30146</u>	Entity:	<u>2306</u>	Sec	<u>21</u>	Twp	<u>2S</u>	Rng	<u>3W</u>	Lease Type:	<u>FEE</u>
Name:	<u>(GR-WS) (UNTA)</u>	API:		Entity:		Sec		Twp		Rng		Lease Type:	
Name:		API:		Entity:		Sec		Twp		Rng		Lease Type:	
Name:		API:		Entity:		Sec		Twp		Rng		Lease Type:	
Name:		API:		Entity:		Sec		Twp		Rng		Lease Type:	
Name:		API:		Entity:		Sec		Twp		Rng		Lease Type:	
Name:		API:		Entity:		Sec		Twp		Rng		Lease Type:	

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd Transfer of Authority to Inject 6-10-92)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Same "operator")*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-9-92)*
- See 6. Cardex file has been updated for each well listed above. *(10-9-92)*
- See 7. Well file labels have been updated for each well listed above. *(10-9-92)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-9-92)*
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) #209875-8 (20,000) "The Travelers Indemnity Company"

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. (Ref. "Rides" 6-17-92) (Ref. "Rides" 8-28-92) (Rec'd 10-9-92)
* Upon completion of routing.
- Y 2. A copy of this form has been placed in the new and former operators' bond files.
- Y 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date June 17, 1992. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
Disposal well - no royalties in volume DCS 10/24/92
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

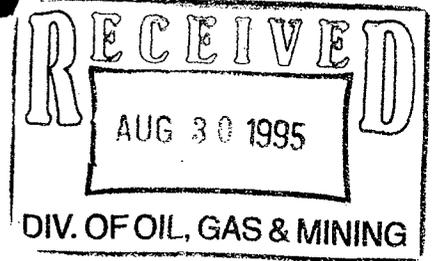
- Y 1. All attachments to this form have been microfilmed. Date: Oct 23 1992.
RWM

FILING

- Y 1. Copies of all attachments to this form have been filed in each well file.
- Y 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: S. E. Williams 1-21-b3
Field or Unit name: Altamont API no. 43-013-30146
Well location: QQ section 21 township 2S range 3W county Duchesne
Effective Date of Transfer: August 1, 1995

CURRENT OPERATOR

Transfer approved by:
Name Steve Rooney Company West Hazmat Oil Field Services
Signature [Signature] Address 12201 E. Arapahoe Rd.C-10
Title Vice President Englewood, CO 80112
Date 8-25-95 Phone (303) 792-2535
Comments:

NEW OPERATOR

Transfer approved by:
Name Steve Rooney Company Rooney Operating Company
Signature [Signature] Address P.O. Box 1667
Title Vice President Vernal, UT 84078
Date 8-25-95 Phone (801) 789-9584
Comments:
Name change only.

(State use only)
Transfer approved by [Signature] Title Person Man
Approval Date 9-6-95

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: 340001 WILLIAMS 1-2183

Field or Unit name: _____ API no. _____

Well location: QQ _____ section 21 township 2S range 3W county Duchesne

Effective Date of Transfer: 6/17/94

CURRENT OPERATOR

Transfer approved by:

Name Norman L. Rooney Company Rooney Operating Company

Signature *Norman L. Rooney* Address 12201 E. Arapahoe Rd,

Title President Englewood, Colorado 80112

Date August 15, 1995 Phone (303) 792-2535

Comments:
Please be advised that the transfer in operator reflects a name change only.

NEW OPERATOR

Transfer approved by:

Name Norman L. Rooney Company Rooney Operating Company

Signature *Norman L. Rooney* Address 12201 E. Arapahoe Rd.

Title President Englewood, Colorado 80112

Date August 15, 1995 Phone (303) 792-2535

Comments:

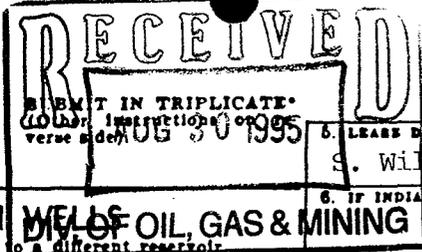
(State use only)

Transfer approved by *[Signature]* Title Executive Manager 9-6-95

Approval Date 9-6-95

10873

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION



6. LEASE DESIGNATION AND SERIAL NO.
S. Williams

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINING

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Salt Water Injection Well		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR West Hazmat Oil Field Services, Inc.		8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR P.O. Box 1667, Vernal, UT 84078		9. WELL NO. 21-B3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE.SW. Section 21 Township 2 South Range 3 West		10. FIELD AND POOL, OR WILDCAT Altamont	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

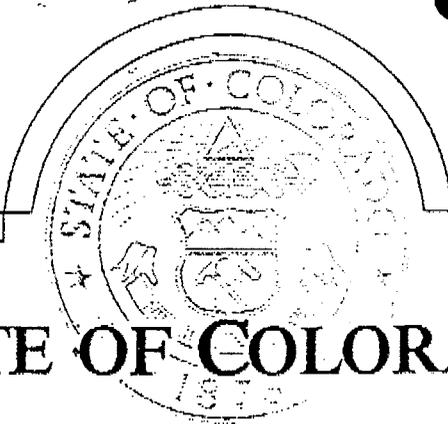
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please note name change of operator from West Hazmat Oil Field Services, Inc. to Rooney Operating Company effective December, 1, 1994.

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Vice President DATE June 15, 1995

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



STATE OF COLORADO

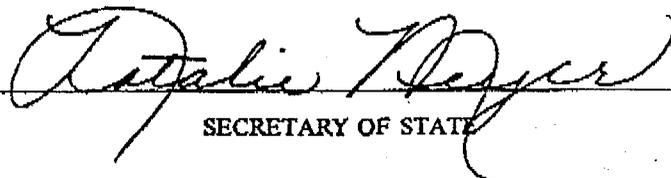
DEPARTMENT OF
STATE

CERTIFICATE

I, *NATALIE MYRER*, Secretary of State of the State of Colorado hereby certify that the prerequisites for the issuance of this certificate have been fulfilled in compliance with law and are found to conform to law.

Accordingly, the undersigned, by virtue of the authority vested in me by law, hereby issues A CERTIFICATE OF AMENDMENT TO ROONEY OPERATING COMPANY, FORMERLY KNOWN AS WEST HAZMAT OIL FIELD SERVICES, INC.

Dated: JUNE 17, 1994


SECRETARY OF STATE

SS: Form D-4 (Rev. 8/92)
Submit in Duplicate
Filing Fee: \$25.00

This document must be typewritten

MAIL TO:
Colorado Secretary of State
Corporations Office
1560 Broadway, Suite 200
Denver, Colorado 80202
(303) 894-2251

FILED COPY

CHANGE OF NAME

ARTICLES OF AMENDMENT
to the
ARTICLES OF INCORPORATION

941069065 \$25.00
508 05-17-94 08:30

Pursuant to the provisions of the Colorado Corporation Code, the undersigned corporation adopts the following Articles of Amendments to its Articles of Incorporation:

FIRST: The name of the corporation is (note 1) West Hazmat Oil Field Services, Inc.

SECOND: The following amendment to the Articles of Incorporation was adopted on June 3,
19 94, as prescribed by the Colorado Corporation Code, in the manner marked with an X below:

- Such amendment was adopted by the board of directors where no shares have been issued.
- Such amendment was adopted by a vote of the shareholders. The number of shares voted for the amendment was sufficient for approval.

Article I of the Articles of Incorporation of West Hazmat Oil Field Services, Inc. is amended by deleting the name "West Hazmat Oil Field Services, Inc." and by substituting the name "Rooney Operating Company" therefore.

THIRD: The manner, if not set forth in such amendment, in which any exchange, reclassification, or cancellation of issued shares provided for in the amendment shall be effected, is as follows: None

FOURTH: The manner in which such amendment effects a change in the amount of stated capital, and the amount of stated capital as changed by such amendment, are as follows: None

West Hazmat Oil Field Services, Inc. (Note 1)
 By [Signature] President
 and [Signature] Secretary (Note 2)
 _____ (Note 3)
 Director

- NOTES: 1. Exact corporate name of corporation adopting the Articles of Amendments. (If this is a change of name amendment the name before this amendment is filed)
 2. Signatures and titles of officers signing for the corporation.
 3. Where no shares have been issued, signature of a director.





TRANSMITTAL

Date: Aug 23, 1995

FAX Number: 801-359-3940

TO: Lisha Cordova

COMPANY: State of Utah

FROM: Patt Walker *Patt*

MESSAGE

Necessary papers re:
Williams 1-2183/W.D.W.

Please advise if you need
additional info.

Number of pages (with cover) 4

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Route No:

1-LEC	✓
2-LWP	7-PL
3-DTS	8-SJ
4-VLC	9-FLE
5-RJF	✓
6-LWP	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-17-94)

TO (new operator) <u>ROONEY OPERATING CO.</u>	FROM (former operator) <u>WEST HAZMAT OIL FIELD SERV</u>
(address) <u>12201 E ARAPAHOE RD #C10</u>	(address) <u>PO BOX 1667</u>
<u>ENGLEWOOD CO 80112</u>	<u>VERNAL UT 84078</u>
<u>STEVE ROONEY</u>	<u>STEVE ROONEY</u>
phone (303) <u>792-2535</u> # <u>W. L. H. Eng. 11/2/03</u>	phone (801) <u>789-9584</u>
account no. <u>N 0085</u>	account no. <u>N 9190</u>

Well(s) (attach additional page if needed): ***WDW**

Name *SAMUAL WILLIAMS 1-21B3	API: 43-013-30146	Entity: 2306	Sec 21	Twp 2S	Rng 3W	Lease Type: FEE
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Lepl. Bond 7-28-95)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-29-95)
- Lee 6. Cardex file has been updated for each well listed above. 9-7-95
- Lee 7. Well file labels have been updated for each well listed above. 9-7-95
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-29-95)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Le 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- NA 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) Surety # 15-79-80 / \$20,000 "Nat'l Union Fire Ins. Co. PA"

- Le 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operators' bond files. ** Upon Compl. of routing.*
- Le 3. The former operator has requested a release of liability from their bond (yes no ___ . Today's date Aug. 29, 1995. If yes, division response was made by letter dated Aug. 30, 1995. (Released bond NO. 2092875-8 (\$20,000))

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested. *Not doing this anymore per RBF. b/s 9/7/95*
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

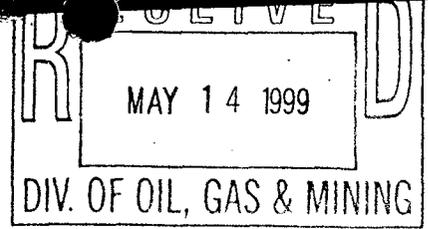
- ___ 1. All attachments to this form have been microfilmed. Date: _____ 19___.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950829 Rec'd MIC/F5 8-23-95.



MONTHLY INJECTION REPORT - UIC FORM 3

OPERATOR Rooney Operating Company
ADDRESS P.O. Box 1667, 1388 E. 1000 S.
Vernal, UT 84078

OPERATIONS MONTH/YR March 1999

CORRECTED REPORT

EPA # UT2674-02833

Well name and number: S.B. Williams 1-21B3 UIC 070

Field or Unit name: Altamont API no. 43-013-30146

Well location: QQ section 21 township 2S range 3W county Duchesne

Date	Volume Disposed	Hours In Service	Maximum Pressure	Average Operating Pres.	Tubing/Casing Annulus Pres.
1	1332	10.7	207 1500	1450	0-100
2	1198	9.6			
3	615	3.5			
4	1204	9.4			
5	1053	6.7			
6	1643	9.6			
7	1056	7.7			
8	863	8.8			
9	961	10.4			
10	461	5.0			
11	1044	8.3			
12	1028	7.5			
13	1381	10.6			
14	429	3.3			
15	1277	16.3			
16	1341	10.6			
17	—	10.4			
18	2274	8.0			
19	334	4.7			
20	1447	11.5			
21	1514	12.0			
22	1298	10.2			
23	1153	9.3			
24	966	7.7			
25	863	6.7			
26	912	5.7			
27	708	6.1			
28	1486	11.8			
29	597	4.6			
30	960	7.2	2.22		
31	722	5.4	2.22		

Total volume injected for month 32,113 bbls
All time cumulative volume injected

I certify that this report is true and complete to the best of my knowledge.

Name Cindy Rooney
Title Office Manager
Phone No. (435) 289-9584

Signature [Signature]
Date 5-7-99

MICROFILM

Pc = 200
PSIG Pt = 1000 PSIG

126 JTS 2 7/8" EUE
Brd, 6.5# T8G,
FIBER GLASS
EPOXY LINED
2.14" ID.

Small casing
leak -
location unknown.

7 5/8" 26.4# cgg

3310' TOC

BAKER #92-32
MODEL D PKR
W FLAPPER VALVE
EXT W/TK-69
SET 12,000# COM

4050'

4380' - 4382' - 8 holes
4400 - 4402 - 8 holes

124
holes
over
31'

4646'
4728'
4753' - 4755'
4788' - 4792'
4833' - 4835'
4964' - 4968'
5025' - 5033'

PBTD
5085'

5. L Designation and Serial Number

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name

Do not use this form to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: **Salt Water Disposal**

8. Well Name and Number
Samuel Williams 1-21B3

2. Name of Operator:
Rooney Operating Company

9. API Well Number:
43013 30146

3. Address and Telephone Number:
7670 S. Vaughn Court, Englewood, Co 80112

10. Field and Pool, or Wildcat:

4. Location of Well
Footage: **1462' FWL, 1390' FSL**
County: **Duchesne**
QQ, Sec., T. R. M.: **NE/SW Sec.21, T.12S, R3W**
State: **Utah**

11 **CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(SUBMIT IN Duplicate)

SUBSEQUENT REPORT
(SUBMIT Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Test
- Other
- New Construction
- Pulling or altering casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

approximate date work will start ASAP

Date of work completion _____

Report results of Multiple Completions and recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

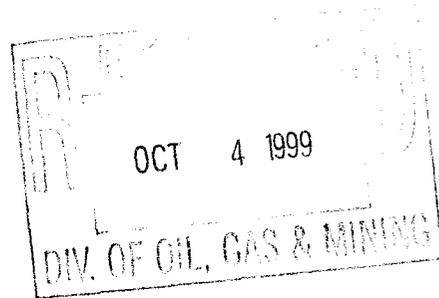
* Must be accompanied by a cement verification report

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, if well is directional drilled, give subsurface location and measure and true vertical depths for all markers and zones pertinent to this work)

Operator respectfully requests permission to plug and abandon the subject well as per the attached procedure.

APPROVED *
The Utah Division of Oil, Gas and Mining
Robert J. Krueger, PE, Petroleum Engineer

Date: 10-26-99



13

Name & Signature William A. Ryan

Title: Agent

Date 09/07/99

(This space for State use only)

* See attached procedure with revisions (2JK)

PROPOSED P&A PROCEDURE

SAM WILLIAMS #1

Day 1 Move in work over rig. Kill well w/brine water or mud as required. Install BOP's. Sting out of packer. Sting into packer and pump fresh water down tbg.

Rig up to pump cement into perforations at 4,380' to 4,792'. Pump 171 cubic feet of Halliburton cement. Displace cmt to 4,100' (25.8 bbls).

Stage squeeze cement to 4,250' (7.4 bbls). If a cement squeeze can be accomplished (squeeze w/pressure). Max pressure should be held below 1,400 psi.

Open the tbg and check for flow back. Shut well in over night.

Day 2 Open well to check for flow.

If the well has pressure bleed of pressure and establish flow back rate and pressure. Pump cmt as above.

If the well is dead RIH and tag cement plug w/sand line. Pressure test casing down the backside. Establish leak off rate. Sting out of packer and TOH. Pick up casing scraper and TIH. TOH and PU Packer. TIH testing for hole in casing.

Day 3 If the hole in the casing is below 3,310' +/- and the injection rate is less than $\frac{1}{2}$ bbls/min. TIH and set balanced cement plug 100 feet above and below the hole. If the hole in the casing is below 3,310' and the injection rate is over $\frac{1}{2}$ bbl/min. set retainer 50 feet above the hole in the csg and squeeze cement into hole. Sting out of retainer. (2)

If the hole in the casing is above 3,310' +/- and the injection rate is less than $\frac{1}{2}$ bbl/min. TIH and set balanced plug 100' above and below the hole. If the injection rate is above $\frac{1}{2}$ bbl/min. set retainer 50 feet above the hole in the csg. and squeeze cement into holes. If pump rate is above $\frac{1}{2}$ bbl/min and returns are to the surface pump Halliburton light to the surface.

Day 4 If no cement has been pumped between the 13 3/8 and 7 7/8. TOH, perforate casing at 1,546'. Pump into perms w/water. Check to see if well will circulate to surface on the 7 5/8-13 3/8 annulus.

Pump cement to fill annulus and casing.

Remove BOPs and cut off well head. (3)

Add the following where indicated above:

- (1) Tag plug; load hole with oxygen scavenger/corrosion inhibitor treated water.
- (2) Spot 25 SXS cement on top of retainer.
- (3) Set state dry hole marker.

RJK 10-26-99

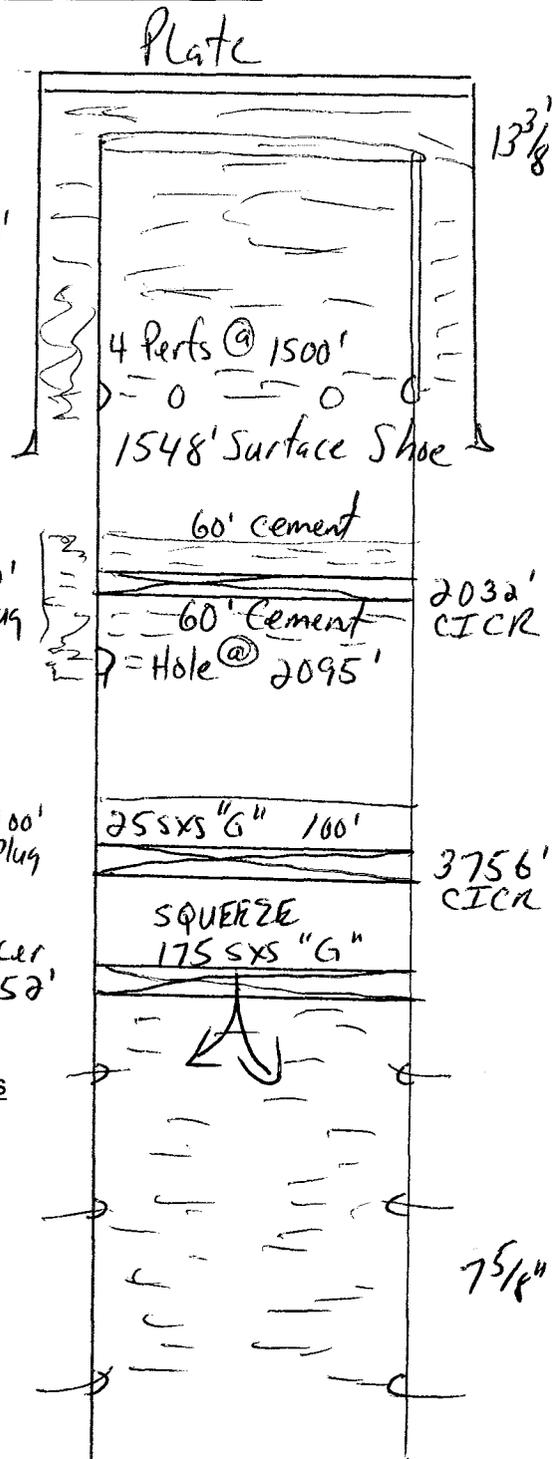
PLUGGING OPERATIONS

Well Name: SAMUEL WILLIAMS #1-21B3 API Number: 43-013-30146
 Qtr/Qtr: NE/SW Section: 21 Township: 2S Range: 3W
 Company Name: ROONEY OPERATING COMPANY
 Lease: State _____ Fee X Federal _____ Indian _____
 Inspector: DENNIS L. INGRAM Date: 12/02/99

Casing Tested: YES X NO _____ Results: HOLE IN CASING @ 2095'
 Cementing Company: HALLIBURTON

Draw a wellbore diagram as plugged:

COMMENTS: Squeeze 175 sxs "G" cement through
production packer @4052'. Set first CICR @ 3756' and
attempt a second cement squeeze (no squeeze casing test
against perms was 500 psi). Spot 25 sxs "G" cement on top
of CICR. Pick up packer & plug and find hole in 7 5/8"
csg @ 2095'. Set second CICR @ 2032' and squeeze 100 sxs
"G" cement through hole-left 3 of those barrels or 60' cement
on top of CICR. Shoot 4 holes in 7 5/8" csg @ 1500' (46' above
surface shoe) and circulate cement down 7 5/8" and up 13 3/8"
csg (all annuli full). Cement used was lead and tail 490 sxs
Halliburton Lite 13.1 ppg w/1.69 yield; middle was 345 sxs "G"
@ 15.8 ppg w/1.15 yield. A plate was welded across
the inside of the 13 3/8" surface casing sealing all of same,
with correct info welded on plate. Top plug fell back 120' and was
balanced so 7 5/8" casing was top filled with "G" cement and 5
joints 1" or 100' was used to fill 13 3/8" annuli with "G"



Attach copy of cement ticket if available.

INJECTION WELL - PRESSURE TEST

Well Name: <u>Williams 1-21B3</u>	API Number: <u>43-013-30146</u>
Qtr/Qtr: <u>NE/SW</u> Section: <u>21</u>	Township: <u>2S</u> Range: <u>3W</u>
Company Name: <u>ROONEY OPERATING Co.</u>	
Lease: State _____ Fee <u>CES</u>	Federal _____ Indian _____
Inspector: <u>DENNIS L. INGRAM</u>	Date: <u>2-16-99</u>

Initial Conditions:

Tubing - Rate: _____ Pressure: 1011 psi

Casing/Tubing Annulus - Pressure: 200 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>500</u>	<u>1011</u>
5	<u>400</u>	<u>1011</u>
10	<u>325</u>	<u>1012</u>
15	<u>275</u>	<u>1011</u>
20	<u>220</u>	<u>1012</u>
25	<u>200</u>	<u>1012</u>
30	<u>200</u>	<u>1012</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1012 psi

Casing/Tubing Annulus Pressure: 200 psi

COMMENTS: CASING LEAKED OFF FROM 500PSI TO 200PSI
IN 20 MINUTES - FAILED. OPERATOR TOLD
TO CONTINUE OPERATING & MONITOR CASING PRESSURE

Wm Ryan
 Operator Representative

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL GAS OTHER: Salt Water Disposal

2. Name of Operator:
Rooney Operating Company

3. Address and Telephone Number:
7670 S. Vaughn Court, Englewood, Co 80112

4. Location of Well

Footage: 1462' FWL, 1390' FSL
QQ, Sec., T. R. M.: NE/SW Sec.21, T12S, R3W

5. Lease Designation and Serial Number

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name:

8. Well Name and Number
Samuel Williams 1-21B3

9. API Well Number:
43-013-30146

10. Field and Pool, or Wildcat:
Bluebell

11 CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(SUBMIT IN Duplicate)

- Abandonment New Construction
 Casing Repair Pull or Alter Casing
 Change of Plans Recompletion
 Conversion to Injection Shoot or Acidize
 Fracture Treat Vent or Flare
 Multiple Completion Water Shut-Off

approximate date work will start _____

SUBSEQUENT REPORT

(SUBMIT Original Form Only)

- Abandonment * New Construction
 Casing Repair Pulling or altering casing
 Change of Plans Shoot or Acidize
 Conversion to Injection Vent or Flare
 Fracture Test Water Shut-Off
 Other

Date of work completion 12/1/99

Report results of Multiple Completions and recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, if well is directional drilled, give subsurface location and measure and true vertical depths for all markers and zones pertinent to this work)

Operator has completed the plugging and abandonment of the subject well.

Please find attached: Copies of the daily reports of operations.
Summary of operations
Halliburton Job Reports for Cement pumped.
Down hole diagram

13

Name & Signature William A. Ryan

Title: Agent

Date 12/07/99

(This space for State use only)

RECEIVED

JAN 20 2000

DIVISION OF
OIL, GAS AND MINING



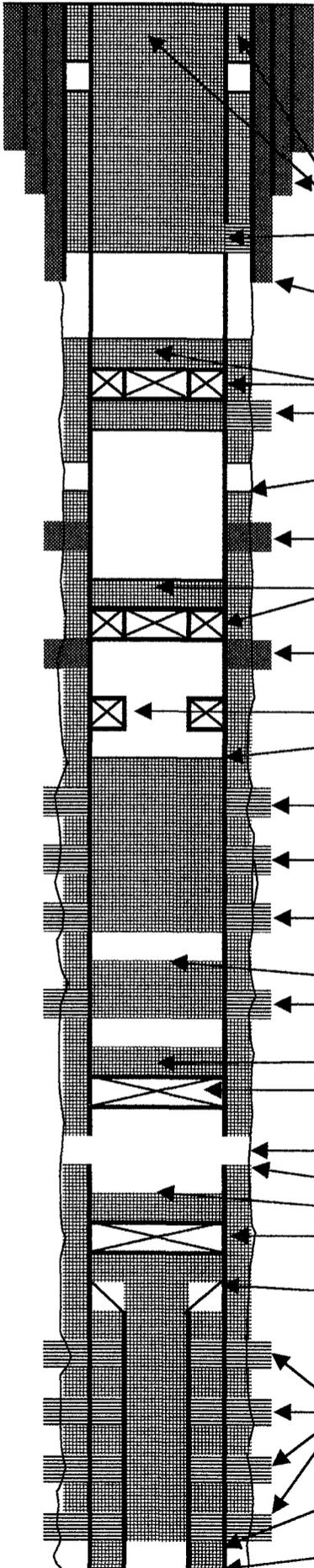
Office (801) 789-0968
Cellular (801) 823-6152

350 S. 800 E.
Vernal, UT 84078

Date **12/5/99**

GL **5,834**

Well Name:		Samuel Williams 1		Duchesne Co. Utah		
Lease Number						
Location		Section 21, T2S, R3W				
Well head W.P.						
String	Size	Depth Set	Grade	CPLG	WT.	Burst
Surface	13 3/8	1546	K-55		61	
Prod/Interm	7 5/8	10,400	K-55		26.4,29.0	
Liner	5 1/2	10,425				
Tubing	2 7/8	4057				
30" csg set @ 12'						
20" csg set @ 85'						
Top filled 120' 5 1/2 csg. Top filled 100' 7 5/8 X 13 3/8 annulus w/40 & 90 sks Prem 300 cmt						
Pref 2 shots at 1,500', Circulated to surf. Cmt w/490 sks HLC & 345 sks Prem 300 cmt						
13 3/8 csg set @ 1,546' cut off 4' below ground level. Welded plate inside of csg with dry hole information 11/30/99						
Baker Cmt Retainer at 2,032' w/40' cmt plug on top. Prem 300 cmt 15.8 ppg						
Hole in csg at 2,060' +/-, Cmt w/100 sks Prem 300 cmt, 15.8 ppg, 1.15 cuft/sk						
Top of Cement @ 3,310'						
Squeeze Perfs @ 3,600-3,602' pressure tested 11/23/99 held 1,500 psi.						
Baker Cmt Retainer at 3,756' w/40' cmt plug on top.						
Squeeze Perfs @ 4,025-4,027' pressure tested 11/23/99 held 1,500 psi.						
Cmt w/175 sks Prem 300 cmt 15.8 ppg, 1.15 cuft/sk.						
Baker Model "D" Permanent Set Packer @ 4,052'						
Squeeze cmt at 4,100' pressure tested to 1,500 psi on 11/24/99						
Injection Perfs @ 4,380-4,382'						
Injection Perfs @ 4,400-4,402'						
Injection Perfs @ 4,646-50', 4,682-86', 4,703-06', 4,726-28', 4,788-92' (124 holes)						
Top of PBDT cmt @ 5,085'						
Perf's @ 5,135-37'						
20' of cmt 5,280' to 5,300'						
Retainer @ 5,300'						
2' csg part 5324-26'						
Old cmt top @ 5324-26'						
148' cmt on top of retainer, 9002-9150'						
Retainer @ 9,150'						
5 1/2" csg, N-80, Liner top at 9,879'						
Green River Perfs Cmt'd off 9,175-10,331'						
7 5/8" csg, 26.4#, 29.0#, K-55, TD @ 10,400'						
5 1/2" csg, liner TD @ 10,425'						



ROONEY OPERATING

S WILLIAMS

1-21B3

API Well No.:

24-Nov-99
DUCHESNE

PTA

Customer Representative:

BILL RYAN

Halliburton Operator:

LEX COOK

Ticket No.:

307262



CEMENT JOB SUMMARY SHEET

Job Type **PTA**

	Size	Weight	Grade	Measured Depth
Casing				
Drill Pipe				
Tubing	2 7/8			
Hole Size				
Mud Weight				

CEMENT DATA

Spacer	Bbls			
Cement 1	PREM 300			100 Sacks
Additives				
	Weight (lb/gal)	Yield (cuft/sk) 1.15	Water (gal/sk) 5.00	
Cement 2	HLC			490 Sacks
Additives				
	Weight (lb/gal)	Yield (cuft/sk) 1.69	Water (gal/sk) 8.80	
Cement 3	PREM 300			345 Sacks
Additives				
	Weight (lb/gal)	Yield (cuft/sk) 1.15	Water (gal/sk) 5.00	
Cement 4	PREM 300			130 Sacks
Additives				
	Weight (lb/gal)	Yield (cuft/sk) 1.15	Water (gal/sk) 5.00	
Displacement			(lb/gal)	

CEMENTING EQUIPMENT

Provider		
Guide Shoe	ea.	Centralizers ea.
Float Shoe	ea.	Plug Type ea.
Float Collar	ea.	Packer ft.
DV Tool	ea.	Retainer ft.



JOB SUMMARY

SAP #/TICKET # 307262 TICKET DATE 11/24/99

REGION NORTH AMERICA LAND	NWA / COUNTRY WESTERN	BDA / STATE UTAH	COUNTY DUCHESNE
MBU ID / EMPL # GJ 0101 122074	H.E.S. EMPLOYEE NAME LEX COOK	PSL DEPARTMENT ZONAL ISOLATION	
LOCATION VERNAL	COMPANY ROONEY OPERATING	CUSTOMER REP / PHONE BILL RYAN	
TICKET AMOUNT	WELL TYPE WATER	APIWM #	
WELL LOCATION ALTMONT	DEPARTMENT ZONAL ISOLATION	SAP BOMB NUMBER	Description PTA
LEASE NAME S WILLIAMS	Well No. 1-21B3	SEC / TWP / RNG S1 / T2S / R3W	

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HR	HR	HR	HR
Lex Cook 122074				
Derrick Hughes				
Kevin Priebe				
Phil Hinkle				

H.E.S. UNIT #S / (R / T MILES)	R / T MILES			
94285	100			
54328-45210	100			
52936-75415	100			

Form. Name _____ Type: _____
 Form. Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

Date	Called Out	On Location	Job Started	Job Completed
	11/24/99	11/24/99	11/24/99	11/24/99
Time	11:00	14:00	14:58	15:31

Tools and Accessories

Type and Size	Qty	Make
Float Collar		
Float Shoe		
Centralizers		
Top Plug		
Packer		
DV Tool		
Other		
Other		
Other		

Well Data

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	u	26.4	7 5/8		0	TD	
Liner							
Liner							
Tubing	U	6.5	2 7/8		0	3,756	
Drill Pipe							
Open Hole							Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type	Density	Lb/Gal
Disp. Fluid	WATER	
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perpac Balls	Qty.	
Other		

Hours On Location

Date	Hours
11/24	3.0
Total	3.0

Operating Hours

Date	Hours
11/24	0.5
Total	0.5

Description of Job

See Job Log

Hydraulic Horsepower

Ordered	Avail.	Used

Average Rates in BPM

Treating	Disp.	Overall

Cement Left in Pipe

Feet	Reason
108.00	BALANCED PLUG

Cement Data

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
	25	PREM-300	BULK	NEAT	5.00	1.15	15.8

Summary

Circulating Breakdown	Displacement	Preflush: Gal - BBl	10	Type: WATER
Lost Returns-YES	Maximum	Load & Bkdn: Gal - BBl		Pad:Bbl -Gal
Cmt Rtm#Bbl	Lost Returns-NO	Excess /Return Gal BBl		Calc. Disp Bbl
Average	Actual TOC	Calc. TOC:		Actual Disp. 16
Shut In: Instant	Frac. Gradient	Treatment: Gal - BBl		Disp:Bbl-Gal 16
	5 Min.	Cement Slurry Gal - BBl		5
	15 Min.	Total Volume Gal - BBl		31

Frac Ring #1 _____ Frac Ring #2 _____ Frac Ring #3 _____ Frac Ring #4 _____

THE INFORMATION STATED HEREIN IS CORRECT

CUSTOMER REPRESENTATIVE _____ SIGNATURE _____



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Dear Sir's

The Sam Williams 1-21B3 water injection well has been plugged and abandoned. Please see the attached down hole diagram indicating the location of perforations, cement, packers and retainers. All operations witnessed by the State of Utah Division of Oil, Gas and Mining. The witness was Dennis Ingram.

The following is a narration of the plugging operations conducted on the subject well:

11/19/99

Duco Well Service moved on location. Located dead men and rigged up.

11/22/99

Duco on location, Nebeker on location w/brine water. Tbg press 750 psi. Rigged up to pump 100 bbls brine water down the 2 7/8 tbg. Pumped brine at 1,500 psi. Removed well head and stripped on BOP's. Nippled up BOP's and stung out of packer. Stung back into packer and ordered out Halliburton w/175 sks Prem 300 cmt. Rigged up Halliburton and pumped 175 sks cmt, 15.8 ppg, 1.15 cuft/sk neat cmt. Pumped 35.8 bbls cmt at 3 bbls/min. Displaced cmt w/28.2 bbls water (cement at 4,100'). Well did not pressure up. Shut down. Pressure decreased from 2,000 psi pumping to 900 psi shut in. Closed TIW valve. Shut down for the night.

11/23/99

Duco on location. Tbg froze. Thawed out tbg. Tubing had 900 psi on it. Blew well down. Very light flow from tbg. Pressured up on tbg w/rig pump. Injected into perfs (4,380-4,792') at 1,500-1,900 psi at 1/2 bbl/min. Rigged down pump and TOOH w/2 7/8 tbg. Picked up csg scrapper and TIH. Circulated bottoms up. TOOH w/csg scrapper. Picked up plug and packer and TIH. Set plug at 4,050' +/- . PUH to 4,000'. Pressured up on csg to 500 psi and injected into hole in csg at 1/2 bbl/min. Increased rate to 1 bbl/min. Pressuree increased to 900 psi. Set packer at 4,000'. Pressured up on perfs at 4,025-27'. Pressured up to 1,000 psi and pressure held. Moved plug to 3,630' and packer to 3,570'. Pressured up on perfs at 3,600-02'. Pressured to 1,000 psi and pressure held. Pressured up on csg to 500 psi and injected into hole at 1/2 bbl/min. Ran out of daylight. Shut down for the night.

11/24/99

Duco on location. Rigged up to pressure test csg at 3,100'. Pump froze up as soon as the cold water hit the pump. Worked on frozen lines for 2 hr. Pressure tested csg below 3,100'. Moved packer to 3,100'. Pressure tested from 3,100' to surface. Hole in csg is above 3,100'. Moved packer to 1,780'. Hole is below the packer. Moved to 2,099'. The hole is above the packer. Moved to 1,969' and hole was below the packer. Moved to 2,032'. Hole in csg is below the packer. The hole in the csg is between 2,032' and 2,099'. Picked up Baker cmt retainer and TIH to 3,756' set retainer. Rigged up Halliburton to pump cmt. Pressured up on tbg to 1,500 psi and could not inject into perfs at 4,380-4,792'. Stung out of retainer and circulated down tbg. Stung into retainer while pumping at 1/2 bbl/min. Pressured up to 1,500 psi. Shut down and pressure held. Pulled out of the retainer and pumped 25 sks cmt (40' plug in 7 5/8 csg) on top of the retainer. Halliburton Prem 300 cmt 15.8 ppg, 1.15 cuft/sk neat cmt. TOH to 500'. Ran out of daylight. Shut down for the night.

11/29/99

Duco on location. Finished TOH w/tbg. Picked up Baker retainer and TIH to 2,032'. Set packer and pumped 100 sks cmt. Halliburton Prem 300 15.8 ppg, 1.15 cuft/sk neat cmt. Displaced cmt 3 bbls short (60' +/- plug in 7 5/8 csg) and stung out of retainer. TOOH laying down tbg on trailer. Moved in backhoe to dig out well head and locate csg valve between 7 5/8 and 13 3/8 csg. Both csg head openings were bull plugged. Removed bull plug. Rigged up Halliburton and perforated at 1,500' w/two shots. Rigged up to circulate hole. Pumped 5 bbls and had full returns to surface. Ordered out cmt. Cement on location at 7:45 pm. Pumped 332 sks of Halliburton HLC cement, 13.1 ppg, 1.69 cuft/sk down 7 5/8 csg. Then pumped 345 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk neat. Tailed in with 158 sks Halliburton HLC cement, 13.1 ppg, 1.69 cuft/sk. Had full returns throughout the job. Shut down and the csg went on a vacume. No cmt returns out the 7 5/8 X 13 3/8 annulus. Closed the well in for the night. WOC. Last cmt pumped at 9:30 pm.

11/30/99

Duco on location. Picked up 2 7/8 tbg and TIH to 150' and tagged cmt. POOH w/tbg found 1 jt tbg full of cmt. Cmt top at 120' +/- . Ordered out Halliburton w/cmt to top fill csg. Used backhoe to clean out cellar for welder to cut off well head. Cut off well head. Found water at 5' on the 7 5/8 X 13 3/8 annulus. Filled 7 5/8 csg w/40 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk. Cement at the surface. Ran 100' of 1" steel pipe down the 7 5/8 X 13 3/8 annulus. Pumped 90 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk. Cement to the surface and holding at surface. Pulled 1" pipe from the annulus.

Welded steel plate inside of the 13 3/8 csg w/operator name, well number and API number. Removed oil and oil stained dirt from the well head area. Loaded soil into trucks and disposed of same at Dave Murries disposal sight. Filled wellhead area w/clean dirt. Returned the BOP's to Weatherford. Shipped tbg to town, used hot oiler to clean out the black wax oil from the rig tank.



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	12/1/99
API #	Vernal, Utah 84078	Work Date	11/30/99
District:			

Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation Temp at 7:00 am 30 deg.

Duco on location. Picked up 2 7/8 tbg and TIH to 150' and tagged cmt. POOH w/tbg found 1 jt tbg full of cmt. Cmt top at 120'+/-. Ordered out Halliburton w/cmt to top fill csg. Used backhoe to clean out cellar for welder to cut off well head. Cut off well head. Found water at 5' on 7 5/8 X 13 3/8 annulus. Filled 7 5/8 w/8.3 bbis Prem 300 cmt, 15.8 ppg cmt. Used 100' of 1" to full the annulus. Cmt at the surface on both the 7 5/8 and 7 5/8 X 13 3/8 annulus. Welded steel plate inside of the 13 3/8 csg w/operator name, well number and API number.

Removed oil and oil stained dirt from the well head area. Loaded soil into trucks and disposed of same at Dave Murries disposal sight. Filled well head area w/clean dirt. Returned the BOP's to Weatherford. Shipped tbg to town, used hot oiler to clean out the black wax oil from the rig tank.

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 802	\$ 10,367
Rig Mobilization		\$ 1,215
Trucking	\$ 400	\$ 750
Water	\$ 400	\$ 1,790
Supervision	\$ 400	\$ 2,000
Down Hole Tools		\$ 7,216
Hot Oiler		\$ -
Misc. Equip. Backhoe	\$ 1,500	\$ 2,500
Cement	\$ 5,074	\$ 21,368
Tank Rent	\$ 35	\$ 445
Logging/Perf.		\$ 1,350
BOP	\$ 150	\$ 1,350

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 8,761	\$ 50,351

Report by Bill Ryan

Report to Dale Price



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/30/99
API #	Vernal, Utah 84078	Work Date	11/29/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation Temp at 7:00 am 29 deg.

Duco on location. Finished TOH w/tbg. Picked up Baker retainer and TIH to 2,032'. Set packer and pumped 100 sks cmt. Displaced cmt 3 bbls short (60' +/-) and stung out of retainer.

TOOH laying down tbg on trailer. Moved in backhoe to dig out well head and locate valve between 7 5/8 csg and 13 3/8 csg. Both csg head openings were bull plugged. Removed bull plug and rigged up to perforate at 1500'. Perforated csg at 1,500' w/two shots. Rigged up to circulate hole. Pumped 5 bbls and had full returns to surface.

Odered out cmt. Cmt on location at 7:45 pm. Pumped cmt down 7 5/8 csg had full returns through out the job. Shut down and the csg went on a vacume and returns remained out the 7 5/8 X 13 3/8 anulas. Shut both valves and shut down for the night. WOC. Last cmt pumped at 9:30 pm.

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 3,500	\$ 9,565
Rig Mobilization		\$ 1,215
Trucking	\$ 200	\$ 350
Water	\$ 1,000	\$ 1,390
Supervision	\$ 400	\$ 1,600
Down Hole Tools	\$ 2,145	\$ 7,216
Labor		\$ -
Misc. Equip. Backhoe	\$ 1,000	\$ 1,000
Cement	\$ 9,000	\$ 16,294
Tank Rent	\$ 200	\$ 410
Logging/Perf.	\$ 1,350	\$ 1,350
BOP	\$ 750	\$ 1,200

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
Total	\$ 19,545	\$ 41,590

Report by Bill Ryan

Report to Dale Price



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/25/99
API #	Vernal, Utah 84078	Work Date	11/24/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation	Temp at 7:00 am zero deg.
Duco on location. Rigged up to pressure test csg at 3,100'. Pump froze up as soon as the water hit the pump. Worked on frozen lines for 2 hr.	
Pressure tested csg below 3,100' csg held. Pressure tested from 3,100' to surf. Hole in csg is above 3,100'. Moved packer to 1,780'. Hole below the packer. Moved packer to 2,099'.	
The hole is above the packer. Moved to 1,969' and hole was below the packer. Moved to 2,032' Hole is below the packer. The hole in the csg is between 2,032' and 2,099'.	
TOOH w/plug and packer. Picked up Baker cmt retainer and TIH to 3,756' set retainer. Rigged up Halliburton to pump cmt. Pressured up on tbg to 1,500 psi and could not inject into perfs at 4,380'. Stung out of retainer and circulated down tbg. Stung into retainer while pumping at 1/2 bbl/min. Pressured up to 1,500 psi. Shut down and pressure held. Pulled out of the retainer and pumped 25 sks cmt (40' plug) on top of the retainer. TOH to 500'. Ran out of day light SDFTD.	

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 2,265	\$ 6,065
Rig Mobilization	\$ 215	\$ 1,215
Trucking		\$ 150
Water	\$ 200	\$ 390
Supervision	\$ 400	\$ 1,200
Down Hole Tools	\$ 3,421	\$ 5,071
Labor		\$ -
Misc. Equip.		\$ -
Cement	\$ 3,000	\$ 7,294
Tank Rent	\$ 35	\$ 210
Logging/Perf.		\$ -
BOP	\$ 150	\$ 450

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 9,686	\$ 22,045

Report by Bill Ryan

Report to Dale Price



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Work Date	11/24/99
API #	Vernal, Utah 84078	Report Date	
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.		County/State	Duchesne/Utah

Yesterdays Operation

Duco on location. Tbg froze. Thawed out tbg. 900 psi on tbg. Blew well down. Very light flow from the tbg. Pressured up on tbg w/pump. Injected into perfs at 1500-1900 psi at 1/2 bbl/min. Rigged down pump and TOOH w/2 7/8 tbg. Picked up csg scrapper and TIH. Circulated bottoms up. TOOH w/csg scrapper. Picked up plug and packer and TIH. Set plug at 4,050+/-'. PUH to 4,000'. Pressured up on csg to 500 psi and injected into hole in csg at 1/2 bbl/min. Increased rate to 1 bbl/min. And pressure increased to 900 psi. Set packer at 4,000'. Pressured up on perfs at 4,025-27'. Pressured up to 1000 psi and pressure held. Moved plug to 3,630' and packer to 3,570' and pressured up on perfs at 3,600-02'. Pressured up to 1,000 psi and pressure held. Pressured up on csg to 500 psi and injected into hole at 1/2 bbl/min. Ran out of day light shut down for the night.

Water on location 100 bbls Tbg on loc.

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 2,000	\$ 3,800
Rig Mobilization		\$ 1,000
Trucking		\$ 150
Water		\$ 190
Supervision	\$ 400	\$ 800
Down Hole Tools	\$ 1,650	\$ 1,650
Labor		\$ -
Misc. Equip.		\$ -
Cement		\$ 4,294
Tank Rent	\$ 35	\$ 175
Logging/Perf.		\$ -
BOP	\$ 150	\$ 300

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 4,235	\$ 12,359

Report by **Bill Ryan**

Report to **Dale Price**



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/23/99
API #	Vernal, Utah 84078	Work Date	11/22/99
District:			

Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation

Duco Well Service moved on location. Located dead men and rigged up. (11/19/99)

Duco on location, Nebeker on location w/brine water. Tbg press 750 psi. Rigged up to pump 100 bbls brine down tbg. Pumped at 1500 psi. Removed well head and stripped on BOP's.

Nippled up BOP's and stung out of packer. Stung back into packer and ordered out Halliburton w/175 sks Prem 300 cmt. Rigged up Haliburton and pumped 175 sks cmt 15.8 ppg, 1.15 cuft/sk neat cmt.

Pumped 35.8 bbls cmt at 3 bbls/min, Displaced cmt w/28.2 bbls water. Well did not pressure up.

Shut down. Pressure decreased from 2000 psi pumping to 900 psi shut in. Closed TIW valve.

Shut down for the night.

Water on location	20 bbls	Tbg on loc.
-------------------	---------	-------------

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 1,800	\$ 1,800
Rig Mobilization	\$ 1,000	\$ 1,000
Trucking	\$ 150	\$ 150
Water	\$ 190	\$ 190
Supervision	\$ 400	\$ 400
Down Hole Tools		\$ -
Labor		\$ -
Misc. Equip.		\$ -
Cement	\$ 4,294	\$ 4,294
Tank Rent	\$ 140	\$ 140
Logging/Perf.		\$ -
BOP	\$ 150	\$ 150

Item	Daily	Cum
Well Head		\$ -
Seperator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 8,124	\$ 8,124

Report by Bill Ryan

Report to Dale Price



350 S. 800 E.
Vernal, UT 84078

Office (435) 789-0968
Cellular (435) 828-0968

Vendor	Item	Date	Amount	
B & G	Backhoe/welder/crain	11/29/99	\$2,630.00	
Baker	Tools	11/23/99	\$7,216.40	Field ticket
Circle D Services	Trucking	11/30/99	\$480.00	
Computalog	Perforating	11/29/99	\$1,350.00	
D & M Hot oil	Clean rig tank	11/30/99	\$547.50	
Duane A. Paulson	Fork lift to unload tbg	12/2/99	\$65.00	
Duco	Rig	11/19/99	\$1,215.00	
Duco	Rig	11/22/99	\$2,110.00	
Duco	Rig	11/23/99	\$2,110.00	
Duco	Rig	11/24/99	\$2,045.00	
Duco	Rig	11/29/99	\$2,436.00	
Duco	Rig	11/30/99	\$1,745.00	
Halliburton	Cement	11/22/99	\$4,294.00	Field ticket
Halliburton	Cement	11/30/99	\$16,974.34	Field ticket
Jim Nebeker Trucking	Water	11/20/99	\$190.50	
Jim Nebeker Trucking	Water	11/23/99	\$158.75	
Jim Nebeker Trucking	Water	11/23/99	\$158.75	
Jim Nebeker Trucking	Water	11/24/99	\$96.00	
Jim Nebeker Trucking	Clean cellor	11/24/99	\$48.00	
Jim Nebeker Trucking	Brine water	11/27/99	\$699.75	
Jim Nebeker Trucking	Water	11/29/99	\$264.00	
Jim Nebeker Trucking	Remove water	11/29/99	\$168.00	
Jim Nebeker Trucking	Clean tank	11/29/99	\$508.00	
Jim Nebeker Trucking	Clean tank	11/29/99	\$508.00	
Jim Nebeker Trucking	Water	11/30/99	\$240.00	
Jim Nebeker Trucking	Water	11/30/99	\$127.00	
N.J. Trucking	Pump & tank	11/22/99	\$162.00	
N.J. Trucking	Pump & tank	12/1/99	\$168.00	
Price Brothers	truck tbg	12/1/99	\$360.74	
R.N. Industries	Dis. Pit 80 bbls	11/24/99	\$361.60	
R.N. Industries	Dis. Pit 130 bbls	11/30/99	\$587.60	
R.N. Industries	Dis. Pit 80 bbls	11/30/99	\$361.60	
Rocky Mt Consulting	Supervision	11/22/99	\$475.00	
Rocky Mt Consulting	Supervision	11/23/99	\$538.75	
Rocky Mt Consulting	Supervision	11/24/99	\$471.25	
Rocky Mt Consulting	Supervision	11/29/99	\$490.00	
Rocky Mt Consulting	Supervision	11/30/99	\$487.00	
Tiger Tanks	Tank rent & trucking	11/30/99	\$816.20	
Water disposal, Inc.	Dis. Pit 130 bbls	11/29/99	\$40.00	
Water disposal, Inc.	Dis. Pit 115 bbls	11/29/99	\$65.00	
Water disposal, Inc.	Dis. Pit 115 bbls	11/29/99	\$65.00	
Water disposal, Inc.	Dis. Pit 130 bbls	11/29/99	\$30.00	
Weatherford	BOP's	11/30/99		
			\$53,864.73	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name

Do not use this form to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER: Salt Water Disposal

8. Well Name and Number
Samuel Williams 1-21B3

2. Name of Operator:
Rooney Operating Company

9. API Well Number:
43-013-30146

3. Address and Telephone Number:
7670 S. Vaughn Court, Englewood, Co 80112

10. Field and Pool, or Wildcat:
Bluebell

4. Location of Well
Footage: 1462' FWL, 1390' FSL
County: Duchesne
QQ, Sec., T. R. M.: NE/SW Sec.21, T72S, R3W
State: Utah

11 CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(SUBMIT IN Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
-
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

SUBSEQUENT REPORT

(SUBMIT Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Test
- Other
- New Construction
- Pulling or altering casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

approximate date work will start _____

Date of work completion 12/1/99

Report results of Multiple Completions and recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, if well is directional drilled, give subsurface location and measure and true vertical depths for all markers and zones pertinent to this work)

Operator has completed the plugging and abandonment of the subject well.

Please find attached: Copies of the daily reports of operations.
Summary of operations
Halliburton Job Reports for Cement pumped.
Down hole diagram

RECEIVED
DEC 14 1999
DIVISION OF
OIL, GAS AND MINING

13

Name & Signature William A. Ryan

Title: Agent

Date 12/07/99

(This space for State use only)



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Dear Sir's

The Sam Williams 1-21B3 water injection well has been plugged and abandoned. Please see the attached down hole diagram indicating the location of perforations, cement, packers and retainers. All operations witnessed by the State of Utah Division of Oil, Gas and Mining. The witness was Dennis Ingram.

The following is a narration of the plugging operations conducted on the subject well:

11/19/99

Duco Well Service moved on location. Located dead men and rigged up.

11/22/99

Duco on location, Nebeker on location w/brine water. Tbg press 750 psi. Rigged up to pump 100 bbls brine water down the 2 7/8 tbg. Pumped brine at 1,500 psi. Removed well head and stripped on BOP's. Nipped up BOP's and stung out of packer. Stung back into packer and ordered out Halliburton w/175 sks Prem 300 cmt. Rigged up Halliburton and pumped 175 sks cmt, 15.8 ppg, 1.15 cuft/sk neat cmt. Pumped 35.8 bbls cmt at 3 bbls/min. Displaced cmt w/28.2 bbls water (cement at 4,100'). Well did not pressure up. Shut down. Pressure decreased from 2,000 psi pumping to 900 psi shut in. Closed TIW valve. Shut down for the night.

11/23/99

Duco on location. Tbg froze. Thawed out tbg. Tubing had 900 psi on it. Blew well down. Very light flow from tbg. Pressured up on tbg w/rig pump. Injected into perms (4,380-4,792') at 1,500-1,900 psi at 1/2 bbl/min. Rigged down pump and TOOH w/2 7/8 tbg. Picked up csg scrapper and TIH. Circulated bottoms up. TOOH w/csg scrapper. Picked up plug and packer and TIH. Set plug at 4,050' +/- . PUH to 4,000'. Pressured up on csg to 500 psi and injected into hole in csg at 1/2 bbl/min. Increased rate to 1 bbl/min. Pressure increased to 900 psi. Set packer at 4,000'. Pressured up on perms at 4,025-27'. Pressured up to 1,000 psi and pressure held. Moved plug to 3,630' and packer to 3,570'. Pressured up on perms at 3,600-02'. Pressured to 1,000 psi and pressure held. Pressured up on csg to 500 psi and injected into hole at 1/2 bbl/min. Ran out of daylight. Shut down for the night.

11/24/99

Duco on location. Rigged up to pressure test csg at 3,100'. Pump froze up as soon as the cold water hit the pump. Worked on frozen lines for 2 hr. Pressure tested csg below 3,100'. Moved packer to 3,100'. Pressure tested from 3,100' to surface. Hole in csg is above 3,100'. Moved packer to 1,780'. Hole is below the packer. Moved to 2,099'. The hole is above the packer. Moved to 1,969' and hole was below the packer. Moved to 2,032'. Hole in csg is below the packer. The hole in the csg is between 2,032' and 2,099'. Picked up Baker cmt retainer and TIH to 3,756' set retainer. Rigged up Halliburton to pump cmt. Pressured up on tbg to 1,500 psi and could not inject into perms at 4,380-4,792'. Stung out of retainer and circulated down tbg. Stung into retainer while pumping at 1/2 bbl/min. Pressured up to 1,500 psi. Shut down and pressure held. Pulled out of the retainer and pumped 25 sks cmt (40' plug in 7 5/8 csg) on top of the retainer. Halliburton Prem 300 cmt 15.8 ppg, 1.15 cuft/sk neat cmt. TOH to 500'. Ran out of daylight. Shut down for the night.

11/29/99

Duco on location. Finished TOH w/tbg. Picked up Baker retainer and TIH to 2,032'. Set packer and pumped 100 sks cmt. Halliburton Prem 300 15.8 ppg, 1.15 cuft/sk neat cmt. Displaced cmt 3 bbls short (60' +/- plug in 7 5/8 csg) and stung out of retainer. TOOH laying down tbg on trailer. Moved in backhoe to dig out well head and locate csg valve between 7 5/8 and 13 3/8 csg. Both csg head openings were bull plugged. Removed bull plug. Rigged up Halliburton and perforated at 1,500' w/two shots. Rigged up to circulate hole. Pumped 5 bbls and had full returns to surface. Ordered out cmt. Cement on location at 7:45 pm. Pumped 332 sks of Halliburton HLC cement, 13.1 ppg, 1.69 cuft/sk down 7 5/8 csg. Then pumped 345 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk neat. Tailed in with 158 sks Halliburton HLC cement, 13.1 ppg, 1.69 cuft/sk. Had full returns throughout the job. Shut down and the csg went on a vacume. No cmt returns out the 7 5/8 X 13 3/8 annulus. Closed the well in for the night. WOC. Last cmt pumped at 9:30 pm.

11/30/99

Duco on location. Picked up 2 7/8 tbg and TIH to 150' and tagged cmt. POOH w/tbg found 1 jt tbg full of cmt. Cmt top at 120'+/-. Ordered out Halliburton w/cmt to top fill csg. Used backhoe to clean out cellar for welder to cut off well head. Cut off well head. Found water at 5' on the 7 5/8 X 13 3/8 annulus. Filled 7 5/8 csg w/40 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk. Cement at the surface. Ran 100' of 1" steel pipe down the 7 5/8 X 13 3/8 annulus. Pumped 90 sks of Halliburton Prem 300 cement, 15.8 ppg, 1.15 cuft/sk. Cement to the surface and holding at surface. Pulled 1" pipe from the annulus.

Welded steel plate inside of the 13 3/8 csg w/operator name, well number and API number. Removed oil and oil stained dirt from the well head area. Loaded soil into trucks and disposed of same at Dave Murries disposal sight. Filled wellhead area w/clean dirt. Returned the BOP's to Weatherford. Shipped tbg to town, used hot oiler to clean out the black wax oil from the rig tank.



RECEIVED
 NOV 23 1999
 11:23 AM
 350 S. 800 E.
 Vernal, UT 84078

Office (435) 789-0968
 Cellular (435) 828-0968

350 S. 800 E.
 Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/23/99
API #	Vernal, Utah 84078	Work Date	11/22/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig:	Duco Well Serv.	County/State	Duchesne/Utah

Yesterdays Operation

Duco Well Service moved on location. Located dead men and rigged up. (11/19/99)

Duco on location, Nebeker on location w/brine water. Tbg press 750 psi. Rigged up to pump 100 bbls brine down tbg. Pumped at 1500 psi. Removed well head and stripped on BOP's. Nipped up BOP's and stung out of packer. Stung back into packer and ordered out Halliburton w/175 sks Prem 300 cmt. Rigged up Haliburton and pumped 175 sks cmt 15.8 ppg, 1.15 cuft/sk neat cmt.

Pumped 35.8 bbls cmt at 3 bbls/min, Displaced cmt w/28.2 bbls water. Well did not pressure up. Shut down. Pressure decreased from 2000 psi pumping to 900 psi shut in. Closed TIW valve. Shut down for the night.

Water on location 20 bbls Tbg on loc.

Item	Daily	Cum	Item	Daily	Cum
Location & Roads		\$ -	Well Head		\$ -
Rig-Day Work	\$ 1,800	\$ 1,800	Seperator		\$ -
Rig Mobilization	\$ 1,000	\$ 1,000	Dehydrator		\$ -
Trucking	\$ 150	\$ 150	Drip Pot		\$ -
Water	\$ 190	\$ 190	Tanks 300		\$ -
Supervision	\$ 400	\$ 400	Tanks 100		\$ -
Down Hole Tools		\$ -	Tank Heater		\$ -
Labor		\$ -	Meter		\$ -
Misc. Equip.		\$ -	Valves & Fittings		\$ -
Cement	\$ 4,294	\$ 4,294	Csg		\$ -
Tank Rent	\$ 140	\$ 140	Tbg		\$ -
Logging/Perf.		\$ -			\$ -
BOP	\$ 150	\$ 150			\$ -
			Total	\$ 8,124	\$ 8,124

Report by Bill Ryan

Report to Dale Price



Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Work Date	11/24/99
API #	Vernal, Utah 84078	Report Date	
District:			

Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation

Duco on location. Tbg froze. Thawed out tbg. 900 psi on tbg. Blew well down. Very light flow from the tbg. Pressured up on tbg w/pump. Injected into perfs at 1500-1900 psi at 1/2 bbl/min. Rigged down pump and TOOH w/2 7/8 tbg. Picked up csg scrapper and TIH. Circulated bottoms up. TOOH w/csg scrapper. Picked up plug and packer and TIH. Set plug at 4,050+/-'. PUH to 4,000'. Pressured up on csg to 500 psi and injected into hole in csg at 1/2 bbl/min. Increased rate to 1 bbl/min. And pressure increased to 900 psi. Set packer at 4,000'. Pressured up on perfs at 4,025-27'. Pressured up to 1000 psi and pressure held. Moved plug to 3,630' and packer to 3,570' and pressured up on perfs at 3,600-02'. Pressured up to 1,000 psi and pressure held. Pressured up on csg to 500 psi and injected into hole at 1/2 bbl/min. Ran out of day light shut down for the night.

Water on location	100 bbls	Tbg on loc.
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Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 2,000	\$ 3,800
Rig Mobilization		\$ 1,000
Trucking		\$ 150
Water		\$ 190
Supervision	\$ 400	\$ 800
Down Hole Tools	\$ 1,650	\$ 1,650
Labor		\$ -
Misc. Equip.		\$ -
Cement		\$ 4,294
Tank Rent	\$ 35	\$ 175
Logging/Perf.		\$ -
BOP	\$ 150	\$ 300

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -

Total	\$ 4,235	\$ 12,359
-------	----------	-----------

Report by **Bill Ryan**

Report to **Dale Price**



RECEIVED
NOV 27 1999
Oil, Gas & Minerals

Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/25/99
API #	Vernal, Utah 84078	Work Date	11/24/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig:	Duco Well Serv.	County/State	Duchesne/Utah

Yesterdays Operation Temp at 7:00 am zero deg.

Duco on location. Rigged up to pressure test csg at 3,100'. Pump froze up as soon as the water hit the pump. Worked on frozen lines for 2 hr.

Pressure tested csg below 3,100' csg held. Pressure tested from 3,100' to surf. Hole in csg is above 3,100'. Moved packer to 1,780'. Hole below the pacher. Moved packer to 2,099'.

The hole is above the packer. Moved to 1,969' and hole was below the packer. Moved to 2,032' Hole is below the packer. The hole in the csg is between 2,032' and 2,099'.

TOOH w/plug and packer. Picked up Baker cmt retainer and TIH to 3,756' set retainer. Rigged up Halliburton to pump cmt. Pressured up on tbg to 1,500 psi and could not inject into perms at 4,380'. Stung out of retainer and circulated down tbg. Stung into retainer while pumping at 1/2 bbl/min. Pressured up to 1,500 psi. Shut down and pressure held. Pulled out of the retainer and pumped 25 sks cmt (40' plug) on top of the retainer. TOH to 500'. Ran out of day light SDFTD.

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 2,265	\$ 6,065
Rig Mobilization	\$ 215	\$ 1,215
Trucking		\$ 150
Water	\$ 200	\$ 390
Supervision	\$ 400	\$ 1,200
Down Hole Tools	\$ 3,421	\$ 5,071
Labor		\$ -
Misc. Equip.		\$ -
Cement	\$ 3,000	\$ 7,294
Tank Rent	\$ 35	\$ 210
Logging/Perf.		\$ -
BOP	\$ 150	\$ 450

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 9,686	\$ 22,045

Report by **Bill Ryan**

Report to **Dale Price**



RECEIVED
OIL COMPANY
VERNAL, UT

Office (435) 789-0968
Cellular (435) 828-0968

350 S. 800 E.
Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	11/30/99
API #	Vernal, Utah 84078	Work Date	11/29/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation Temp at 7:00 am 29 deg.

Duco on location. Finished TOH w/tbg. Picked up Baker retainer and TIH to 2,032'. Set packer and pumped 100 sks cmt. Displaced cmt 3 bbls short (60' +/-) and stung out of retainer. TOOH laying down tbg on trailer. Moved in backhoe to dig out well head and locate valve between 7 5/8 csg and 13 3/8 csg. Both csg head openings were bull plugged. Removed bull plug and rigged up to perforate at 1500'. Perforated csg at 1,500' w/two shots. Rigged up to circulate hole. Pumped 5 bbls and had full returns to surface. Odered out cmt. Cmt on location at 7:45 pm. Pumped cmt down 7 5/8 csg had full returns through out the job. Shut down and the csg went on a vacume and returns remained out the 7 5/8 X 13 3/8 anulas. Shut both valves and shut down for the night. WOC. Last cmt pumped at 9:30 pm.

Item	Daily	Cum
Location & Roads		\$ -
Rig-Day Work	\$ 3,500	\$ 9,565
Rig Mobilization		\$ 1,215
Trucking	\$ 200	\$ 350
Water	\$ 1,000	\$ 1,390
Supervision	\$ 400	\$ 1,600
Down Hole Tools	\$ 2,145	\$ 7,216
Labor		\$ -
Misc. Equip. Backhoe	\$ 1,000	\$ 1,000
Cement	\$ 9,000	\$ 16,294
Tank Rent	\$ 200	\$ 410
Logging/Perf.	\$ 1,350	\$ 1,350
BOP	\$ 750	\$ 1,200

Item	Daily	Cum
Well Head		\$ -
Separator		\$ -
Dehydrator		\$ -
Drip Pot		\$ -
Tanks 300		\$ -
Tanks 100		\$ -
Tank Heater		\$ -
Meter		\$ -
Valves & Fittings		\$ -
Csg		\$ -
Tbg		\$ -
		\$ -
		\$ -
Total	\$ 19,545	\$ 41,590

Report by **Bill Ryan**

Report to **Dale Price**



RECEIVED
 12/13/99
 11:00 AM
 350 S. 800 E.
 Vernal, UT 84078

Office (435) 789-0968
 Cellular (435) 828-0968

350 S. 800 E.
 Vernal, UT 84078

Daily Report

AFE #	Rooney Operating	Tel.	435-789-8892
Lease #	981 So. 1500 E.	Fax	435-789-3340
Prospect: Rocky Mountain	P.O. Box 1788	Report Date	12/1/99
API #	Vernal, Utah 84078	Work Date	11/30/99
District:			
Well Name: S. Williams 1-21B3	Location	NE/SW Section 1, T2S, R3W	
Field:			
Completion Rig: Duco Well Serv.	County/State	Duchesne/Utah	

Yesterdays Operation Temp at 7:00 am 30 deg.

Duco on location. Picked up 2 7/8 tbg and TIH to 150' and tagged cmt. POOH w/tbg found 1 jt tbg full of cmt. Cmt top at 120'+/-. Ordered out Halliburton w/cmt to top fill csg. Used backhoe to clean out cellar for welder to cut off well head. Cut off well head. Found water at 5' on 7 5/8 X 13 3/8 annulus. Filled 7 5/8 w/8.3 bbls Prem 300 cmt, 15.8 ppg cmt. Used 100' of 1" to full the annulus. Cmt at the surface on both the 7 5/8 and 7 5/8 X 13 3/8 annulus. Welded steel plate inside of the 13 3/8 csg w/operator name, well number and API number.

Removed oil and oil stained dirt from the well head area. Loaded soil into trucks and disposed of same at Dave Murries disposal sight. Filled well head area w/clean dirt. Returned the BOP's to Weatherford. Shipped tbg to town, used hot oiler to clean out the black wax oil from the rig tank.

Item	Daily	Cum	Item	Daily	Cum
Location & Roads		\$ -	Well Head		\$ -
Rig-Day Work	\$ 802	\$ 10,367	Separator		\$ -
Rig Mobilization		\$ 1,215	Dehydrator		\$ -
Trucking	\$ 400	\$ 750	Drip Pot		\$ -
Water	\$ 400	\$ 1,790	Tanks 300		\$ -
Supervision	\$ 400	\$ 2,000	Tanks 100		\$ -
Down Hole Tools		\$ 7,216	Tank Heater		\$ -
Hot Oiler		\$ -	Meter		\$ -
Misc. Equip. Backhoe	\$ 1,500	\$ 2,500	Valves & Fittings		\$ -
Cement	\$ 5,074	\$ 21,368	Csg		\$ -
Tank Rent	\$ 35	\$ 445	Tbg		\$ -
Logging/Perf.		\$ 1,350			\$ -
BOP	\$ 150	\$ 1,350			\$ -
			Total	\$ 8,761	\$ 50,351

Report by **Bill Ryan**

Report to **Dale Price**

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER
SALT LAKE CITY, UTAH 84111-1495
(801) 531-8446
TELECOPIER (801) 531-8468
E-MAIL: mail@pgblaw.com

SENIOR COUNSEL:

ROBERT G. PRUITT, JR.
OLIVER W. GUSHEE, JR.

OF COUNSEL:

ROBERT G. PRUITT, III

THOMAS W. BACHTELL
A. JOHN DAVIS, III
FREDERICK M. MACDONALD
GEORGE S. YOUNG
ROBERT S. THOMPSON, III*
ANGELA L. FRANKLIN
WILLIAM E. WARD
SHAWN T. WELCH
RELMA M. MILLER
MATTHEW L. CROCKETT

*ADMITTED IN COLORADO AND
WISCONSIN ONLY

November 7, 2002

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

Ms. Cindi Rooney
Rooney Operating Co.
12201 East Arapahoe Road, C-10
Englewood, CO 80112

Re: Samuel Williams Fee 1-21B3 Well

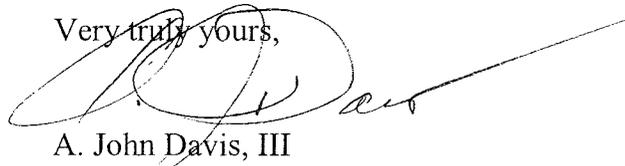
Dear Ms. Rooney:

According to the records at the Utah Division of Oil, Gas and Mining, Rooney Operating Co. is the operator of the subject well located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, T20S, R30W of the Uintah Special Meridian in Duchesne County, Utah. The well is located on fee surface owned by our client, Myrin Ranch, Inc. According to the Utah Division of Oil, Gas and Mining ("DOG M"), this well was plugged in 1999.

As an operator of an oil and gas well in Utah you must operate according to DOGM's administrative rules. By Rule R649-3-34, you are required to restore the well site to the requirements of the private surface owner or to the minimum well requirements established by DOGM within one year of well plugging unless an extension is granted by DOGM. You have failed to restore the well site within one year of plugging. As you know, DOGM holds your bond for this well and your bond liability remains until you have completed satisfactory restoration of the well site.

This letter is Myrin Ranch's demand that you immediately commence and complete restoration of the subject well site. You may contact me regarding Myrin Ranch's requirements for surface restoration. If I have not received your reply by November 20, 2002, I will notify DOGM and request that the Division begin proceedings to forfeit your bond under R649-3-34. Govern yourself accordingly.

Very truly yours,



A. John Davis, III

cc: Gil Hunt, Utah Division of Oil, Gas and Mining
Alarik F. Myrin

AJD/aw
1069.19
Pruitt/1069/19/corr/rooney op ltr

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER
SALT LAKE CITY, UTAH 84111-1495
(801) 531-8446
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THOMAS W. BACHTELL
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SENIOR COUNSEL:
ROBERT G. PRUITT, JR.
OLIVER W. GUSHEE, JR.
OF COUNSEL:
ROBERT G. PRUITT, III

*ADMITTED IN COLORADO AND
WISCONSIN ONLY

January 6, 2003

Mr. Gil Hunt
Technical Services Manager
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT, 84114-5801

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING

Re: Samuel Williams Fee 1-21B3, API No. 43-
0133-0146

Dear Mr. Hunt:

As you know, Myrin Ranch, Inc. is the surface owner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, Township 20 South, Range 30 West of the Uintah Special Meridian in Duchesne County, Utah. Rooney Operating Co. is the operator of the subject well located on Myrin Ranch's fee surface.

According to Division of Oil, Gas & Mining ("DOGM") records, this well was plugged and abandoned on December 10, 1999. Since that time, Rooney Operating has not completed restoration of the well site. Utah Administrative Code R649-3-34.4 requires that well site restoration on lands with "fee or private ownership shall be completed within one (1) year following the plugging of a well unless an extension is approved by the division for just and reasonable cause." More than one year has elapsed since the well was plugged.

On November 7, 2002, I wrote a letter on behalf of Myrin Ranch demanding site restoration at the subject well. The letter was delivered by certified mail to Rooney Operating's designated contact person at its address on record with DOGM. Rooney Operating did not respond to the demand letter nor did it commence or complete restoration of the well site. A copy of that demand letter is attached for your reference.

Myrin Ranch now seeks administrative assistance from the division to have the site restoration completed. We request that pursuant to the division's authorized powers, DOGM take those administrative actions necessary to compel site restoration by Rooney

Division of Oil, Gas and Mining

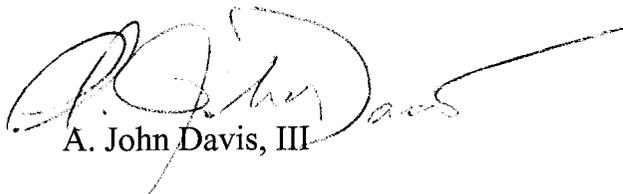
January 6, 2003

Page 2

Operating, or forfeit Rooney's bond and have the wellsite restored by a third party contractor under DOGM's direction.

Thank you for your assistance and please contact me if you have any questions or need additional information.

Very truly yours,

A handwritten signature in black ink, appearing to read "A. John Davis, III", with a long horizontal flourish extending to the right.

A. John Davis, III

AJD/MLC:aw

Enclosure

1069.19

/1069/19/corr/dogm ltr

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0024 9268 8948

--	--

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	

Postmark
Here

Ms. Cindi Rooney
Rooney Operating Co.
12201 East Arapahoe Road, C-10
Englewood, CO 80112

by mailer)
.....
.....

FILE COPY

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

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SHAWN T. WELCH
RELMA M. MILLER
MATTHEW L. CROCKETT

*ADMITTED IN COLORADO AND
WISCONSIN ONLY

November 7, 2002

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

Ms. Cindi Rooney
Rooney Operating Co.
12201 East Arapahoe Road, C-10
Englewood, CO 80112

Re: Samuel Williams Fee 1-21B3 Well

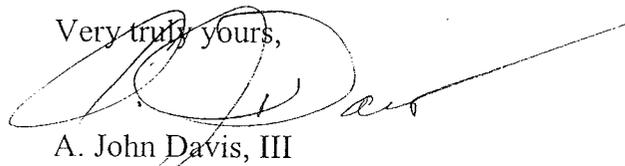
Dear Ms. Rooney:

According to the records at the Utah Division of Oil, Gas and Mining, Rooney Operating Co. is the operator of the subject well located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, T20S, R30W of the Uintah Special Meridian in Duchesne County, Utah. The well is located on fee surface owned by our client, Myrin Ranch, Inc. According to the Utah Division of Oil, Gas and Mining ("DOGM"), this well was plugged in 1999.

As an operator of an oil and gas well in Utah you must operate according to DOGM's administrative rules. By Rule R649-3-34, you are required to restore the well site to the requirements of the private surface owner or to the minimum well requirements established by DOGM within one year of well plugging unless an extension is granted by DOGM. You have failed to restore the well site within one year of plugging. As you know, DOGM holds your bond for this well and your bond liability remains until you have completed satisfactory restoration of the well site.

This letter is Myrin Ranch's demand that you immediately commence and complete restoration of the subject well site. You may contact me regarding Myrin Ranch's requirements for surface restoration. If I have not received your reply by November 20, 2002, I will notify DOGM and request that the Division begin proceedings to forfeit your bond under R649-3-34. Govern yourself accordingly.

Very truly yours,



A. John Davis, III

cc: Gil Hunt, Utah Division of Oil, Gas and Mining
Alarik F. Myrin

AJD/aw
1069.19

Pruitt/1069/19/corr/rooney op ltr

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
Samuel Williams 1-21B3
(Loc.) Sec 21 Twp 25 Rng 3W
(API No.) 43-013-30146

Suspense _____
(Return Date) _____
 Other _____
(To-Initials) _____

1. Date of Phone Call: 1-8-03 Time: 4:00

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to:
Name Steve Rooney (Initiated Call) - Phone No. (435) 789-9584
of (Company/Organization) Rooney Operating Co. (H0085)

3. Topic of Conversation: req. final site restoration on plugged well.

4. Highlights of Conversation:
1/8/02 No ans.
1/9/02 No ans.

Norm Rooney - Steve's Father (Assoc. w/ Rooney Operating & Rooney Eng)
Clark Ashton - Rooney Eng. Inc. (company not associated with
Steve Rooney since 1998-1999)
* Rooney Fabrication, Vernal, check Dept. Commerce records. (Expired Registration)
→ CFO Michael Hurley - Rooney Operating Co. will call 1/9/03 (303) 792-2535
3:15 faxed copies of letters & relayed info. & referred to DoGM
website (RB49-3-1 & RB49-3-34). No address or contact # for Steve or Norm Rooney.
Steve Hurley will follow-up on matter & respond by Tuesday, 14th. (1-14-03)
He thought final restoration had been completed, and seems willing to
make sure the work is completed.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Sam Williams Suspense Other
1-2183 (Return Date) _____
(Loc.) Sec 21 Twp 25 Rng 3W (To-Initials) _____
(API No.) 43-013-30146 _____

1. Date of Phone Call: 1-16-03 Time: 2:00

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to:
Name Michael Hurley (Initiated Call) - Phone No. (303) 792-2535
of (Company/Organization) Rooney Operating Co.

3. Topic of Conversation: Well site restoration for the above well.

4. Highlights of Conversation: _____

Follow-up to phone conversation of 1-8-2003.
Referred to Jim Thompson / Bonding and suggested that
he contact John Davis, Pruitt, Gushue & Bachtell or the
surface owner, Myrin Ranch, to resolve issue.
I asked Mr. Hurley to keep me apprised of outcome
He seems willing to follow through & resolve matter.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Sam Williams
1-21B3
(Loc.) Sec 21 Twp 25 Rng 3W
(API No.) 43-013-30146

Suspense
(Return Date) _____
(To-Initials) _____
 Other

1. Date of Phone Call: 1-23-2003 Time: 10:00

2. DOGM Employee (name) J. Cordove (Initiated Call)
Talked to:
Name Michael Hurley (Initiated Call) - Phone No. (303) 792-2535
of (Company/Organization) Rooney Operating Co.

3. Topic of Conversation: well site restoration.

4. Highlights of Conversation:
Lt msg - Ans. machine
He contacted John Davis, Atty and was told there are a couple of tanks on location that need to be moved, also a pump e. needing. Mr. Davis gave him the surface owners phone # but he has not contacted them. He plans to get someone on location to estimate the clean-up costs and will go from there. He will call tomorrow with follow-up information.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File S Williams 1-2183

Suspense

Other

(Loc.) Sec 21 Twp 29 Rng 30
(API No.) 43-013-30146

(Return Date) _____

(To-Initials) _____

1. Date of Phone Call: 1-24-2003 Time: 10:00

2. DOGM Employee (name) J. Cordova (Initiated Call)

Talked to:

Name Mike Hurley (Initiated Call) - Phone No. (303) 792-2535
of (Company/Organization) Rooney Operating

3. Topic of Conversation: well site restoration.

4. Highlights of Conversation: _____

He confirmed w/ Surety company "Nat'l Union Fire Ins. Co. of PA" that bond is still valid, that premiums are being paid, & that the surety is backed up with collateral coverage. He plans to get written document from "Myrin Ranch" regarding restoration relief they are seeking. He also plans on getting someone out on location to get an estimate for cleanup costs. He then plans on getting the location restored & landowner release, which will be followed by a request for bond release, so that he can pay the contractor for the completed work. He will keep the Division informed of status.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File 5 Williams 1-21B3
43-013-30146
(Loc.) Sec 21 Twp 25 Rng 3W
(API No.) 43-013-30146

Suspense
(Return Date) _____
(To-Initials) _____

Other

1. Date of Phone Call: 2-3-03 Time: 3:40

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to:
Name A. John Davis, Atty (Initiated Call) - Phone No. () 531-8446
of (Company/Organization) Pruitt, Busher & Bachell

3. Topic of Conversation: Rooney Operating / Myrin Ranch Inc.

4. Highlights of Conversation: _____

msg.
2/4/03 Mr. Davis stated that Mike Hurley has contacted
him & Myrin Ranch Inc. (surface owner) and has been
provided with information regarding surface owners
reclamation requests.

He has not heard from Mike Hurley or Myrin Ranch Inc.
for the past few days, yet expressed that it was
good that operator "Mike Hurley" is communicating
with the surface owner.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File S. Williams 1-2163

Suspense

Other

(Loc.) Sec 21 Twp 25 Rng 3w
(API No.) 43-013-30146

(Return Date) _____

(To-Initials) _____

1. Date of Phone Call: 2-24-03 Time: 11:30

2. DOGM Employee (name) P. Cordore (Initiated Call)

Talked to:

Name Mike Hurley (Initiated Call) - Phone No. (303) 792-2535
of (Company/Organization) Rooney Operating

3. Topic of Conversation: well site restoration - follow up.

4. Highlights of Conversation:

Mr. Hurley is still waiting on contractor estimates for reclamation work. Says there are (2) tanks & a shed with electrical parts that need to be removed & possibly slight grading & reseeding work.

He is also trying to clear up bonding issue. Says, Surety company first told him there was collateral backing up the surety bond, but now they are not being very direct. They are supposed to be calling him back, he will call them again. He can't line up contractor who bond clarification. Bond records moved from Phoenix to New York because of a fire per Mr. Hurley per conversation with Surety Co.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File S. Williams 1-2183

Suspense

Other

(Loc.) Sec 21 Twp 25 Rng 3w

(Return Date) _____

(API No.) 43-013-30146

(To-Initials) _____

1. Date of Phone Call: 3-18-03 Time: 3:00

2. DOGM Employee (name) J. Cordova (Initiated Call)
Talked to: 705-9329
Name Mike Hurley (Initiated Call) - Phone No. (303) 792-2535
of (Company/Organization) Rooney Operating

3. Topic of Conversation: Follow-up "well site restoration"

4. Highlights of Conversation: _____

msg. left

3-28-03 msg. ans. machine
3-31-03 msg. ans. machine
4-14-03 msg. ans. machine

* 4-16-03 Mike Hurley left me a message that he is still trying to get specific's on bond from surety company. He stated "Marsh A16" had indicated complications with surety bond. I'm not sure who "Marsh A16" is. I will follow-up.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File Samuel Williams
1-21B3
(Loc.) Sec 21 Twp 25 Rng 3W
(API No.) 43-013-30146

Suspense
(Return Date) _____
(To-Initials) _____

Other
Bond File
Pooney Operating Co.
15-79-80

1. Date of Phone Call: 5-20-03 Time: 4:29

2. DOGM Employee (name) J. Cordova (Initiated Call)

Talked to:

Name Michael Coyne (Initiated Call) - Phone No. (212) 770-7000
of (Company/Organization) National Union Fire Ins. Co. of PA - Subsidiary Company of AIG.
(AIG "American International Group")

3. Topic of Conversation: Bond status, bond for future proceedings
to follow. (Pooney Operating Co)

4. Highlights of Conversation: _____

Bond cancelled & closed 3.31-2003.
Bond issued to The Anschutz Corp?

* Faxed bond & requested a review of bond cancellation.
(Why was bond cancelled, who was notified, DOGM never received cancellation notice, how is Anschutz associated with bond, bond should not be cancellable, what steps will be taken next by Surety (AIG) Company?)

TRANSACTION REPORT

P. 01

MAY-21-2003 WED 02:47 PM

FOR: OIL, GAS & MINING 801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	02:43	PM 12123443246	3' 23"	5	SEND	OK	102	
TOTAL :						3M 23S	PAGES:	5



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 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

Michael O. Leavitt
 Governor

Lowell P. Braxton
 Division Director

**DIVISION OF OIL, GAS AND MINING
 FACSIMILE COVER SHEET**

DATE: May 21, 2003

FAX #: 212-344-3246

ATTN: Michael Coyne

COMPANY: AIG (National Union Fire Ins. Co. of Pittsburgh, PA)

DEPARTMENT: Surety

NUMBER OF PAGES: (INCLUDING THIS ONE) 5

FROM: Lisha Cordova (801) 538-5296



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
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Michael O. Leavitt
 Governor
 Lowell P. Braxton
 Division Director

DIVISION OF OIL, GAS AND MINING
 FACSIMILE COVER SHEET

DATE: May 21, 2003

FAX #: 212-344-3246

ATTN: Michael Coyne

COMPANY: AIG (National Union Fire Ins. Co. of Pittsburgh, Pa)

DEPARTMENT: Surety

NUMBER OF PAGES: (INCLUDING THIS ONE) 5

FROM: Lisha Cordova (801) 538-5296

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340. We are sending from a Sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGE: Rooney Operating Co. - Samuel Williams 1-2183

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

This bond replaces The Travlers Indemnity
Company Bond No. 209J875-8
Effective August 5, 1995

Form DQM-2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

B O N D

Bond No. 15-79-80

KNOW ALL MEN BY THESE PRESENTS:

That Rooney Operating Company
principal office at 12201 E. Arapahoe Road, C-10, Englewood CO 80112
in the County of Arapahoe, in the State of Colorado
as Principal and National Union Fire Insurance Company of Pittsburgh, Pa

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

Samuel Williams 1-21B3 located 1462 feet from West line, 1390 feet from South
line. North East of South West Section 21, T2S, R3W, Duchesne County, Utah

NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of Twenty Thousand and No/100-----(\$ 20,000.00--)

Witness our hand and seal, this 5th day of August 19 95

Rooney Operating Company

By: [Signature] Principal
Vice President

Witness our hand and seal, this 11th day of July 19 95

National Union Fire Insurance Company
of Pittsburgh, PA.

By: [Signature] Surety Attorney-in-fact
Connie S. Kerr

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)

American Home Assurance Co
National Union Fire Insurance Company of Pittsburgh, Pa.

Principal Bond Office: 70 Pine Street, New York, N.Y. 10270

POWER OF ATTORNEY

No. 04-B-13820

KNOW ALL MEN BY THESE PRESENTS:

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, Pa., a Pennsylvania corporation, does each hereby appoint

---Vivienne Douglas, Harriet J. Hunt, Paul Giunto, Donald R. Sicard, Connie S. Kerr: of Denver, Colorado---

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. have each executed these presents



this 6 day of April, 1992.

Mark E. Reagan
Mark E. Reagan, Senior Vice President

STATE OF NEW YORK }
COUNTY OF NEW YORK}ss.

On this 6 day of April, 1992.
before me came the above named officer of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa., to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporations thereto by authority of his office.

JOSEPH B. NOZZOLIO
Notary Public, State of New York
No. 01-NO4652754
Qualified in Westchester County
Term Expires Jan. 31, 1994

Joseph B. Nozzolio

CERTIFICATE

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. on May 18, 1976:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

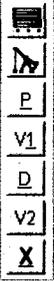
I, Elizabeth M. Tuck, Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, Pa. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of each corporation



this 11th day of July, 1995

Elizabeth M. Tuck
Elizabeth M. Tuck, Secretary



WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

WELL NAME API NUMBER WELL TYPE WELL STATUS

OPERATOR ACCOUNT # OPERATOR APPROVED BY BLM / BIA

DESIGNATED OPERATOR ACCOUNT

FIELD NAME FIELD NUMBER FIRST PRODUCTION 1972 LA / PA DATE 1999

WELL LOCATION:

SURF LOCATION

Q. S. T. R. M.

COUNTY

UTM Coordinates:

SURFACE - N BHL - N

SURFACE - E BHL - E

LATITUDE

LONGITUDE

CONFIDENTIAL FLAG

CONFIDENTIAL DATE

DIRECTIONAL | HORIZONTAL

HORIZONTAL LATERALS

ORIGINAL FIELD TYPE

WILDCAT TAX FLAG

CB-METHANE FLAG

ELEVATION

BOND NUMBER / TYPE

LEASE NUMBER

MINERAL LEASE TYPE

SURFACE OWNER TYPE

INDIAN TRIBE

C.A. NUMBER

UNIT NAME

CUMULATIVE PRODUCTION:

OIL

GAS

WATER

COMMENTS

Company **Bonds** Date Mod 05/10/2002

General Wells

Sub Co. of AIG

Guarantor NAT'L UNION FIRE INS CO PA / AIG ~~Fire~~ Services

Bond No. 157980

Phone [] X [] TaxID []

Operator ROONEY OPERATING CO # 80085

Purpose Plugging Bond

Typ Instrument Surety

Amount \$20,000

Bond Status Active

Maximum No. of Wells 1

Rating A++

DATES Approval 07/28/1995 Released [] Cancel []

Effective 07/11/1995 Expire [] Renewal []

HOLOS	Recrd#	Hold Type	Reason	Begin Dt	End Dt	Description

NOTES 950831 OP NM FR WEST HAZMAT BOND #209J875-8 (\$20,000) REL: 5-10-02 PULLED FILE TO RESEARCH

American International Group

(212) 770-7000

175 Water Street

NY NY 10038

5/20/03

referred to

877-520-4636

8:00 PM

referred to:

Michael Coyne (Sweeties)

212-770-1346

Incidents/Spills

Well Inspections

Date Mod 01/08/2003

Inspection Tracking Press/Rest

API Well No. 43-013-30146-00-00 Owner **ROONEY OPERATING CO** County **DUCHESNE**
 Well Name **SAMUAL WILLIAMS FEE 1-21B3**
 WI Type **Water Disposal** Fclty/Proj **NA** Well Status **Plugged and Abandoned**
 Well S-T-R **S: 21 T: 2S R: 3W**
 Directions

Inspect No.	Type	Purpose	Operator at Time of Inspection
JLT0005689	Plugging		ROONEY OPERATING CO 80085

Violation? SNC? C PA'd, needs final rehab & inspection.

Notification Type
 m
 m
 n
 t
 Write Violation

Date Inspected 12/02/1999
 Date NOV
 Date RndyReq
 Date Extension
 Date Passed

Failed Items

Fail Code	Status	Description

Comply# Incident# Inspector **Dennis Ingram**

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT OIL AND GAS REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION LOGS
 DATABASE QUERY

OPERATOR DATA

COMPANY NAME SEARCH BY NAME

ACCOUNT NUMBER SEARCH BY NUMBER

*Steve Rooney
 Rooney Operating
 10 Box 1668
 Vernal Ut. 84078
 (435) 789-9524*

COMPANY NAME	ADDRESS	CITY	STAT	ZIP COD	COMPANY CONTACT	COMPANY PHC	ACTIVE	FAX
ROGAN ET AL							N	
ROMEX CORPORATION							N	
▶ ROONEY OPERATING CO	12201 E ARAPAHOE RD C10	ENGLEWOOD	CO	80112	CINDY ROONEY	4357899584	N	
ROSE, VERL	P O BOX 26	LOMA	CO	81524		9708589297	Y	
ROSELAND OIL & GAS INC	1724 E 15TH ST	TULSA	OK	74104	REBECCA BYERS	9187420028	N	
ROSEN OIL CO	605 SUTTON PL	WICHITA	KS		W DON QUIGLEY		N	
ROSEWOOD RESOURCES INC	P O BOX 1668	VERNAL	UT	84078	JILL HENRIE	4357890414	Y	
ROSS EXPLORATION INC	P O BOX 757	ROOSEVELT	UT	84066	MAX L ROSS	4357224469	N	
ROSS OPERATING & MGMT CO	900 SLATTERY BLDG	SHREVEPORT	LA	71163	ALLEN ROSS	3182224900	N	
ROSSBERG, KENNETH	4744 W 4835 S	KEARNS	UT	84118			N	
ROYAL OIL DEVELOPMENT CO							N	
ROYAL RESOURCES CORP							N	
ROYCE R LATIMER	90 N MAIN	MOAB	UT		ROYCE R LATIMER	8012535976	N	
ROYSTER, HARRY							N	
RUBY, GLEN ET AL							N	
RUDDICK, A B							N	
RYAN, V PAT							N	
RYDER SCOTT OIL CO							N	
S & S MINING CO							N	
S FOX COMPANY							N	

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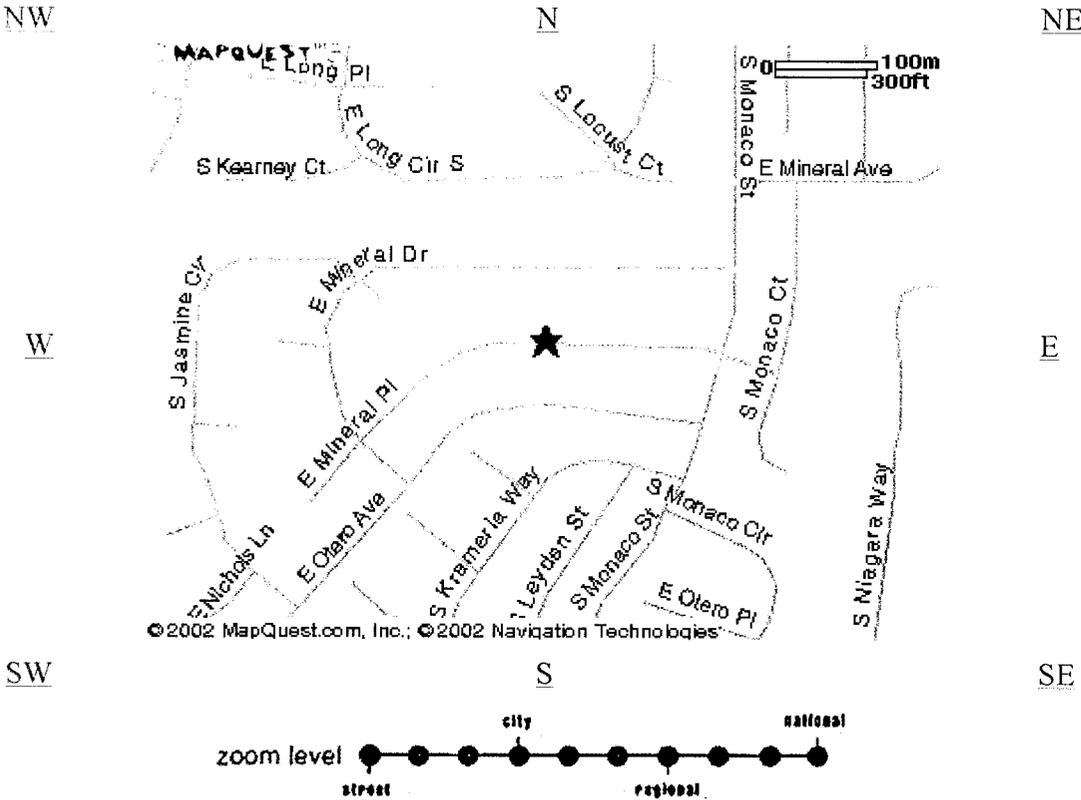
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6329 e mineral place centennial CO 80112

Steve Rooney of Rooney Up?
(720) 529-3583



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- SLTRIBUNE
- SPANISH TRANSLATIONS
- U OF U JOBLIST
- US EPA-MAIN
- US EPA-TRAINING
- US TREASURY
- WATER RIGHTS-MAIN
- WATER RIGHTS-PLS T...
- WATER RIGHTS-UTM T...
- WATER RIGHTS POINT

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DIRECTORY SEARCH

- Business Listings**
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- Local Information

Who you searched for: "rooney" in "VERNAL, Utah" and surrounding area.

What you can do: [Start a new search](#) | [Get search tips](#)

Alphabetical Listings

Rooney Cindy
 7863 W Red Cloud Loop Rd Vernal UT 84078
[add to address book](#)

(435) 789-8727 *1/4/03 msg.*

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 - Cannot find server
 - Treasury's Listing of ...
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 - Utah Golf Association
 - The Weather Channel ...
 - Utah's Online Oil & Ga...
 - weather.com - Local ...
 - OGHoops
 - Utah Trustlands
 - Rating Search - Rating...



business entity search

Name	Type	City	Status
ROONEY OPERATING COMPANY	Corporation	ENGLEWOOD CO	Expired

Principal Information

Position	Name	Address
Director	NORMAN L ROONEY	12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 80112
Director	CORTLANT S DIETLER	12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 80112
Director	J.B. LADD	12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 80112
President	NORMAN L ROONEY	12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 80112
Registered Agent	C T CORPORATION SYSTEM	50 W BROADWAY 8TH FLOOR SALT LAKE CITY UT 841012006
Secretary	LYNN T WOOD	12201 E ARAPAHOE RD C-10 ENGLEWOOD CO 80112

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- Add...
 - Organize...
 - Channels
 - Gateway, Inc. Recom...
 - Links
 - Media
 - Backups
 - Documents
 - MSN
 - Web Events
 - Favorites
 - My Documents
 - A.M. Best Rating Infor...
 - Cannot find server
 - Treasury's Listing of ...
 - Utah Press Association
 - Imported bookmarks
 - UTAH DIVISION OF OI...
 - Deseret News Grid Pi...
 - The Weather Channel ...
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 - The Weather Channel ...
 - Utah's Online Oil & Ga...
 - weather.com - Local ...
 - OGHoops
 - Utah Trustlands
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business entity search

Utah Department of Commerce

Name	Type	City	Status
ROONEY OPERATING COMPANY	Corporation	ENGLEWOOD CO	Expired

Business Name: ROONEY OPERATING COMPANY
Entity Number: 919556-0143
Registration Date: 12/30/1985
State of Origin: CO

Address

12201 E ARAPAHOE RD C-10
 ENGLEWOOD CO 80112

Status

Status: Expired
Status Description: Voluntarily Withdrawn
This Status Date: 9/2/1993
Last Renewed: 12/16/1992

- Favorites
- Add...
 - Organize...
 - Channels
 - Gateway, Inc. Recom...
 - Links
 - Media
 - Backups
 - Documents
 - MSN
 - Web Events
 - Favorites
 - My Documents
 - A.M. Best Rating Infor...
 - Cannot find server
 - Treasury's Listing of ...
 - Utah Press Association
 - Imported bookmarks
 - UTAH DIVISION OF OI...
 - Deseret News Grid Pi...
 - The Weather Channel ...
 - Utah Golf Association
 - The Weather Channel ...
 - Utah's Online Oil & Ga...
 - weather.com - Local ...
 - OGHoops
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business entity search

Name	Utah Business Entity Search Type	City	Status
ROONEY OPERATING COMPANY	Corporation	SALT LAKE CITY UT	Expired

Principal Information

Position	Name	Address
Director CFO	MICHAEL P HURLEY	12201 E ARAPAHOE RD STE C10 ENGLEWOOD CO 80112
Director	NORMAN L ROONEY	12201 E ARAPAHOE RD STE C10, ENGLEWOOD CO 80112
Director	RICHARD C BIRD	12201 E ARAPAHOE RD STE C10 ENGLEWOOD CO 80112
President	RICHARD C BIRD	12201 E ARAPAHOE RD STE C10 ENGLEWOOD CO 80112
Registered Agent	C T CORPORATION SYSTEM	50 W BROADWAY 8TH FLOOR SALT LAKE CITY UT 841012006
Secretary	LYNN T WOOD	12201 E ARAPAHOE RD STE C10, ENGLEWOOD CO 80112
		17701 E ARAPAHOE STE C10

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 - Links
 - Media
 - Backups
 - Documents
 - MSN
 - Web Events
 - Favorites
 - My Documents
 - A.M. Best Rating Infor...
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 - Treasury's Listing of ...
 - Utah Press Association
 - Imported bookmarks
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 - Deseret News Grid Pi...
 - The Weather Channel ...
 - Utah Golf Association
 - The Weather Channel ...
 - Utah's Online Oil & Ga...
 - weather.com - Local ...
 - OGHoops
 - Utah Trustlands
 - Rating Search - Rating



Utah Department of Commerce

business entity search

Name	Type	City	Status
ROONEY OPERATING COMPANY	Corporation	SALT LAKE CITY UT	Expired

Business Name: ROONEY OPERATING COMPANY
Entity Number: 998203-0143
Registration Date: 4/25/1988
State of Origin: CO

Address
 50 W BROADWAY 8TH FLOOR
 SALT LAKE CITY UT 841012006

Status
Status: Expired
Status Description: Failure to File Renewal
This Status Date: 10/1/2001
Last Renewed: 4/16/1999

- Favorites
- Add...
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 - Links
 - Media
 - Backups
 - Documents
 - MSN
 - Web Events
 - Favorites
 - My Documents
 - A.M. Best Rating Infor...
 - Cannot find server
 - Treasury's Listing of ...
 - Utah Press Association
 - Imported bookmarks
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Utah Department of Commerce

business entity search

Name	Type	City	Status
ROONEY FABRICATION COMPANY	Corporation	CASTLE ROCK UT	Expired

Business Name: ROONEY FABRICATION COMPANY
Entity Number: 1442464-0143
Registration Date: 2/18/1999
State of Origin: CO

Address
 2301 TOURNAMENT CT
 CASTLE ROCK UT 80104

Status
Status: Expired
Status Description: Failure to File Renewal
This Status Date: 10/1/2001
Last Renewed: 6/8/2000

- Favorites
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 - Channels
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 - Links
 - Media
 - Backups
 - Documents
 - MSN
 - Web Events
 - Favorites
 - My Documents
 - A.M. Best Rating Infor...
 - Cannot find server
 - Treasury's Listing of ...
 - Utah Press Association
 - Imported bookmarks
 - UTAH DIVISION OF OIL...
 - Deseret News Grid Pi...
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 - Utah Golf Association
 - The Weather Channel ...
 - Utah's Online Oil & Ga...
 - weather.com - Local ...
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Utah Department of Commerce

business entity search

Name	Type	City	Status
ROONEY FABRICATION COMPANY	Corporation	CASTLE ROCK UT	Expired

Principal Information

Position	Name	Address
President	STEVEN N ROONEY	7863 W RED CLOUD LOOP RD VERNAL UT 84078
Registered Agent	STEVEN N ROONEY	7863 W RED CLOUD LOOP RD VERNAL UT 84078
Secretary	PEGGY ROONEY	2501 TOURNAMENT CT CASTLE ROCK CO 80104
Treasurer	NORMAN L ROONEY	2501 TOURNAMENT CT CASTLE ROCK CO 80104
Vice President	TERRY SIMPER	490 W 500 S VERNAL UT 84078

Additional Principals on file at Division of Corporations: N

CORPORATE RECORDS TIK TO ROONEY /
MIKE HURLEY

REVIEW SURFACE USE AGREEMENT.
CALL JOHN DAVIS ABOUT NOV. TO
BACKUP REQUEST

COST ESTIMATE
EVIDENCE GATHERING CLINT

May 21, 2003

Michael Hurley
Rooney Operating Company
12201 East Arapahoe Road, Suite C10
Englewood, Colorado 80112-3918

NOT
SENT

Re: Samual Williams Fee 1-21B3 - Section 21, Township 2 South, Range 3 West,
Duchesne County, Utah, API No. 43-013-30146

Dear Mr. Hurley:

The Division of Oil, Gas and Mining (the "Division") received letter's dated November 7, 2002 (copy attached), and January 6, 2003 (copy attached), from the law offices of Pruitt, Gushee & Bachtell, representing Myrin Ranch Inc. ("Myrin Ranch"), the surface owner of the above referenced well. Myrin Ranch is seeking well site restoration or bond forfeiture for the purpose of restoring the well site.

Division staff has contacted you several times during the past four months in an effort to resolve this matter. As of this day, final well site restoration has not been completed.

The Samual Williams Fee 1-21B3 ("1-21B3") well was satisfactorily plugged on December 1, 1999. However, Myrin Ranch has not released Rooney Operating Company ("Rooney Operating") from well site restoration liability.

Please be advised that, in accordance with The Oil & Gas Conservation General Rules, rule R649-3-1 et al, Bonding, and rule R649-3-34 et al, Well Site Restoration (copies attached), Rooney Operating is required to either restore the well site or forfeit bonding.

Page 2
Rooney Operating Company
May 21, 2003

Rooney Operating has provided the Division with bond coverage for the 1-21B3 well, Surety bond No. 157980, issued by National Union Fire Insurance Company of Pittsburgh PA, in the amount of \$20,000, effective July 11, 1995. Rule R649-3-1.2, Bonding, states "a bond furnished to the division shall be payable to the division and conditioned upon the faithful performance by the operator of the duty to plug each dry or abandoned well, repair each well causing waste or pollution, and maintain and restore the well site.

Rooney Operating has (30) thirty days, from receipt of this letter, to respond to this request for well site restoration. In the event that Rooney Operating fails to respond within the given time, the Division will begin bond forfeiture proceedings, in accordance with rule R649-3-1.16, et al.

If you have any questions regarding this matter please call me at (801) ~~538-5297~~.

Sincerely,

~~Gil Hunt~~
~~Technical Services Manager, Oil & Gas~~

lc

Enclosure(s)

cc: John Baza, Associate Director, Oil & Gas
Pruitt, Gushee & Bachtell, A. John Davis, III
Myrin Ranch Inc., Alarik F. Myrin
National Union Fire Insurance Company of Pittsburgh PA
Well File

TALKED TO JOHN DAVIS 12-JUN-03
ABOUT SURFACE USE. THERE MAY
BE NONE

NEED REASON FOR ISSUANCE OF
NOV BEFORE BOND FORFEITURE
COULD BE UNDERTAKEN.

JOHN AGREED TO CONTACT OWNER
ABOUT SULA AND POSSIBLE CAUSE
FOR NOV.















2003 6 24









State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

21 July 2003

Certified Mail 7002 0510 0003 8603 2052

Mr. Michael Hurley
Rooney Operating Company
12201 East Arapahoe Road, Suite C10
Englewood, Colorado 80112-3918

Re: Notice Of Violation, Samual Williams Fee 1-21B3 API No. 43-013-30146, NE SW Section 21, Township 2 South, Range 3 West, Duchesne County, Utah

Dear Mr. Hurley:

On January 6, 2003 the Division of Oil, Gas & Mining received a landowner complaint concerning the Samual Williams Fee 1-21B3 well that was operated as a disposal well by your company from 1986 until December of 1999 when it was plugged.

On June 24, 2003 division personnel inspected the location and found that the surface restoration has not been completed.

The Division therefore cites you for being in violation of the Oil and Gas Conservation General Rules R649-3-34 Subparts as follows:

3. For all land included in the well site for which the surface is fee or private ownership, the operator shall meet the well site restoration requirements of the private landowner or the minimum well site restoration requirements established by the division.

4. Well site restoration on lands with fee or private ownership shall be completed within one (1) year following the plugging of a well unless, an extension is approved by the division, for just and reasonable cause.

11. The operator shall be responsible for meeting the requirements of any surface use agreement, and it shall be assumed by the division, until notified otherwise, that surface use agreements remain in full force and effect until all the requirements of the agreement are satisfied or until the agreement has been terminated by mutual consent of the involved parties.

Page 2
Rooney Operating Company
July 21, 2003

You are hereby given 30 days to show the division that:

- A. You have entered into an agreement with the surface owner to finish the restoration of this site.
- B. Provide the division with a timetable for the cleanup and restoration to be completed.
- C. Meet for an on-site inspection, if necessary.

You may contact the division by calling Mike Hebertson at 801-538-5333, or Clinton Dworshak at 801-538-5280. Should you feel inclined to rely on our expertise, Division personnel will be available upon request to attend any on-site inspection.

Sincerely,



K. Michael Hebertson
Manager, Hearings and Enforcement

ts

cc: John Baza
Dustin Doucet
Clint Dworshak



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

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Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

21 July 2003

A. John Davis III
Pruitt, Gushee, & Bachtell
Suite 1850 Beneficial Life Building
Salt Lake City, Utah 84111-1495

Re: Samual Williams Fee 1-21B3 API No. 43-013-30146, NE SW Section 21, Township 2 South, Range 3 West, Duchesne County, Utah

Dear Mr. Davis,

On the afternoon of June 24, 2003 personnel of the Division of Oil, Gas & Mining visited the site of the Samuel Williams Fee 1-21B3 well, that is located on land owned by your client Myrin Ranch Inc. The purpose of the visit was to assess, if possible, any visible pollution involving oil and gas activities at the site. Other than poor housekeeping and deterioration of the equipment left at the site, there appears to be no significant oil production, or saltwater disposal related pollution at this site. It does appear that the operator has not completed the abandonment of the site in a "workmanlike manner", and has left the site looking more like a dump for used equipment than a restored location.

Previous communications with you, and research by the division, of the Corporate Records of the State of Utah, have established that a Mr. Michael Hurley, of Rooney Operating Company, 12201 East Arapahoe Road, Suite C10, Englewood Colorado, 80112-3918, is also the same Michael Hurley that was associated with Rooney Operating at the time this well was abandoned.

Under rule R649-3-34 the Division has the Regulatory Authority to set the minimum requirements of restoration in this matter. However it is the opinion of the division that restoration of the site can be accomplished faster and more cost effectively between Myrin Ranch Inc. and Rooney Operating, than by division intervention.

The Division of Oil, Gas & Mining suggests that Myrin Ranch Inc. and Rooney Operating set an onsite meeting within the next 30 days to discuss the extent of the reclamation needed. At your request the division will have a representative attend the meeting and participate in the on-site review process.

Page 2
Pruitt, Gushee, & Bachtell
July 21, 2003

Should you want division participation for the on-site meeting, please contact Mike Hebertson at 801-538-5333, or Clinton Dworshak at 801-538-5280.

Sincerely,



K. Michael Hebertson
Manager, Hearings & Enforcement

ts

cc: John Baza
Dustin Doucet
Clint Dworshak



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

*Earlene's direct line
538-5336*

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 9/10/2003
FAX #: 531-8468
ATTN: Matt Crockett 531-8446
COMPANY: _____
DEPARTMENT: _____
NUMBER OF PAGES: (INCLUDING THIS ONE) 5
FROM: Earlene Russell 538-5336

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.
We are sending from a Sharp facsimile machine. Our telecopier number is (801)359-3940.

MESSAGE: re. Rooney Operating Bond

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

This bond replaces The Travlers Indemnity
 Company Bond No. 209J875-8
 Effective August 5, 1995

Form DGM-2

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

BOND

Bond No. 15-79-80

KNOW ALL MEN BY THESE PRESENTS:

That Rooney Operating Company
 principal office at 12201 E. Arapahoe Road, C-10, Englewood CO 80112,
 in the County of Arapahoe, in the State of Colorado,
 as Principal and National Union Fire Insurance Company of Pittsburgh, PA

as Surety, authorized to do business in this State, are held and firmly bound unto
 the State in the penal sum as indicated, lawful money of the United States, for
 which payment, will and truly be made to the State of Utah for the use and benefit
 of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of
 our heirs, executors, administrators or successors, and assigns jointly and
 severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound
 principal proposes to drill a well or wells for oil, gas or stratigraphic purposes
 in and upon the following described land situated within the State of Utah, to wit:

Samuel Williams 1-2183 located 1462 feet from West line, 1390 feet from South
line. North East of South West Section 21, T2S, R3W, Duchesne County, Utah

NOW THEREFORE, if the above bound principal shall comply with all of the
 provisions of the laws of this State, and the rules and regulations and orders of
 the Division of Oil, Gas and Mining of the State, including, but not limited to the
 proper plugging of said well or wells, and filing with said Division of the State,
 all notices and records required by said office, then this obligation is void;
 otherwise, the same shall be and remain in full force and effect.

Penal Sum of Twenty Thousand and No/100----- (\$ 20,000.00--)

Witness our hand and seal, this 5th day of August 19 95

Rooney Operating Company

By: [Signature] Vice President Principal

Witness our hand and seal, this 11th day of July 19 95

National Union Fire Insurance Company
of Pittsburgh, PA.

By: [Signature] Surety Attorney-in-fact
Connie S. Kerr

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)

American Home Assurance Co any
National Union Fire Insurance Company of Pittsburgh, Pa.

Principal Road Office: 70 Pine Street, New York, N.Y. 10270

POWER OF ATTORNEY

No. 04-B-13820

KNOW ALL MEN BY THESE PRESENTS:

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, Pa., a Pennsylvania corporation, does each hereby appoint

-- Vivienne Douglas, Harriet J. Hunt, Paul Giunto, Donald R. Sicard, Connie S. Kerr: of Denver, Colorado---

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. have each executed these presents



this 6 day of April, 1992.

Mark E. Reagan
Mark E. Reagan, Senior Vice President

STATE OF NEW YORK)
COUNTY OF NEW YORK)ss.

On this 6 day of April, 1992.

before me came the above named officer of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa., to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporations thereto by authority of his office.

Joseph B. Nozzolio

JOSEPH B. NOZZOLIO
Notary Public, State of New York
No. 01-MO4652754
Qualified in Westchester County,
Term Expires Jan. 31, 1994

CERTIFICATE

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. on May 18, 1976:

*RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

*RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

*RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

I, Elizabeth M. Tuck, Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, Pa. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and the Powers of Attorney-issued pursuant thereto, are true and correct, and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of each corporation

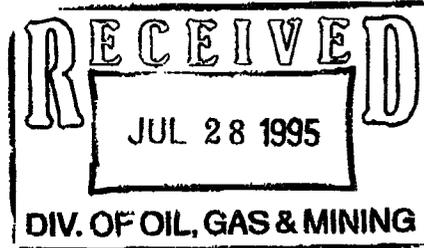


this 11th day of July, 1995

Elizabeth M. Tuck
Elizabeth M. Tuck, Secretary



July 26, 1995



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Suite 350, 3 Triad Center
355 West North Temple
Salt Lake City, AZ 84180-1203

RE: Rooney Operating Company
Sam Williams Well

Dear Sir/Madame:

Enclosed please find bond number 15-79-80 in the amount of \$20,000 issued by National Union Fire Insurance Company of Pittsburgh, PA effective as of August 5, 1995. Please note that this bond will replace The Travelers Indemnity Company Bond No. 209J875-8.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Patricia L. Walker'.

Patricia L. Walker

Enclosure

THOMAS W. BACHTELL
A. JOHN DAVIS, III
FREDERICK M. MACDONALD
ROBERT S. THOMPSON, III
ANGELA L. FRANKLIN
WILLIAM E. WARD
SHAWN T. WELCH
RELMA M. MILLER
MATTHEW L. CROCKETT

LAW OFFICES
PRUITT, GUSHEE & BACHTELL
Suite 1850 Beneficial Life Tower
Salt Lake City, Utah 84111-1495
(801) 531-8446
Telecopier (801) 531-8468
e-mail: mail@pgblaw.com

SENIOR COUNSEL
ROBERT G. PRUITT, JR.
OLIVER W. GUSHEE, JR.
OF COUNSEL
ROBERT G. PRUITT, III
ROBERT H. LOVELL

TELECOPIER TRANSMITTAL COVER SHEET

TO:	<i>Michael Hebertson</i>	DATE:	<i>September 11, 2003</i>
COMPANY:	<i>Utah Division of Oil, Gas and Mining</i>	TELECOPIER NUMBER:	<i>359-3940</i>
CITY/STATE:	<i>Salt Lake City, Utah</i>	PAGES (INCLUDING COVER SHEET):	<i>11</i>
FROM:	<i>A. John Davis</i>	CLIENT/MATTER NUMBER:	<i>1069.19</i>

MESSAGE:

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RECEIVED
SEP 11 2003
DIV. OF OIL, GAS & MINING

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

THOMAS W. BACHTELL
 A. JOHN DAVIS, III
 FREDERICK M. MACDONALD
 ROBERT S. THOMPSON, III*
 ANGELA L. FRANKLIN
 WILLIAM E. WARD
 SHAWN T. WELCH
 RELMA M. MILLER
 MATTHEW L. CROCKETT

SENIOR COUNSEL:
 ROBERT G. PRUITT, JR.
 OLIVER W. GUSHEE, JR.
 OF COUNSEL:
 ROBERT G. PRUITT, III
 ROBERT H. LOVELL

*ADMITTED IN COLORADO AND
 WISCONSIN ONLY

September 11, 2003

VIA FACSIMILE 359-3940 and U.S. MAIL

Michael Hebertson
 Hearing & Enforcement Manager
 Oil and Gas Conservation
 Division of Oil, Gas & Mining
 1594 West North Temple, Suite 1210
 P.O. Box 145801
 Salt Lake City, Utah 84114-5801

Re: Samuel Williams Fee 1-21B3 Well;
 API No. 43-0133-0146

Dear Mr. Hebertson:

This letter is a follow-up to our telephone conversation of this morning and it covers the research memorandum we discussed prepared by my associate Matt Crockett regarding the Division of Oil, Gas and Mining's rules pertaining to well site reclamation.

As you will recall, my client Myrin Ranch, Inc. is the surface owner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, Township 2 South, Range 3 West of the Uintah Special Meridian in Duchesne County, Utah. Rooney Operating Company is the operator of the above referenced well which is located on Myrin Ranch's fee surface. The well was plugged and abandoned in 1999. You may also recall that since January 2003, Myrin Ranch has sought the Division's assistance to have the well site reclaimed and its surface restored. Prior to seeking the Division's assistance, Myrin Ranch made its own demand on Rooney Operating which was ignored.

Utah Code Ann. § 40-6-5(1) gives the "board [of Oil, Gas and Mining] jurisdiction over all persons and property necessary to enforce this chapter . . ." Additionally, the board shall:

adopt rules and make orders as necessary to administer the following provisions:

Michael Hebertson
September 11, 2003
Page 2

(f) the operator shall furnish a reasonable performance bond or other good and sufficient surety, conditioned for the performance of the duty to:

(i) plug each dug or abandoned well; [and]

...

(iii) maintain and restore the well site.

U.C.A. § 40-6-5. These provisions have been part of the statute since at least 1985.

In accordance with the above cited statute, the Division's rules at Utah Admin. Code R649-3-1.1 require that an owner or operator furnish a bond to the Division prior to approval of a permit to drill, to reenter or abandon, or to assume responsibility as operator of existing wells. It is our understanding that Rooney Operating assumed responsibility as operator of the subject well in 1994, and furnished the Division with Bond No. 15-79-80 effective August 5, 1995 in the amount of \$20,000. The Bond states that it is a replacement for "The Travelers Indemnity Company Bond No. 209J875-8 and covers only the subject well."

The rules also provide that a bond furnished to the Division shall be conditioned upon "the faithful performance by the operator of the duty to . . . maintain and restore the well site" *see* Utah Admin. Code R649-3-1.2, and liability shall be for "the duration of the drilling, operating and plugging of the well and restoration of the well site." Utah Admin. Code R649-3-1.4. These provisions were included in the 1994 and 1995 (as well as prior years) versions of the rules.

No surface use agreement exists between Myrin Ranch and Rooney Operating. Therefore, the rules require that the Division establish "minimum well site restoration requirements." Utah Admin. Code R649-3-34.17 and -34.21. The rules further provide that upon plugging and abandonment of a well the operator shall restore the well site according to the Division's rules. *See* Utah Admin. Code R649-3-34.1. Well site restoration on lands with "fee or private ownership shall be completed within one (1) year following plugging of a well unless an extension is approved by the division for just and reasonable cause." Utah Admin. Code R649-3-34.4. The minimum well site restoration requirements established by the Division or by board order "shall be considered part of any permit granted by the division to conduct operations at a well site, and the inability of the operator to meet such requirements shall be considered grounds for forfeiture of the bond." Utah Admin. Code R649-3-34.25. According to Utah Admin. Code R649-34-3-1.16.1, the Division "shall take action to forfeit the bond if any of the

Michael Hebertson
September 11, 2003
Page 3

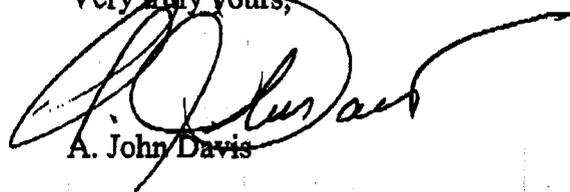
following occur: 16.1.1 The operator refuses or is unable to conduct plugging and site restoration." The text of the rules make it plain that the Division must proceed to forfeit Rooney Operating Company's bond if it refuses to conduct site restoration.

Based on the foregoing and the controlling statute and rules, Myrin Ranch renews its request that the Division proceed as rapidly as possible to either (1) compel Rooney Operating Company to commence timely and complete site restoration of the Samuel Williams Fee 1-21B3 well, or (2) commence proceedings in accordance with Utah Admin. Code R649-3-16 to forfeit Rooney Operating Company's bond and complete site restoration with the bond funds.

Myrin Ranch will be pleased to assist the Division in resolving this matter and looks forward to your early response. Please send all correspondence relative to this request to the undersigned as legal counsel for Myrin Ranch.

Please contact the undersigned if you have any questions or comments concerning this request or its attachments.

Very truly yours,



A. John Davis

1069.19

Enclosures: Pruitt, Gushee & Bachtell Research Memorandum
Rooney Operating Bond

cc: John Baza, Associate Director, DOGM
Alarik Myrin, Myrin Ranch, Inc.

(ct)\1069\19\corr\hebertson-1.doc

MEMORANDUM

To: A. John Davis, III, Esq.
From: Matt Crockett
Subject: Rooney Operating Bond and Rules [1069.19]
Date: September 11, 2003

Rooney's Bond:

Yesterday I called the Utah Division of Oil, Gas and Mining ("DOG M") and spoke to Earlene Russell regarding Rooney Operating Company's ("Rooney") bond for the Samuel William 1-21B3 well. According to Ms. Russell, Rooney took over as operator of the well from West Hazmat in 1994. That transfer was made by Steve Rooney as an officer of West Hazmat to Rooney Operating Company, and the officer signing on behalf of Rooney was also Steve Rooney. She stated that Rooney's bond would cover its activities (including plugging and abandoning and surface restoration) from the time it took over as operator.

Rooney's bond (copy attached) was issued effective August 5, 1995. The "NOW THEREFORE" clause reads:

if the above principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, **including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall remain in full force and effect.**

(All emphasis herein supplied). The amount of the bond is \$20,000 and is said to "replace the Travelers Indemnity Company Bond No. 209J875-8."

Rules:

Since at least 1987 (the oldest code book in our library), the Utah Administrative Code's bonding provision has contained a surface restoration requirement. U.A.C. § R615-3-1.1 (CodeCo 1987-88) requires that "[t]he bond shall also be conditioned such

that upon abandonment each well shall be plugged and repaired and the well site restored in accordance with the rules and orders of the Board." Additionally, U.A.C. § R615-3-1.5 provides that: "The transferee of any oil or gas well or the new operator of any well affected by the transfer of ownership, shall be responsible for the plugging or repair of the well and the reclamation of the well site. The transferee shall submit a new bond"

In 1989, the rules were amended to include an express "Well Site Restoration" provision at § R615-3-34 (Michie 1990). This rule required that "[t]he operator of a well shall upon plugging and abandonment of the well restore the well site in accordance with these rules." U.A.C. R615-3-34.1.

In the bonding section of the rules in effect in 1994, the bond must be conditioned on "the faithful performance by the operator of the duty to plug each dry or abandoned well, repair each well causing waste or pollution, and maintain and restore the well site." U.A.C. § R649-3-1.2 (Michie 1994). The owner or operator is required to "furnish a bond to the division prior to approval of a permit to drill a new well, recenter an abandoned well or assume responsibility as operator of existing wells." U.A.C. § R649-3-1.1. Specific well site restoration rules are also stated in U.A.C. § R649-3-34.1 that the "operator of a well shall upon plugging and abandonment of the well restore the well site in accordance with these rules."

The 1995 rules are identical.

It is also notable that since at least 1985, Utah Code Annotated § 40-6-5, "Jurisdiction of the board [Oil, Gas and Mining] - Rules" has contained the following provision:

(1) The board will adopt rules and make orders providing for:

....
(e) the furnishing by the operator of a reasonable performance bond or other good and sufficient surety, conditioned for the performance of the duty to plug each dry or abandoned well, to repair each well causing waste or pollution and to maintain and restore the well site

(Allen Smith Company Supp. 1985).



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Earlene's direct line
538-5336

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 146801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 358-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 9/10/2003

FAX #: 531-8468

ATTN: Matt Crockett 531-8446

COMPANY: _____

DEPARTMENT: _____

NUMBER OF PAGES: (INCLUDING THIS ONE) 5

FROM: Earlene Russell 538-5336

If you do not receive all of the pages, or if they are illegible, please call (801)538-5340.
We are sending from a Sharp facsimile machine. Our telecopier number is (801)358-3940.

MESSAGE: re. Rooney Operating Bond

Important: This message is intended for the use of the individual or entity of which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.

This bond replaces The Travlers Indemnity
Company Bond No. 209J875-8
Effective August 5, 1995

Form DGM-2

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

BOND Bond No. 15-79-80

KNOW ALL MEN BY THESE PRESENTS:

That Rooney Operating Company
principal office at 12201 E. Arapahoe Road, C-10, Englewood CO 80112
in the County of Arapahoe, in the State of Colorado
as Principal and National Union Fire Insurance Company of Pittsburgh, PA

as Surety, authorized to do business in this State, are held and firmly bound unto
the State in the penal sum as indicated, lawful money of the United States, for
which payment, will and truly be made to the State of Utah for the use and benefit
of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of
our heirs, executors, administrators or successors, and assigns jointly and
severally, finally by these presents.

The conditions of this obligation is that whereas the above bound
principal proposes to drill a well or wells for oil, gas or stratigraphic purposes
in and upon the following described land situated within the State of Utah, to wit:

Samuel Williams 1-2183 located 1462 feet from West line, 1390 feet from South
line. North East of South West Section 21, T25, R3W, Duchesne County, Utah

NOW THEREFORE, if the above bound principal shall comply with all of the
provisions of the laws of this State, and the rules and regulations and orders of
the Division of Oil, Gas and Mining of the State, including, but not limited to the
proper plugging of said well or wells, and filing with said Division of the State,
all notices and records required by said office, then this obligation is void;
otherwise, the same shall be and remain in full force and effect.

Penal Sum of Twenty Thousand and No/100 (\$ 20,000.00)

Witness our hand and seal, this 5th day of August 1995

Rooney Operating Company

By: [Signature] Vice President Principal

Witness our hand and seal, this 11th day of July 1995

National Union Fire Insurance Company
of Pittsburgh, PA.

By: [Signature] Surety Attorney-in-fact
Connie S. Kerr

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)

**American Home Assurance Co. and
National Union Fire Insurance Company of Pittsburgh, Pa.**

Principal Head Office: 70 Pine Street, New York, N.Y. 10270

POWER OF ATTORNEY

No. 04-B-13820

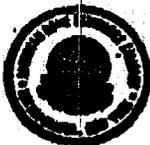
KNOW ALL MEN BY THESE PRESENTS:

That American Home Assurance Company, a New York corporation, and National Union Fire Insurance Company of Pittsburgh, Pa., a Pennsylvania corporation, does each hereby appoint

-- Vivienne Douglas, Harriet J. Hunt, Paul Giunto, Donald R. Sicard, Connie S. Kerr: of Denver, Colorado--

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. have each executed these presents



this 6 day of April, 1992

Mark E. Reagan
Mark E. Reagan, Senior Vice President

STATE OF NEW YORK }
COUNTY OF NEW YORK } ss.

On this 6 day of April, 1992.

before me came the above named officer of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa., to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seals of said corporations thereto by authority of his office.

Joseph B. Nozilio

JOSEPH B. NOZILIO
Notary Public, State of New York
No. 01-MC4432754
Qualified in Westchester County,
Term Expires Jan. 31, 1994

CERTIFICATE

Excerpts of Resolutions adopted by the Boards of Directors of American Home Assurance Company and National Union Fire Insurance Company of Pittsburgh, Pa. on May 18, 1976:

*RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

*RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

*RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact.

I, Elizabeth M. Tuck, Secretary of American Home Assurance Company and of National Union Fire Insurance Company of Pittsburgh, Pa. do hereby certify that the foregoing excerpts of Resolutions adopted by the Boards of Directors of these corporations, and the Powers of Attorney issued pursuant thereto, are true and correct, and that both the Resolutions and the Powers of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of each corporation

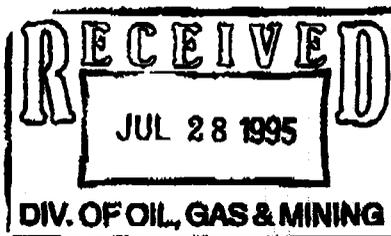


this 11th day of July, 19 95

Elizabeth M. Tuck
Elizabeth M. Tuck, Secretary



July 26, 1995



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Suite 350, 3 Triad Center
355 West North Temple
Salt Lake City, AZ 84180-1203

RE: Rooney Operating Company
Sam Williams Well

Dear Sir/Madam:

Enclosed please find bond number 15-79-80 in the amount of \$20,000 issued by National Union Fire Insurance Company of Pittsburgh, PA effective as of August 5, 1995. Please note that this bond will replace The Travelers Indemnity Company Bond No. 209J875-8.

Please let me know if you have any questions.

Sincerely,

Patricia L. Walker

Enclosure

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

THOMAS W. BACHTELL
A. JOHN DAVIS, III
FREDERICK M. MACDONALD
ROBERT S. THOMPSON, III*
ANGELA L. FRANKLIN
WILLIAM E. WARD
SHAWN T. WELCH
RELMA M. MILLER
MATTHEW L. CROCKETT

SENIOR COUNSEL:

ROBERT G. PRUITT, JR.
OLIVER W. GUSHEE, JR.

OF COUNSEL:

ROBERT G. PRUITT, III
ROBERT H. LOVELL

*ADMITTED IN COLORADO AND
WISCONSIN ONLY

September 11, 2003

VIA FACSIMILE 359-3940 and U.S. MAIL

Michael Hebertson
Hearing & Enforcement Manager
Oil and Gas Conservation
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Samuel Williams Fee 1-21B3 Well;
API No. 43-0133-0146

Dear Mr. Hebertson:

This letter is a follow-up to our telephone conversation of this morning and it covers the research memorandum we discussed prepared by my associate Matt Crockett regarding the Division of Oil, Gas and Mining's rules pertaining to well site reclamation.

As you will recall, my client Myrin Ranch, Inc. is the surface owner of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 21, Township 2 South, Range 3 West of the Uintah Special Meridian in Duchesne County, Utah. Rooney Operating Company is the operator of the above referenced well which is located on Myrin Ranch's fee surface. The well was plugged and abandoned in 1999. You may also recall that since January 2003, Myrin Ranch has sought the Division's assistance to have the well site reclaimed and its surface restored. Prior to seeking the Division's assistance, Myrin Ranch made its own demand on Rooney Operating which was ignored.

Utah Code Ann. § 40-6-5(1) gives the "board [of Oil, Gas and Mining] jurisdiction over all persons and property necessary to enforce this chapter" Additionally, the board shall:

adopt rules and make orders as necessary to administer the following provisions:

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SEP 12 2003

DIV. OF OIL, GAS & MINING

(f) the operator shall furnish a reasonable performance bond or other good and sufficient surety, conditioned for the performance of the duty to:

(i) plug each dug or abandoned well; [and]

...

(iii) maintain and restore the well site.

U.C.A. § 40-6-5. These provisions have been part of the statute since at least 1985.

In accordance with the above cited statute, the Division's rules at Utah Admin. Code R649-3-1.1 require that an owner or operator furnish a bond to the Division prior to approval of a permit to drill, to reenter or abandon, or to assume responsibility as operator of existing wells. It is our understanding that Rooney Operating assumed responsibility as operator of the subject well in 1994, and furnished the Division with Bond No. 15-79-80 effective August 5, 1995 in the amount of \$20,000. The Bond states that it is a replacement for "The Travelers Indemnity Company Bond No. 209J875-8 and covers only the subject well."

The rules also provide that a bond furnished to the Division shall be conditioned upon "the faithful performance by the operator of the duty to . . . maintain and restore the well site" *see* Utah Admin. Code R649-3-1.2, and liability shall be for "the duration of the drilling, operating and plugging of the well and restoration of the well site." Utah Admin. Code R649-3-1.4. These provisions were included in the 1994 and 1995 (as well as prior years) versions of the rules.

No surface use agreement exists between Myrin Ranch and Rooney Operating. Therefore, the rules require that the Division establish "minimum well site restoration requirements." Utah Admin. Code R649-3-34.17 and -34.21. The rules further provide that upon plugging and abandonment of a well the operator shall restore the well site according to the Division's rules. *See* Utah Admin. Code R649-3-34.1. Well site restoration on lands with "fee or private ownership shall be completed within one (1) year following plugging of a well unless an extension is approved by the division for just and reasonable cause." Utah Admin. Code R649-3-34.4. The minimum well site restoration requirements established by the Division or by board order "shall be considered part of any permit granted by the division to conduct operations at a well site, and the inability of the operator to meet such requirements shall be considered grounds for forfeiture of the bond." Utah Admin. Code R649-3-34.25. According to Utah Admin. Code R649-34-3-1.16.1, the Division "shall take action to forfeit the bond if any of the

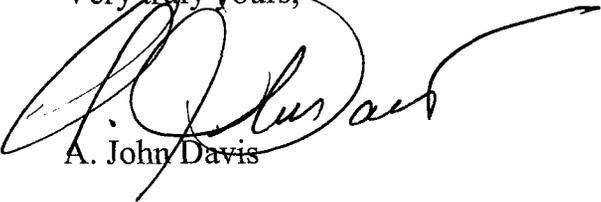
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Based on the foregoing and the controlling statute and rules, Myrin Ranch renews its request that the Division proceed as rapidly as possible to either (1) compel Rooney Operating Company to commence timely and complete site restoration of the Samuel Williams Fee 1-21B3 well, or (2) commence proceedings in accordance with Utah Admin. Code R649-3-16 to forfeit Rooney Operating Company’s bond and complete site restoration with the bond funds.

Myrin Ranch will be pleased to assist the Division in resolving this matter and looks forward to your early response. Please send all correspondence relative to this request to the undersigned as legal counsel for Myrin Ranch.

Please contact the undersigned if you have any questions or comments concerning this request or its attachments.

Very truly yours,



A. John Davis

1069.19
Enclosures: Pruitt, Gushee & Bachtell Research Memorandum
Rooney Operating Bond
cc: John Baza, Associate Director, DOGM
Alarik Myrin, Myrin Ranch, Inc.
(ct)\1069\19\corr\hebertson-1.doc

MEMORANDUM

To: A. John Davis, III, Esq.
From: Matt Crockett
Subject: Rooney Operating Bond and Rules [1069.19]
Date: September 11, 2003

Rooney's Bond:

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Rooney's bond (copy attached) was issued effective August 5, 1995. The "NOW THEREFORE" clause reads:

if the above principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, **including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required** by said office, then this obligation is void; otherwise, the same shall remain in full force and effect.

(All emphasis herein supplied). The amount of the bond is \$20,000 and is said to "replace the Travelers Indemnity Company Bond No. 209J875-8."

Rules:

Since at least 1987 (the oldest code book in our library), the Utah Administrative Code's bonding provision has contained a surface restoration requirement. U.A.C. § R615-3-1.1 (CodeCo 1987-88) requires that "[t]he bond shall also be conditioned such

that upon abandonment each well shall be plugged and repaired and **the well site restored** in accordance with the rules and orders of the Board.” Additionally, U.A.C. § R615-3-1.5 provides that: “The transferee of any oil or gas well or the new operator of any well affected by the transfer of ownership, shall be responsible for the plugging or repair of the well **and the reclamation of the well site**. The transferee shall submit a new bond”

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(Allen Smith Company Supp. 1985).

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

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OF COUNSEL:

ROBERT G. PRUITT, III
ROBERT H. LOVELL

*ADMITTED IN COLORADO AND
WISCONSIN ONLY

September 11, 2003

VIA FACSIMILE 359-3940 and U.S. MAIL

Michael Hebertson
Hearing & Enforcement Manager
Oil and Gas Conservation
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Samuel Williams Fee 1-21B3 Well;
API No. 43-0133-0146

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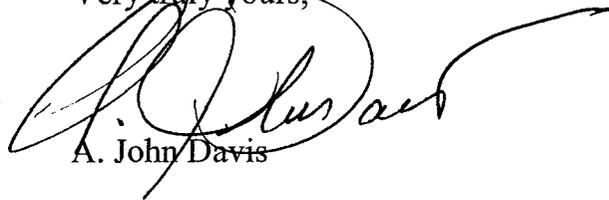
following occur: 16.1.1 The operator refuses or is unable to conduct plugging and site restoration.” The text of the rules make it plain that the Division must proceed to forfeit Rooney Operating Company’s bond if it refuses to conduct site restoration.

Based on the foregoing and the controlling statute and rules, Myrin Ranch renews its request that the Division proceed as rapidly as possible to either (1) compel Rooney Operating Company to commence timely and complete site restoration of the Samuel Williams Fee 1-21B3 well, or (2) commence proceedings in accordance with Utah Admin. Code R649-3-16 to forfeit Rooney Operating Company’s bond and complete site restoration with the bond funds.

Myrin Ranch will be pleased to assist the Division in resolving this matter and looks forward to your early response. Please send all correspondence relative to this request to the undersigned as legal counsel for Myrin Ranch.

Please contact the undersigned if you have any questions or comments concerning this request or its attachments.

Very truly yours,



A. John Davis

1069.19

Enclosures: Pruitt, Gushee & Bachtell Research Memorandum
Rooney Operating Bond

cc: John Baza, Associate Director, DOGM
Alarik Myrin, Myrin Ranch, Inc.
(ct)\1069\19\corr\hebertson-1.doc

MEMORANDUM

To: A. John Davis, III, Esq.
From: Matt Crockett
Subject: Rooney Operating Bond and Rules [1069.19]
Date: September 11, 2003

Rooney's Bond:

Yesterday I called the Utah Division of Oil, Gas and Mining ("DOGM") and spoke to Earlene Russell regarding Rooney Operating Company's ("Rooney") bond for the Samuel William 1-21B3 well. According to Ms. Russell, Rooney took over as operator of the well from West Hazmat in 1994. That transfer was made by Steve Rooney as an officer of West Hazmat to Rooney Operating Company, and the officer signing on behalf of Rooney was also Steve Rooney. She stated that Rooney's bond would cover its activities (including plugging and abandoning and surface restoration) from the time it took over as operator.

Rooney's bond (copy attached) was issued effective August 5, 1995. The "NOW THEREFORE" clause reads:

if the above principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, **including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required** by said office, then this obligation is void; otherwise, the same shall remain in full force and effect.

(All emphasis herein supplied). The amount of the bond is \$20,000 and is said to "replace the Travelers Indemnity Company Bond No. 209J875-8."

Rules:

Since at least 1987 (the oldest code book in our library), the Utah Administrative Code's bonding provision has contained a surface restoration requirement. U.A.C. § R615-3-1.1 (CodeCo 1987-88) requires that "[t]he bond shall also be conditioned such

that upon abandonment each well shall be plugged and repaired and **the well site restored** in accordance with the rules and orders of the Board.” Additionally, U.A.C. § R615-3-1.5 provides that: “The transferee of any oil or gas well or the new operator of any well affected by the transfer of ownership, shall be responsible for the plugging or repair of the well **and the reclamation of the well site**. The transferee shall submit a new bond”

In 1989, the rules were amended to include an express “Well Site Restoration” provision at § R615-3-34 (Michie 1990). This rule required that “[t]he operator of a well shall **upon plugging and abandonment of the well restore the well site** in accordance with these rules.” U.A.C. R615-3-34.1.

In the bonding section of the rules in effect in 1994, the bond must be conditioned on “the faithful performance by the operator of the duty to plug each dry or abandoned well, repair each well causing waste or pollution, and **maintain and restore the well site**.” U.A.C. § R649-3-1.2 (Michie 1994). The owner or operator is required to “furnish a bond to the division prior to approval of a permit to drill a new well, reenter an abandoned well or **assume responsibility as operator of existing wells**.” U.A.C. § R649-3-1.1. Specific well site restoration rules are also stated in U.A.C. § R649-3-34.1 that the “operator of a well shall upon plugging and abandonment of the well **restore the well site** in accordance with these rules.”

The 1995 rules are identical.

It is also notable that since at least 1985, Utah Code Annotated § 40-6-5, “Jurisdiction of the board [Oil, Gas and Mining] – Rules” has contained the following provision:

(1) The board will adopt rules and make orders providing for:

....

(e) the furnishing by the operator of a reasonable performance bond or other good and sufficient surety, conditioned for the performance of the duty to plug each dry or abandoned well, to repair each well causing waste or pollution **and to maintain and restore the well site**

(Allen Smith Company Supp. 1985).

Myrin Livestock Co. LLC
HC 65 Box 30
Altamont Utah 84001
435-454-3494

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DIV. OF OIL, GAS & MINING

August 16, 2004

Michael Hebertson
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Mr. Hebertson:

I am writing to confirm the letter John Davis sent informing you that we have reached agreement with Rooney Operating Company on accepting the surface condition of the ~~Samual Williams I-21B3 Well~~. We have no objection to the Division of Oil, Gas and Mining releasing the performance bond for the well. 43-013-30146

We (Myrin Livestock, Co. LLC) will move ahead as time allows and make the site usable for our purposes. We have accepted the surface condition as is from Rooney Operating Company. I hope this clarifies the situation for you.

I appreciate very much your attention and assistance with this matter. If you have any questions please feel free to contact me. Thank you.

Sincerely,



Alarik Myrin