

FILE NOTATIONS

Entered in NID File   
Entered On S R Sheet \_\_\_\_\_  
Location Map Pinned \_\_\_\_\_  
Card Indexed   
I W R for State or Fee Land \_\_\_\_\_

Checked by Chief RL  
Copy NID to Field Office \_\_\_\_\_  
Approval Letter Enclinet  
Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 12-16-61 <sup>Sheet In</sup> Location Inspected \_\_\_\_\_  
OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_ Bond released \_\_\_\_\_  
GW  OS \_\_\_\_\_ PA \_\_\_\_\_ State of Fee Land \_\_\_\_\_

LOGS FILED

*Well History - duplicate copies*

Driller's Log \_\_\_\_\_

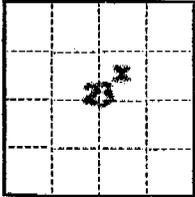
Electric Logs (No. ) 6

E  I  E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N 2 Micro \_\_\_\_\_  
Lat. \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic  Others Depth Determination

*Depth Determination*

*Electrical Log*

*LWD  
7-15-92*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Hot Lake City, Utah  
Lease No. 2-0277-4  
Unit Hot  
Hot - Green R.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 4 is located 1601 ft. from N line and 1947 ft. from E line of sec. 23  
1/4 Sec. 23 (4 Sec. and Sec. No.) 1-10-3 (Twp.) 3-21-3 (Range) N. 1. 2. 3. 4. 5. (Meridian)  
Hot (Field) Hot (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. Will be run when rig is on location.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Total Depth 5500'. Plan to drill 13-3/4" hole to approx. 160' set surface, drill 6-3/4" hole to casing point, 6-1/8" hole to T. D. Drill with gas-lift water and scale tools. It may be necessary to mud up in the incompetent red beds of the Wasatch formation. Drill fluid tests and cores will be dependent upon oil and gas shows. Plan to set approx. 150' of 10-3/4", 32.75#, 4-55' surface casing, cement with 200 sacks. approx. 4500' of 7", 29#, 4-55, cement with approx. 300 sacks, approx. 1,000' of 4-1/2" liner, 11,60#, 4-55, cement with 125 sacks. Anticipated formation tops: Sand in the Hot formation, Top of Green River- 700', Wasatch 4100'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company BEKALO MINERALOGICAL ASSOCIATION, INC.

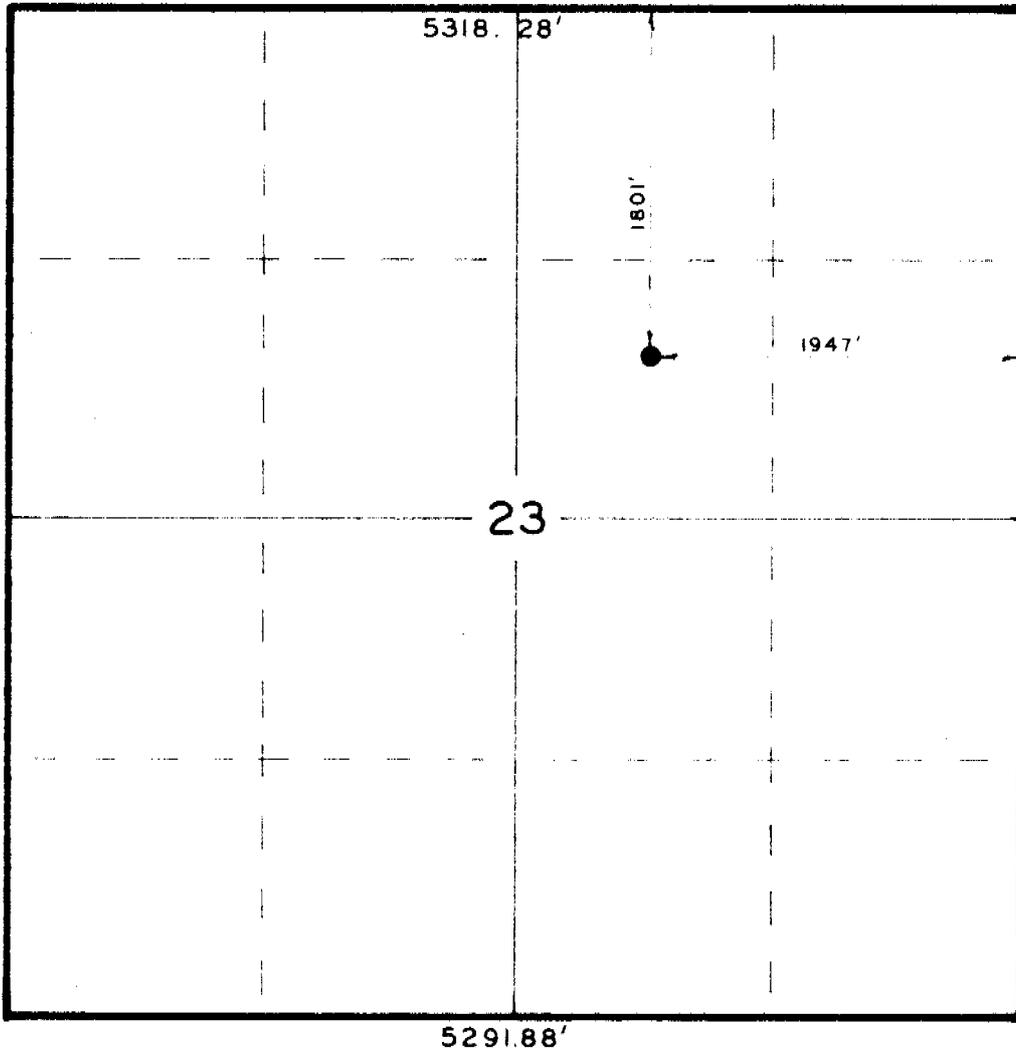
Address Box 523

Hot, Utah

By Saul Rugh

Title Manager

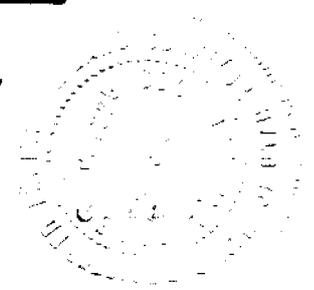
T10S, R21E, SLB&M



NOTE NO INTERIOR SEC OR 1/4 CORNERS LOCATED  
 IN THIS TOWNSHIP LOCATION STAKED FROM  
 COMMON CORNER SEC 34,35 ON SOUTH TOWN-  
 SHIP LINE USING SEC. DIMENSIONS OF RECORD  
 ON GLO TOWNSHIP PLAT APPROVED AUG 1883  
 BY SURVEYOR GENERAL.

Scale: 1" = 1000'

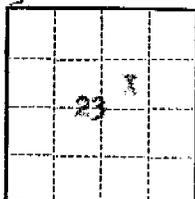
By ROSS CONSTRUCTION CO  
 Vernal, Utah



PARTY  
 R. D. Ross  
 Gene Stewart  
 Jim Hardman  
 WEATHER Windy

SURVEY  
 DEKALB AGRICULTURAL ASSOCIATION INC.  
 WELL LOC UINTAH UNIT NO. 4, LOCATED AS SHOWN  
 IN SW 1/4, NE 1/4, SEC. 23, T10S, R21E, SLB&M  
 UINTAH COUNTY, UTAH.

DATE 3/18/61  
 REFERENCES  
 GLO Township plat  
 Approved 8/1883  
 FILE DEKALB



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah  
Lease No. U-02277-A  
Unit Uintah  
Detail-Conoco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Spudding and Surface Casing</u> .....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 12, 19 61

Well No. 4 is located 1801 ft. from N line and 1947 ft. from E line of sec. 23

S. 4, T. 10-S, R. 21-E, S. 1. B. & M.  
(Sec. and sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

May 9, 1961: Spudded at 11:30 P. M.  
May 10, 1961: Drilled to a total depth of 170'.  
May 11, 1961: Ran 6 Jns. 10-3/4", 32#, J-55 Surface casing, overall length 171.09'. 154' casing in hole set at 167' BHD. Cemented with 100 sacks regular cement, plus 2% Calcium Ch. Plug down 9:10 P. M. May 10, 1961. Cement Circulated. W. O. C. 24 Hours and resume drilling.  
May 12, 1961: Drilled plug at 11:30 P. M. May 11, 1961, drilling ahead.

May 11, 1961: Tested casing to 1,000' for 30 minutes before drilling plug, no loss in pressure.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEVALS AGRICULTURAL ASSN., INC.

Address P. O. Box 523

Vernal, Utah

By [Signature]

Title Production Supt.

	X		
	23		

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah  
Lease No. U-02277-A  
Unit Utah  
DeKalb-Conoco # 4

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			
		<u>Running 7" Casing and Cementing</u>	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 4 is located 1801 ft. from XX  $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$  line and 1947 ft. from XX  $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$  line of sec. 23  
SW 1/4 Sec. 23 (Range) 1-10-S, R-21-S (Meridian) S. L. R. & N.  
Wilcat (Field) ULNEEN (County or Subdivision) UTAH (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 5276.99' R. T., 5268.34' C. L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

May 21, 1961:  
Drilled to a total depth of 4702' with gasiated water. Ran 147 Jts. 7", J-55, 23#, Rg. 2, 3rd. Youngstown Casing. Overall length 4703', Casing set at 4702', cemented with 400 sacks, 50-50 poxmix, 2% Gel, Salt Saturated cement. Plug down at 3:30 P. M. May 21, 1961. Tested Casing to 1,000# for 30 minutes, no loss in pressure. W. O. C. 24 hours, then drill plug and continue drilling.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.  
Address Box 523  
Vernal, Utah  
By Saul Pugh  
Title Manager

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah  
LEASE NUMBER  
UNIT Uintah

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1961

Agent's address P. O. Box 523 Vernal, Utah Company DEKALB AGRIC. ASSN., INC.

Signed J. R. Ray Agent's title Production Supt.

Phone \_\_\_\_\_

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 16	10S	21E	1	=0-	-0-	-0-	-0-	-0-	-0-	Shut In.
NENE 35	10S	20E	2	=0-	-0-	-0-	-0-	-0-	-0-	Shut In.
S. NE 23	10S	21E	4	-0-	-0-	-0-	-0-	-0-	-0-	Spudded 5-9-61 Total Depth 6014' preparing to perforate and Frac.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

	23	*	

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. **U-02277-A**  
Unit **Utah**  
**DeKalb-Conoco # 4**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Running 4-1/2" Liner and Cementing	*

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 1, 1961

Well No. **4** is located **1801** ft. from **N** line and **1947** ft. from **E** line of sec. **23**  
**SW NE Section 23** **T-10-S, R-21-E** **S. L. B. & M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat** **Utah** **Utah**  
(Field) (County or Subdivision) (State or Territory)

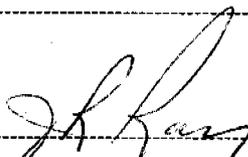
The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. **5276.99' R. T.**  
**5268.34' G. L.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

May 30, 1961: Total Depth 6014', Ran Electric Logs.  
 May 31, 1961: Ran 48 Jts. 4-1/2", OD, J-55, H.600, Rg. 2. Youngstown Casing. Set at 6011'. Top of Liner 4512'. Overall length 1499', Liner Hanger 4.14', Liner 1494.86'. Cemented with 175 sacks 50-50 Pozmix, plus 2% Gel, spearheading cement with 250 gals. of 7-1/2% MCA. Plug Down at 2:00 A. M. May 31, 1961. Preparing to Perforate and Frac.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

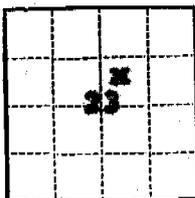
Company **DEKALB AGRICULTURAL ASSN., INC.**  
 Address **P. O. Box 523**  
**Vernal, Utah**  
 By   
 Title **Production Supt.**

**DAILY DRILLING REPORT**

**DEWALS - CONOCO # 4 - UINIAN UNIT  
SW NE Section 21, T-10-S, R-21-E  
UINIAN COUNTY, UTAH**

**July 13, 1961**

**Shot 2a.**



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City**  
Lease No. **U-02277-A**  
Unit **Uintah Unit**  
**DeKalb - Conoco**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 6, 1961

Well No. 4 is located 1801 ft. from N line and 1947 ft. from E line of sec. 23

SW NE Sec. 23 T-10-S, R-21-E S. I. B. M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5276 ft.

DETAILS OF WORK

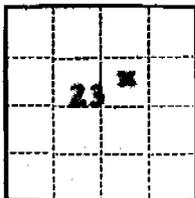
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The 4-1/2" production liner collapsed during the fracturing operations. The liner is set as follows: Top at 4512, bottom at 6011. The liner is collapsed at 4745'.

It is intended to move over the well with a work over unit, kill the well with salt water, pull tubing and swage out the 4-1/2" Production casing, squeeze cement as required and open Wasatch section to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.  
Address P. O. Box 523  
Vernal, Utah  
By J. F. Judloch  
Title Drilling Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Salt Lake City, Utah**  
Lease No. **U-02377-A**  
Unit **Uintah**  
**DeKalb-Conoco # 4**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 19, 1961

Well No. 4 is located 1801 ft. from [N] line and 1947 ft. from [E] line of sec. 23

**SW NE Section 23**  
(¼ Sec. and Sec. No.)

**T-10-S, R-21-E**  
(Twp.) (Range)

**S. L. B. & M.**  
(Meridian)

**Wildcat**  
(Field)

**Uintah**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. **5276.99' @. T.**  
**5268.34' G. L.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Ran McCullough Cement-Neutron Collar log. Found liner filled to 5599' from 6015' with cement. Indicated cement top behind 7" Casing 3428' and 3794'. Cement top behind 4-1/2" liner 5075'. Float collar valve failed.**

**Perforated zone 5575' to 5585' through tubing with 4 jet shots per foot. Fraced zone 5575' to 5585' with 590 bbls. treated water, 8,570# 20/40 sand, 800# Walnut hulls. Formation broke at 5500#, Maximum Treating pressure 4800#, Minimum Treating pressure 3700#. Immediate Shut in pressure 3400#. Average injection rate 16.0 bbls. per minute. Well shut in for pressure equalization.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DEKALB AGRICULTURAL ASSN., INC.**

Address **Box 523**  
**Vernal, Utah**

By *[Signature]*

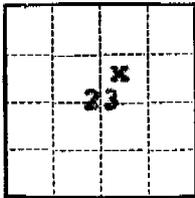
Title **Geologist**

DAILY DRILLING REPORT

DEWALS - CONNO 4 - UINIAN UNIT  
SW NE Section 23, T-10-S, R-21-E  
UINIAN COUNTY, UTAH

July 13, 1961

shut in.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-02277-A  
Unit Uintah Unit  
DeKalb - Conoco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	X	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 6, 1961

Well No. 4 is located 1801 ft. from N line and 1947 ft. from E line of sec. 23

SW NE Sec. 23 T-10-S, R-21-E S.1.B.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5276 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The 4-1/2" production liner collapsed during the fracturing operations. The liner is set as follows: Top at 4512, bottom at 6011. The liner is collapsed at 4745'.

It is intended to move over the well with a work over unit, kill the well with salt water, pull tubing and swage out the 4-1/2" production casing, squeeze cement as required and open Wasatch section to production.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address P. O. Box 523

Vernal, Utah

By P. F. Judloch

Title Drilling Supt.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City, Utah  
LEASE NUMBER .....  
UNIT Uintah

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Uintah Field Uintah and Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1961,

Agent's address P. O. Box 523 Company DeKalb Agricultural Assn., Inc.  
Vernal, Utah Signed J. F. Jalloch

Phone 1073 Agent's title Drilling Supt.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 16	10S	21E	1	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 35	10S	20E	2	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
SENE 23	10S	21E	4	-0-	-0-	-0-	-0-	-0-	-0-	9-6-61 rig up with work-over unit prep to repair damaged production liner. Cleaning out Shale at 4724'
NWSE 12	10S	20E	3	-0-	-0-	-0-	-0-	-0-	-0-	Spud 9-1-61 Drilling ahead at 6058'
				No					No	

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5  
Approval expires 12-31-60.  
**Salt Lake City**

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_  
UNIT Uintah Unit

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Uintah & Bitter Creek

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1961,

Agent's address P. O. Box 523 Company DeKalb Agricultural Assn.  
Vernal, Utah Signed G. F. Jackson

Phone 1073 Agent's title Drilling Supt.

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SESE 16	10S	21E	1	0	0	0	0	0	0	Shut in.
NENE 35	10S	20E	2	0	0	0	0	0	0	Shut in.
NWSE 12	10S	20E	3							Set 5-1/2 csg. @ 6407' now flowing & testing well after frac.
SWNE 23	10S	21E	4							Released workover rig Oct. 9, now waiting on larger workover rig - to repair liner.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.  
Salt Lake City  
LAND OFFICE  
LEASE NUMBER  
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Uintah & Bitter Creek  
 The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1961,  
 Agent's address 310 North Fifth Street Company DeKalb Agricultural Assn., Inc.  
DeKalb, Illinois Signed Charles R. Wayman  
 Phone 6-3461 Agent's title Accountant

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)	
SESE 16	10S	21E	1	6	0	0	6,125	0	0		
NENE 35	10S	20E	2	0	0	0	0	0	0	Shut In	
NWSE 12	10S	20E	3	0	0	0	0	0	0	Shut In	
SWNE 23	10S	21E	4	Repair liner and clean out hole							

NOTE.—There were No runs or sales of oil; 6,125 M cu. ft. of gas sold;  
No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Utah  
Lease No. U-32277-A  
Uintah  
Unit  
DeKalb-Conoco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 12, 1961

Well No. 4 is located 1831 ft. from N line and 1947 ft. from E line of sec. 23  
S W

SWNE Section 23 10-S 21-E S.L.B.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5276 ft.

DETAILS OF WORK

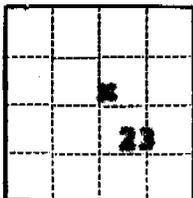
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Squeezed damaged section in 4-1/2" liner @ 4742' w/700 lbs Cement. Cement set for 24 hrs. Cleaned out w/3-7/8" bit, the bit drilled out of the 4-1/2" liner into the Wasatch Section @ 4742'. The 3-7/8" hole was then drilled to a T.D. of 5110'. Ran Schlumberger GRN log 5109 - 4450'.  
12-9-61: T.D. 5110'. Ran 144 Jts. J-55, 6.50 @ 3-7/8" tubing & 20 Jts. J-55, 6.50 @ 2-7/8" Hy-Drill tubing for a total of 5097' set @ 5107' Cement w/60 lbs 50/50 For-mix 2% Gel. Top of Cement by Temperature survey 4225'. It is intended to perforate a Water Frac the Wasatch Formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.  
Box 523  
Address Vernal, Utah

By J. F. TADLOCK  
Original Signed by  
Prod. Drilling Supt.  
Title



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah  
Lease No. U-02277-A  
Unit Uintah  
DeKalb - Conoco

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 21, 1961

Well No. 4 is located 1801 ft. from N line and 1947 ft. from E line of sec. 23

SWNE section 21 10-S 21-E S.L.M.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6276 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

12-13-61: Perforate w/ McCullough Dual Frac Notch @ 5042' Treated w/ 1200 Gals NSA Acid, breakdown pressure 4400 PSI Treated @ 2000 PSI @ 8 P.M. Gauge 12 hrs. after treatment 240 MCF/D, Frac with 13,400 Gals. Treated water w/ 5000# 20/40 Sand & 1000# 12/20 crushed walnut hulls. Treating pressure 4200 - 4600 P.S.I. Maximum pressure 4600 P.S.I. Flush with 1226 gals; Gauge after 14 hours 600 MCF/D. Flowed and test well four days gauge 1,840 MCF/D

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.

Address BOX 923

Vernal, Utah

Original Signed by  
J. F. TADLOCK

By \_\_\_\_\_

Title Prod. Drilling Supt.

OPERATOR: DEKALB AGRICULTURAL ASSN., INC.

WELL: UINTAH UNIT # 4

LEASE: U-02277-A

LOCATION: 1801' FNL, 1947' FEL of Section 23, T-10-S, R-21-E  
(BLM) Uintah County, Utah

ELEVATION: 5268' G.L., 5277' K.B.

COMMENCED: May 9, 1961, 11:30 P. M.

SET SURFACE: May 10, 1961, 9:10 P. M.

FROM UNDER SURFACE: May 11, 1961, 11:30 P. M.

SET INTERMEDIATE: May 21, 1961, 3:30 P. M.

FROM UNDER INTERMEDIATE: May 22, 1961, 3:30 P. M.

REACHED TOTAL DEPTH: May 29, 1961, 8:00 P. M.

TOTAL DEPTH 6014'

LITHOLOGG BY: M. C. Johnson

CASING: SURFACE: 10-3/4", 32.75#, J-55, csg. set at 167' K.B. with 100 sxs reg. cement plus 2% CoCl.  
INTERMEDIATE: 7", 23#, J-55, 8 rnd thrd, csg set at 4702 K.B. w/400 sxs 50% reg cement, 50% Poz-mix, plus 2% gel. Salt water saturated cement.  
PRODUCTION: 4-1/2", 11.60#, J-55, liner set at 6011' K. B. cemented w/175 sxs 50% reg. cement and 50% Poz-mix, plus 2% gel, spearheaded cement job with 250 gals, 7-1/2% MCA.

PERFORATIONS: Zone 5575 to 5585 feet w/4 McCullough Mac jets/ft. 20 gram charge, perforated 5042'K.B. w/McCullough Dual Frac Notch Cutter.

PRODUCTION: 1200 MCF/D

SOLE SIZE 13-3/4" hole to 170 feet  
9" hole from 170 feet to 2089'  
8-3/4" Hole from 2089' to 4702'  
6-1/4" hole from 4702' to 6014'

CONTRACTOR: CALVERT EXPLORATION

UINTAH UNIT # 4

TYPE RIG: IDECO H-525

FORMATION TOPS:	Uintah	Spudded in
	Green River	980'
	Green River Marker	4213'
	Wasatch	4305
	Total Depth	6014

LOGS:	Induction-Electric	4702' to 6014'
	Sonic-Gamma-Ray-Caliper	4702' to 6015'
	Gamma-Ray-Neutrol	2000' to 5505'
	McCullough-Cement-Neutron	3300' to 5599'

DRILLING TIME: One foot drilling time maintained by means of a GEOLOGRAPH.

MUD PROGRAM: Drilled with Gas to 570' where water was first encountered, then drilled ahead to 4702' with gasiated water. Set 7" casing at 4702' and attempted to drill ahead with gas, however, small amount of water was encountered at 4725' and 4860'. Converted to low solids mud at 5261' due to hole sloughing. Added gas to mud and drilled ahead with excellent penetration results with this type of drilling fluid. Hole stands up well especially with a high viscosity and calipers indicate negligible amount of sloughing.

LOST CIRCULATION: No noticable amount of lost circulation was noted while drilling with gasiated water or gasiated mud.

WATER FLOWS: Encountered small amount of water at 570', between 1570 and 2000 feet, hole began making 50 to 60 barrels of water per hour. Encountered several very thin sand stringers between 2000' and 4200 feet which increased water flow to approximately 100 barrels per hour.

SHOWS OF OIL OR GAS: Residual and insignificant line brown oil shows were noted in the Green River, brown shales and scattered thin sandstones. Gas at a rate of approximately 200 MCFGD was noted on a trip for new bit at 4213'. Gas possibly came from 4070' to 4085'. In the Wasatch formation gas was gauged at approximately 800 MCFGD from 5040' to 5065'. Gas was thought to have increased through 5580' to 85 foot drilling break

WELL STIMULATION: ZONE: 5575' to 5585': Fraced with 21,420 gallons treated water, 8370# 20/40 sand, 800# 12/20 Walnut Hulls. Formation breakdown pressure 5500 psi. Heating pressure maximum 4700 psi, Minimum 3700 psi. Average injection rate 16 bbls/min. Flushed with 2520 gallons, immediate shut in pressure 3400 psi. 27 minute shut in 2600 psi.

UINTAH UNIT # 4

WELL STIMU-  
LATION:

ZONE: 5042'; Treated with 1200 gallons MSA acid. Break-down pressure 4400 psi. Treated with 2000 psi @ 4 bbl/Min. Fraced with 13,400 gallons treated water, 5000# 20/40 sand, 1000# 12/20 crushed walnut hulls. Treating pressure maximum, 4600 psi; Minimum 4200 psi. Flushed with 1226 gallons. Average injection rate 9 bbls/min. Immediate shut in 1950 psi.

CORES:

NONE:

DRILL STEM TESTS: None

WELL COMPLETION  
DIFFICULTIES:

Cement was not circulated above liner hanger due to failure of cement float valve. Found top of cement inside 4-1/2" liner at 5600 feet. While fracing Zone 5575' to 5585', the uncemented liner apparently ruptured at 4742 to 4247 feet. After several attempts to re-enter and clean out the 4-1/2" liner it was discovered that the liner was hog troughed and hole was side tracked. All parties concerned agreed to continuing the side tracked hole to penetrate the 5037 to 5050 foot sand and recomplete the well in this zone.

NO. 4 UINTAH UNIT  
SECTION 4, FLOS-R21E  
UINPAH CO., UTAH

- 700-10 Siltstone, sandstone, sandstone light gray, light gray-green, very fine grained, calcareous, with shale light gray-green, very poor sample.
- 710-50 Miss.
- 750-810 Siltstone, sandstone, light gray, light gray-green, very fine grained, calcareous argillaceous with trace shale, light gray, light gray-green, firm very poor samples, some portions - missing.
- 980-90 Siltstone, sandstone, light gray, light gray-green, very fine to fine grained trace micaceous, trace shale gray-green, light green.
- 990-1000 Sandstone, light gray-green, very light gray, very fine to medium grained, angular, micaceous, calcareous, with considerable shale brown, tan dolomite, firm,
- 1000-50 Shale tan to brown, gray-tan, sub-waxy, very dolomitic with silty and sandy streaks, fair trace dolomite limestone tan, den.
- 1050-1080 Shale tan to brown, gray-tan, slightly sub-waxy, very dolomitic with very scattered silty streaks, good trace dolomite, dolomitic-limestone, tan, dark cream-tan, crypto xln, argillaceous, with trace mica, fair trace siltstone, sandstone, light gray tan, tan, very fine grained, dolomite, slightly micaceous.
- 1080-1120 Shale and siltstone as above.
- 1120-50 Siltstone, very light gray-tan, very light tan, dolomite, with dolomitic, brown to tan shale, trace dolomitic limestone tan den.
- 1150-1200 Shale light to dark brown, very limy to dolomitic, very firm blocky trace micro-mica and dolomitic limestone, tan to dark brown, crypto-xln, argillaceous den tite, very musty odor trace pyrite.
- 1200-80 Dolomitic limestone, light brown, brown, crypto-xln, argillaceous very den tite with shale light to dark brown, dolomite trace carbonaceous flecks, slightly micro-micaceous, trace calcareous very musty odor.
- 1280-90 Tuff, white, very light tan-white, firm, blocky with micro black to brown carbonaceous and shale flecks, slightly calcareous.
- 1290-1300 Interbedded tuff and dolomitic limestone, brown, tan argillaceous den and shale brown, dolomite trace silty streaks, musty odor.
- 1300-50 Interbedded tuff, argillaceous dolomitic and limestone as above, trace honey combed dolomite limestone, limestone, light tan, micro-xln, with trace calcareous filled bugs, trace brown resinous material trace pyrite musty odor.

- 1350-1400 Tuff, white, very light gray-white, flecked with tan, brown carbonaceous material and oil shale dolomitic-limestone and shale tan to brown, mottled, laminated with tuff trace calcareous trace pyrite, slightly musty odor.
- 1400-1500 Dolomitic limestone, light to very dark brown, crypto xln, very argillaceous den tite, with scattered trace interbedded tuff, trace micro-micaceous, trace calcareous trace honey combed dolomitic limestone trace pyrite, trace light gray, dolomite, shale.
- 1500-1600 Dolomite, dolomitic-limestone, light gray-tan, tan, brown light gray varved, crypto-xln, very argillaceous den tite slightly micro-micaceous, scattered trace interbedded tuff musty odor.
- 1600-50 Dolomitic limestone, light tan to dark brown, light gray-tan, varved, crypto-xln, very argillaceous den tite, with scattered trace micro-mica, scattered trace interbedded tuff, musty odor.
- 1650-1700 Dolomitic limestone, as above becoming more shaly and less to no tuff.
- 1700-70 Dolomitic limestone as above with shale light to dark brown, very dolomitic firm tite, trace honey combed dolomite, musty odor.
- 1770-1800 Shale light to dark brown, very waxy, soft resinous to pliable, dolomite with interbedded dolomitic limestone tan to brown crypto xln, argillaceous, trace brown oil stain, trace pyrite, musty odor.
- 1800-50 Shale very light trace very dark brown gray-brown laminated very firm blocky, dolomite, trace mica very scattered occasional trace sandy streaks, trace pyrite oily musty odor, very scattered to brown oil stain, trace argillaceous brown dolomite.
- 1850-1900 Shale very light to very dark brown, gray-brown, slightly laminated waxy lustre, dolomite trace mica, very firm, blocky musty odor, very rare to brown oil stain, trace very argillaceous brown dolomite, trace very light tan buff.
- 1900-50 Shale as above with scattered trace very tarry brown oil along very scattered frac, trace mica, musty odor trace very light tan tuff, very firm, blocky trace calcate vein filling material.
- 1950-2000 Shale light to very dark brown, gray-brown, slightly laminated, sub-waxy to very waxy lustre, dolomite trace interspersed mica flakes, very firm blocky, musty odor, trace very light tan tuff, very firm porcelinitic, trace calcite rare traces of oil stand shale.
- 2000-50 Shale as above with trace gray, light gray, micro-xln, very argillaceous, dolomitic limestone, trace mica, fair trace pyrite, very rare occasional of brown oil stain.

- 2050-90 Shale very light to very dark brown, gray-brown, gray-tan, slightly laminated, homogeneous, with slightly to very good waxy lustre, dolomite, trace mica, very firm, blocky musty odor very scattered, rare occasional of oil stain, trace sandstone tan to brown of good oil stained, trace pyrite.
- 2090-2100 Siltstone, sandstone, gray, light gray, very fine to medium grained, angular to sub-rounded clear frosted quartz grains, very silty and argillaceous streaks, micaceous, trace micro oolites well sorted and clean sandstone streaks have scattered brown oil flecks, predominately hard, tite.
- 2100-50 Interbedded siltstone and sandstone as above with very argillaceous streaks, rare occasional brown oil stain trace shale gray, very light green-gray, firm, blocky.
- 2150-70 Interbedded siltstone and sandstone as above becoming more argillaceous.
- 2170-90 Shale gray, light gray, gray-tan, gray-brown, slightly waxy lustre, dolomite, very firm, blocky trace limestone cream-tan, gray-cream, micro oolitic, to crypto xln, fragment, den tite.
- 2190-2200 Interbedded siltstone and sandstone, gray, light gray, very fine grained argillaceous, firm, tite, calcareous, trace gray silty, shale trace limestone cream tan as above.
- 2200-50 Shale, very light gray, gray, buff-gray, limy, firm, blocky, with scattered silty streaks, slightly micaceous, trace limestone buff, buff tan laminated earthy, slightly argillaceous, trace tan, slightly waxy oil shale.
- 2250-60 Shale light to dark gray, very dark brown, brown-black, sub-waxy to waxy lustre, dolomite to limy, musty oily odor trace light gray, tuFF, micaceous shale.
- 2260-70 Shale buff, light gray, gray, firm, limy.
- 2270-2300 Shale as above with copious amount shale very dark brown, brown-black, sub-waxy, dolomite very firm blocky, trace limestone, very light gray, very light gray-tan, cream-tan, micro-xln, ostracodal, with scattered silty streaks.
- 2300-30 Shale, gray, light gray, sub-waxy, very firm, blocky, very calcareous, slightly micaceous, trace limestone as above.
- 2330-60 Shale as above with trace sandstone very light gray, very fine grained, calcareous, slightly micaceous slightly scattered brown oil stain, trace ostracoda limestone streak.
- 2360-2400 Sandstone, gray, light gray, very fine to medium fine grained, angular, sub-rounded, clear, frosted quartz grains, with trace gray to black, with occasional tan, micro-oolitic, calcareous, slightly argillaceous slightly micaceous, firm, tite, fair trace interbedded gray, calcareous shale.

- 2400-20 Shale gray, light gray, very firm, blocky, calcareous, slightly micaceous, with interbedded siltstone, sandstone, light gray, very fine to fine grained, micaceous, slightly argillaceous, calcareous.
- 2420-50 Limestone dolomitic limestone, tan, cream-tan, very light brown crypto to micro xln, slightly argillaceous, den tite.
- 2450-90 Limestone as above with shale dark gray, gray, gray-tan, very firm, blocky, calcareous, trace pyrite.
- 2490-2500 Limestone as above becoming dolomite and also predominately dark gray, shale.
- 2500-60 Sandstone, very light gray, gray, very fine to medium grained, angular to sub-rounded, clear frosted quartz grains, with occasional tan to gray micro-oolites, micaceous, very calcareous very scattered good porosity, with interbedded shale gray, gray-tan, light green-gray firm blocky calcareous, slightly micaceous trace dolomitic limestone tan, den tite.
- 2560-80 Sandstone as above very scattered fair to good porosity with trace black very oolitic sandstone, trace gray shale,
- 2580-2600 Shale gray, light gray, calcareous, firm, blocky slightly micaceous, trace sandstone as above.
- 2600-20 Siltstone, sandstone, light gray, gray, very fine to fine grained, micaceous, slightly argillaceous, to black micro-oolites, calcareous, with moderate trace interbedded, light gray-gray, calcareous shale trace limestone tan, gray-tan, earthy.
- 2620-70 Limestone cream-tan, cream-white, buff-tan, very light gray tan, micro to medium sized oolites, ostracoda, micro-xln, slightly earthy appearance, scattered pin pup. trace calcareous filled porosity, with scattered trace brown and black stain.
- 2670-90 Limestone oolitic ostracodal as above becoming sandy.
- 2690-700 Limestone oolitic ostracodal as above with increase in sandstone, light gray very fine to fine grained calcareous slightly oolitic, slightly micaceous calcareous firm tite.
- 2700-10 Sandstone light gray, light gray-tan, very fine to fine grained, with interbedded, very fine to micro-oolites, calcareous firm tite to friable with trace poor porosity scattered argillaceous streaks.
- 2710-20 Siltstone, gray, slightly argillaceous micaceous, calcareous very firm.
- 2720-40 Siltstone as above with trace sandstone light gray-white, very fine to medium grained, calcareous micaceous, slightly oolitic clean, fair sorting fair porosity.
- 2740-50 Same as above with scattered very oolitic streaks.
- 2750-60 Sandstone, gray, light gray, very fine to fine grained, calcareous, slightly micaceous, micro-oolitic, with very poor to fair porosity.
- 2760-70 Sandstone as above with shale light gray, gray, firm, calcareous, with very silty inclusions.

- 2770-2800 Shale as above with scattered very silty and sandy streaks slightly oolitic.
- 2800-20 Siltstone, sandstone white, very light gray-gray, very fine to fine grained, very calcareous with scattered very oolitic streaks, trace shale gray, gray-green, firm calcareous, trace dolomitic limestone gray-brown argillaceous.
- 2820-40 Limestone dolomitic limestone, light gray, gray-tan, micro-xln, slightly argillaceous, very silty trace siltstone, light gray calcareous trace shale gray, light gray, calcareous, firm.
- 2840-60 Limestone dolomitic-limestone as above with fair trace oolites and ostracoda, trace siltstone, and shale.
- 2860-2900 Limestone cream-tan, cream, cream-gray, micro-xln, very oolitic, ostracodal.
- 2900-20 Limestone as above with siltstone gray, calcareous and shale gray, calcareous, slightly micaceous.
- 2920-60 Shale gray, slightly green-gray, firm very calcareous with siltstone, light gray gray, calcareous to a limy, very scattered trace pyrite.
- 2960-90 Shale as above with silty inclusions shale becoming greener in color, trace brown to tan dolomitic limestone and shale.
- 2990-3000 Shale very dark brown, gray-brown waxy limy, with trace ostracoda trace interbedded limestone tan to brown den trace calcareous.
- 3000-20 Shale very dark brown gray-brown, sub-waxy, very dolomitic to limy with interbedded dolomitic limestone, cream-tan crypto to micro xln, oolitic, trace ostracoda firm tite.
- 3000-30 Shale and dolomitic limestone as above with trace sandstone white, very fine grained calcareous.
- 3030-80 Interbedded brown shale and very fine grained, calcareous, white sandstone, very poor sample.
- 3080-90 Shale light to dark brown gray-tan, gray, calcareous firm, blocky, and interbedded sandstone white very fine grained calcareous slightly micaceous trace limestone crea-tan, crypto xln, slightly oolitic and ostracodal weak trace brown tarry of stain.
- 3090-3100 Sandstone and limestone as above with trace interbedded shale.
- 3100-10 Sandstone white, very light gray, very fine to fine grained, very calcareous, fair sorting trace mica, trace ostracoda and oolitic trace interbedded gray-tan, shale.
- 3110-60 Sandstone as above with good trace interbedded creamptan, oolitic and ostracodal limestone trace gray tan shale.
- 3160-80 Sandstone and limestone as above becoming more shaly with trace shale, gray, gray-green, green, red-brown, waxy.
- 3180-90 Sandstone white, light gray, very fine to medium fine grained very calcareous, slightly micaceous, with trace shale gray-green, gray-tan.
- 3190-3200 Shale light to dark gray, very calcareous, slightly ostracodal and oolitic, trace limestone cream-tan.

- 3200-10 Interbedded shale as above and lightgray, siltstone and sandstone.
- 3210-40 Sandstone white, very light gray, very fine to fine grained, very calcareous, slightly micaceous, with trace interbedded cream-tan limestone and gray tan shale.
- 3240-80 Shale, gray-brown, gray-tan, dolomite very firm with trace interbedded very fine to fine grained, white, calcareous sandstone.
- 3280-3300 Sandstone white, very light gray, very fine grained, calcareous and interbedded shale as above trace cream-tan, limestone.
- 3300-30 Interbedded sandstone, light gray-white, white, very fine grained, calcareous and cream-tan, oolitic limestone and gray-green, gray-tan dolomite, shale.
- 3330-3400 Shale gray-green, gray-tan, green-tan, sub-waxy slightly to very calcareous, slightly micaceous, weak trace sandstone as above trace dolomitic limestone gray-tan, very argillaceous, trace brite green shale.
- 3400-60 Shale gray, gray-green, gray-tan, sub-waxy slightly to very calcareous slightly micro-micaceous.
- 3460-3520 Shale as above with fair trace sandstone very light gray, white, very fine grained, very calcareous slightly micro-micaceous.
- 3520-3600 Shale, very light to very dark brown, gray-brown, sub-waxy lustre, dolomite, firm, blocky trace gray-green shale with very scattered silty and sandy inclusions.
- 3600-3700 Shale light to dark brown, gray-brown, gray-green, sub-waxy lustre, calcareous firm, blicky with silty and sandy inclusions.
- 3700-10 Shale, light to very dark gray, slightly calcareous firm blocky with considerable shale brown, tan, waxy with ostracoda, trace dolomite limestone inclusions.
- 3710-3800 Shale light to dark brown, waxy, firm, dolomite with trace ostracoda musty odor very scattered trace gray shale.
- 3800-50 Shale light to very dark brown, waxy, firm, dolomite with scattered trace ostracoda slightly musty odor, very scattered trace gray shale.
- 3850-80 Shale as above with very weak trace gray very fine grained sandstone.
- 3880-3900 Shale as above with trace siltstone sandstone light gray, very fine grained.
- 3900-10 Shale brown to tan, waxy dolomite with considerable interbedded shale light gray, sandstone light gray, very fine to fine grained calcareous with very silty streaks, trace limestone cream-tan, tan, oolitic.
- 2910-30 Siltstone, sandstone, light gray, gray, very fine to fine grained, calcareous with scattered trace light green, gray-green, gray, black calcareous shale trace tan to brown oil shale trace ostracoda and oolitic limestone.

- 3930-40 Siltstone, sandstone as above with trace rusty-red, dark purple-red, very light green, sub-waxy, meta-bentonite shale.
- 3940-70 Shale, dark red-green, dark-purple-red, dark red-brown, light to very dark gray, gray-green, olive gray, sub-waxy, slightly calcareous, firm blocky, meta bentonite, very widely scattered silty and sandy streaks.
- 3970-4000 Shale as above with fair trace sandstone, white, very light gray, very fine to medium grained, angular to sub-angular, clear frosted, quartz grains with trace green to black accessory mineral calcareous firm to friable.
- 4000-4090 Shale varicolored, drab predominate gray, gray-green, meta-bentonite, slightly calcareous with fair trace siltstone, sandstone, light gray, very fine to fine grained, calcareous firm, trace trace pyrite.
- 4090-4100 Shale as above with considerable shale light to very dark brown, dolomite to limy, sub-waxy, waxy lustre, with trace ostracoda, trace calcite.
- 4100-30 Shale, dark gray, gray, gray-green, black, with trace red-brown, meta-bentonite, with fair trace brown, waxy shale trace dolomitic limestone, cream-tan, tan, crypto to micro xln, with ostracoda, silic, streaks trace oil stain, trace chert light brown, to tan, amber.
- 4130-40 Shale light to dark brown, tan, waxy, dolomite firm, with interbedded dolomitic limestone, tan, light brown, micro-xln, with ostracodal and oolitic streaks trace silic streaks very scattered trace oil stain, trace pyrite, trace light to very dark gray, black, dull rusty-red, red-brown, meta-bentonite shale.
- 4140-70 Shale as above predominate very dull and drab varicolored shale.
- 4170-4200 Dolomite, dolomitic limestone, tan, light brown, crypto to micro xln, slightly oolitic and ostracodal, scattered silic streaks, predominate very hard trace trace interbedded tan to brown, waxy, dolomite, shale trace varicolored shale with trace chert.
- 4200-20 Shale gray, gray-green, red-gray, dull-red-purple, purple-red, black, meta bentonite, firm blocky with trace limestone and oil shale as above.
- 4220-40 Limestone, dolomitic limestone, cream-tan, crypto to micro-xln with oolitic and ostracodal streaks fair trace shale as above trace sandstone light gray, very fine to fine grained, calcareous.
- 4240-4300 Shale gray, gray-green, with red streaks, firm, blocky, meta-bentonite, trace sandstone very light gray, fine to medium grained, sub-angular to sub-rounded, clear frosted quartz grains, with occasional trace gray to black chert green, very calcareous, clear, fair sorting, fairly tight trace micro-oolites trace pyrite, trace cream-tan, oolitic ostracodal, dense limestone.

- 4300-25 Limestone, dolomitic limestone, cream-tan, gray-tan, light tan, crypto to micro-xln, ostracodal, oolitic with scattered sandy streaks, with interbedded gray-tan, gray, tan very calcareous, slightly ostracodal shale, trace gray, gray-green, meta-bentonite shale.
- 4325-30 Limestone as above with interbedded shale, fair trace shale very light gray, gray, gray-green, red-green, purple-red, red-brown, yellow-red, meta-bentonite, firm, blocky with silty streaks, trace sandstone white fine to medium grained, clean calcareous.
- 4330-40 Shale, light gray, light gray-green, yellow-green, yellow-red, purple-red, red-gray, meta-bentonite, blocky with trace limestone as above, trace sandstone very light gray very fine to fine grained, calcareous with trace pyrite.
- 4340-60 Shale as above with fair trace siltstone, sandstone, light gray, light green-gray, very fine to fine grained, calcareous, slightly argillaceous firm tite, considerable pyrite at 4355.
- 4360-75 Shale light gray, gray, gray-green, red-gray, with scattered trace purple-red, red-brown, yellow-red, meta bentonite, firm, blocky with trace siltstone, sandstone light gray, light gray-green, very fine to fine grained, trace green micro, slightly argillaceous, calcareous firm tite.
- 4375-90 Shale as above with increase in red-brown, yellow-red, purple-red, trace sandstone, light gray, light gray-green, white, very fine to medium grained, poorly sorted, kaolinitic, slightly calcareous, firm tite, trace pyrite.
- 4390-4400 Shale as above predominate gray, gray-green, with very good trace sandstone, light gray, light gray-green, very fine to medium grained, angular to sub-rounded, celar frosted, with trace very light orange and pink quartz grains, trace gray to black accessory mineral trace green mica, kaolinitic slightly calcareous firm, tite fair trace pyrite.
- 4400-50 Shale gray-green, gray dark gray, light gray-green with trace green-red, red-brown, purple-red, meta bentonite firm, blocky, with scattered silty and sandy inclusions, sandstone, light gray, very light gray-green, fine to medium grained, calcareous firm.
- 4450-90 Shale gray-green, green dark gray, light gray-green, with fair trace purple-red, red-brown, red-green, yellow meta-bentonite, firm, blocky, with scatted silty and sandy inclusions. trace sandstone light gray, light gray-green, very light purple-gray, fine to medium grained, varicolored, quartz and chert grains, calcareous, kaolinitic, slightly micaceous, trace pyrite.
- 4490-4500 Shale as above with fair trace rusty-red, brick-red, red-purple, silty shale trace white succrosic grysum.

- 4500-4600 Shale, gray, gray-green, red-gray, rusty-red, red-purple, red-yellow, yellow-brown, meta-bentonite, firm, trace white succrosic gypsum, scattered silty to very sandy inclusions, light gray to light purple-gray, very fine to medium argillaceous slightly calcareous firm, tite.
- 4600-10 Shale gray, gray-green, red-gray, purple-gray, rusty-red, red-purple, red-yellow, yellow brown, meta-bentonite, very slightly calcareous sub-waxy with scattered trace gypsum, with very scattered silty and sandy streaks.
- 4610-2700 Shale as above becoming predominate red with very scattered trace varicolored limestone nodules, trace gypsum.
- 4700-5261 No samples gas drilling.
- 5260-5300 Shale, dull varicolored with trace sandstone light green-gray very fine to fine grained, slightly calcareous firm tite, very poor samples drilling with gasiated mud.
- 5300-50 Shale gray, gray-green, red-gray, purple-red, red-brown, red-yellow, yellow, olive, meta-bentonite, sub-waxy very scattered trace siltstone, sandstone, very poor samples.
- 5350-60 Sandstone light gray-green, fine to medium grained, angular to sub-rounded, clear frosted with trace light pink, very light orange, quartz grains, shale, trace gray, to black chert grains, micro-micaceous, slightly calcareous, slightly argillaceous, firm, tite, with good trace shale as above .
- 5360-5400 Missing.
- 5400-5500 Shale red-brown, red-purple, red-gray, with gray-green, yellow green, meta-bentonite, firm with trace interbedded siltstone, and sandstone, light gray-green, very fine grained, trace varicolored limestone nodules, very poor samples.
- 5500-05 Shale as above with trace interbedded sandstone.
- 5505-90 Shale red-brown, purple-red, red-gray, trace gray-green, yellow-green, meta-bentonite, firm, blocky with trace interbedded silty and sandy streaks, trace very small varicolored limestone nodules.
- 5590-5600 Shale as above with trace sandstone, very light green-gray, fine to medium grained, angular to sub-rounded, quartz grains, kaolinitic, slightly calcareous firm, tite.
- 5600-5700 Shale red-brown, red-purple, purple-gray, very gray-green, yellow-green, yellow-red, meta-bentonite, blocky with very scattered interbedded silty and sandy streaks, trace very small, varicolored limestone nodules, very poor samples.
- 5700-20 Shale as above.
- 5720-40 Shale as above with fair trace sandstone very light gray, light green-white, very fine to medium grained, angular to rounded, clear with trace light pink and orange quartz grains, trace gray to black chert grains, calcareous, kaolinitic with firm tite.

- 5740-5800 Shale predominate red-brown, red-purple, purple-gray, with trace gray-green, yellow-purple, meta-bentonite, sub-waxy slightly calcareous, trace limestone nodules, scattered trace very light gray green, fine to medium grained, calcareous sandstone.
- 5800-40 Shale, predominate red-brown, purple-red, yellow-red, with trace red-brown-gray, gray-green, black meta-bentonite, slightly calcareous, sub-waxy, with scattered trace silty and sandy inclusions, trace varicolored limestone nodules.
- 5840-50 Shale as above with fair trace sandstone, very light gray, very light gray-green, very fine to fine grained, occasional medium grained streak, calcareous kaolinitic firm, tite.
- 5850-70 Shale as above with trace limestone nodules.
- 5870-5900 Shale as above with increase in dark gray to black, sub-waxy, meta-bentonite shale.
- 5900-6000 Shale varicolored as above with trace limestone nodules, trace very light gray, very fine grained, calcareous sandstone.
- 6000-13 Shale predominate red-brown, purple-red, yellow-red, with trace gray-red, gray-green, black, meta-bentonite, slightly calcareous sub-waxy, with very rare trace silty and sandy strks trace limestone, varicolored, den tite.

U. S. LAND OFFICE **Salt Lake City**  
 SERIAL NUMBER **U-02277-A**  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**Uintah Unit**

			*				
			23				

LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **DeKalb Agricultural Assn., Inc.** Address **Box 523, Vernal, Utah**  
 Lessor or Tract **Uintah Unit** Field **Wild Cat** State **Utah**  
 Well No. **4** Sec. **23** T10-SR21-E Meridian **S.L.B.M.** County **Uintah**  
 Location **1801** ft. <sup>XBX</sup> of **N** Line and **1947** ft. <sup>XBX</sup> of **E** Line of **Section 23** Elevation **5275 D.F.**  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed *J. J. Jaden*

Date **January 16, 1962** Title **Prod. Drilling Supt.**

The summary on this page is for the condition of the well at above date.

Commenced drilling **May 9**, 19**61** Finished drilling **May 29**, 19**61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4070'** to **4100' G** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **5010'** to **5045' G** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from **5575'** to **5596' G** No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from **520** to **560** No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from **1570** to **2000** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	32.7#	8 rnd	J-55	167' K.B.	Davis	Lynch			Surface Protective Production
7"	23#	"	J-55	4702' K.B.	Baker				
4-1/2"	11.60#	"	J-55	6011' K.B.	Baker		5575'	5585'	
2-7/8"	6.50#	"	J-55	5107' K.B.					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	167' K.B.	100 sxs	pump & Plug	water	Hole full
7"	4702' K.B.	400 sxs 50-50	poz-mix Pump & Plug	Water	Hole Full
4-1/2"	6011' K.B.	175 sxs	poz-mix Pump & Plug	9.2 w/gal	hole Full
2-7/8"	5107' K.B.	60 sxs	poz-mix PLUGS AND ADAPTERS	10.1 "	" hole Full
Heaving plug—Material			Length		Depth set
Adapters—Material			Size		

SHOOTING RECORD

Caseing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	167' K.B.	100 sxs	pump & Plug	water	Hole full
7"	4702' K.B.	400 <del>sxs</del> 50-50 poz-mix	Pump & Plug	Water	Hole Full
4-1/2"	5011' K.B.	175 sxs poz-mix	Pump & Plug	9.2 "	9.2 " / hole Full
2-7/8"	5107' K.B.	60 sxs Poz-mix	PLUGS AND ADAPTERS	10.1 "	" hole Full
Heaving plug—Material		Length		Depth set	
Adapters—Material		Size			

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2"	McCullough	2-way Jet Notch	1	12-13-61	5042'	5600' PBD
2-1/16"	20 Gram	Mac Jet	4 per ft	6-9-61	5575 to 5585'	

**TOOLS USED**

Rotary tools were used from Surface feet to 6506 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

~~December 16~~, 19 ~~61~~ Put to producing ~~Shut In Dec. 16, 1961~~.  
 The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_  
 If gas well, cu. ft. per 24 hours **1,200,000** <sup>CFG/D</sup> Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. **2500 PSI**

**EMPLOYEES**

~~Harlan Payton (Pusher)~~, Driller ~~XXXXX~~ ~~S. W. Hansen~~, Driller  
~~Tom Cunningham~~, Driller ~~Bill Mead~~, Driller

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
Surface	980'	980'	UINTAH FORMATION
980'	4305'	3325'	GREEN RIVER FORMATION
4305'	6014'	1609	WASATCH FORMATION
			TOTAL DEPTH 6014' K.B.

7k

110 102

**GAS PRODUCING ENTERPRISES, INC.**

*A Subsidiary of Coastal States Gas Producing Company*

Phone (801) 789-4433

Vernal, Utah 84078

Mailing Address  
P. O. Box 628

March 6, 1972

State of Utah, Department of Natural Resources  
Division of Oil & Gas Conservation  
1588 North Temple Street  
Salt Lake City, Utah 84116

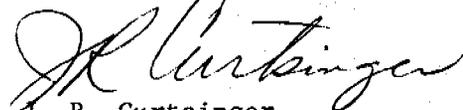
Attention: Cleon B. Feight

Dear Sir:

In our letter of January 21, 1972, we advised of our purchase from Tenneco Oil Company of a group of wells. In addition, the following wells were included in that purchase, effective December 8, 1971.

Ute Trail Unit - U-02277A,	Sec. 23, SWNE T-10S R-21E - #4
Ute Trail Unit - U-01191,	Sec. 4, NENE 10S 22E - #7
Ute Trail Unit - Com. Ag. 124,	Sec. 1, SWNE 10S 22E - #15

Yours very truly,



J. R. Curtsinger  
Division Manager

JRC/ev

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE .....  
LEASE NUMBER .....  
UNIT ..... Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1975, NB 3,4,6,8 - Uintah 1,4

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.

Vernal, Utah 84078 Signed [Signature]

Phone 789-4433 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, describe the work done on the date and result of test for gas and percent of gas)	
WASATCH-MESAVERDE PARTICIPATING AREA						"A"					
U-01791 SWNE 17	10S	21E	3	28	—		4,132			Dual Completion	
WASATCH-MESAVERDE PARTICIPATING AREA						"B"					
U-0149075 NESE 23	9S	21E	4	28	48		8,976				
U-0149076 NWSE 24	9S	21E	6	26	5		7,366				
PARTICIPATING AREA PENDING											
U-01191A SWNE 33	9S	22E	8	28			5,058				
TRACT 2 PARTICIPATION											
State											
SENE 16	10S	21E	1							SI Indefinitely	
U-02277A SWNE 23	10S	21E	4							SI Indefinitely	
							Gas Disposition	Cond. Disposition			
							Sold 25,532	On hand 111	144		
							Flared/Vented 0	Produced 62			
							Fuel 0	Sold 72			
								Lost			
								On hand 1130	137		

NOTE.—There were 72 runs or sales of oil; 25,532 M cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER \_\_\_\_\_  
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1977, NB #'s 3, 4, 6, 8 - Uintah Unit 1, 4.  
Agent's address P. O. Box 749 Company Gas Producing Enterprises, Inc.

Denver, Colorado 80201

Signed [Signature]  
Agent's title Administrative Supervisor

Phone (303) 572-1121

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (Of drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
WASATCH-MESAVERDE PARTICIPATING AREA "A"										
U-01791										loaded w/ fluid Dual Completion
SWNE 17 10S 21E	3	-0-	-0-	-	-0-	-	-0-	-	-0-	
WASATCH-MESAVERDE PARTICIPATING AREA "B"										
U-0149075										
NESE 23 9S 21E	4	31	386	60+	10,390	-	-0-			
U-0149076										
NWSE 24 9S 21E	6	31	-0-	-	10,541	-	-0-			
PARTICIPATING AREA PENDING										
U-01191A										
SWNE 33 9S 22E	8	31	-0-	-	7,214	-	-0-			
TRACT 2 PARTICIPATION										
State										
SENE 16 10S 21E	1	-0-	-0-	-	-0-	-	-0-	-	-0-	SI Indefinitely
U-02277A										
SWNE 23 10S 21E	4	-0-	-0-	-	-0-	-	-0-	-	-0-	SI Indefinitely

		DISPOSITIONS		GAS	
OIL					
On hand at beginning of month		99		Sold	28,145
Produced during month		386		Flared/Vented	-0-
Sold during month		383		Used On/Off Lease	-0-
Unavoidably lost		-0-			
Reason		-			
On hand at end of month		103			
				WATER	
				Pit	-0-
				Injected	-0-
				Trucked	-0-
				Other	-0-

Note.—There were 3 runs or sales of oil; 28,145 M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
CIG EXPLORATION, INC

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1801' FNL & 1947' FEL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-02277-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES UNIT

9. WELL NO.  
UINTAH UNIT #4

10. FIELD OR WILDCAT NAME  
NATURAL BUTTES UNIT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 23-T10S-R21E

12. COUNTY OR PARISH | 13. STATE  
UINTAH | UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5275' D. F.

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

NOTICE OF INTENT TO PLUG AND ABANDON THE UINTAH UNIT #4 WELL. THIS WELL HAS BEEN SHUTIN SINCE 1967 DUE TO HIGH WATER PRODUCTION AND MECHANICAL PROBLEMS.

SEE ATTACHED PROCEDURE.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 1/12/82  
BY: WJ Feightl

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. V. Gooden TITLE PRODUCTION ENGINEER DATE JANUARY 4, 1981  
W. V. GOODEN

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

date: JANUARY 4, 1981

to: MILES REYNOLDS, JR.

*interoffice correspondence*

from: W. J. GOODEN

*wjg*

re: P&A PROCEDURE  
UINTAH UNIT #4  
SECTION 23-T10S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

Please find attached the P&A procedure for the above referenced well. The BLM is interested in taking over the well as a water well. The USGS in Salt Lake City has indicated that the BLM has the right to take over the well. We would be required to plug the well according to normal procedure up to the point where BLM would take control and responsibility. We would also be required to do some surface restoration work. However, the work required would be less than for total abandonment since the "pond" should not have to be drained and back filled.

The AFE and Recommendation for Abandonment was submitted with the letter of October 15, 1981, "Plug and Abandonments - Ute Trail Unit and Uintah Unit Wells".

WJG/ma

xc: Frank Midkiff  
Betty Nelson  
Warren Siebold  
Pat Bohner

RECOMMENDED P&A PROCEDURE

UINTAH UNIT #4  
SW NE SECTION 23-T10S-R21E  
UINTAH COUNTY, UTAH

JANUARY 4, 1982

WELL DATA

Location: 1801' FNL & 1947' FEL, SECTION 23-T10S-R21E

Elevation 5275' DF

Total Depth: 6011'

PBTD: 5100'

Completion Date: 12-31-81

Last Production: 1967

Cumulative Production: 369 MMCF

Perforations: Notch in tubing @ 5042'

Casing: 10-3/4" set @ 167' w/100 sx Cement circulated.  
7" set @ 4702' w/400 sx. Top of cement @ 3427' @ logs.

Liner: 4 1/2" set @ 6011' w/top @ 4512'. Cemented w/175 sx. Collapsed  
curing frac and was subsequently squeezed w/total of 825 sx.

Tubing: 2-7/8", 6.5#, J-55 set @ 5011'. 144 jts 8rd on top and 20 jts  
Hydril on bottom. Cement in 3-7/8" hole w/60 sx cement. Top  
of cement 4225' @ logs.

Casing (7") ID/Capacity" 6.37'/.0393 bbl/ft

Casing Drift Diameter: 6.24"

Formation Tops: Uintah Surface  
Green River - 980'  
Wasatch - 4278'

PROCEDURE

1. Kill well w/10 ppg brine or 9.5 ppg drilling mud.
2. ND tree, NU BOP's.
3. Cut 2-7/8" tubing @ 4180'.
4. PULL 10' to 4170' w/2-7/8" tubing.

RECOMMENDED P&A PROCEDURE  
UINTAH UNIT #4  
SW NE SECTION 23-T10S-R21E  
UINTAH COUNTY, UTAH  
JANUARY 4, 1982  
continued:

5. Circulate hole w/9.5ppg drilling mud.
6. Set 200' plug above top of tubing inside 7" casing from 4170' to 3970' w/40 sx class "G" cement.
7. Set 200' plug across top of oil shale inside and outside of 7" casing from 1350' to 1150' by POOH to 1200' and perforating 4 JSPF @ 1250'. RIH to 1350' spotting 75 sx class "G" cement, POOH to 750' and squeezing 35 sx cement through perforations @ 1250'. (Shut-off annular water flow).
8. POOH to 270' and set plug inside 7" casing from 270' to surface w/50 sx class "G" cement.
9. POOH w/2-7/8" tubing.
10. Set plug in annulus between 10-3/4" surface casing and 7" intermediate casing by bullheading 60 sx class "G" cement down annulus.
11. Remove wellhead and cutoff all casing at least 3' below ground. Set dry hole marker in plug inside 7" casing.
12. Cleanup and restore location to original grade.
13. Notify USGS to make final inspection.

Note: Total cement required to P&A = 225 sx. If casing is blocked or collapsed, notify the Denver office.

PREPARED BY: WJ Gooden DATE: 1/4/82  
W. J. GOODEN, PRODUCTION ENGINEER

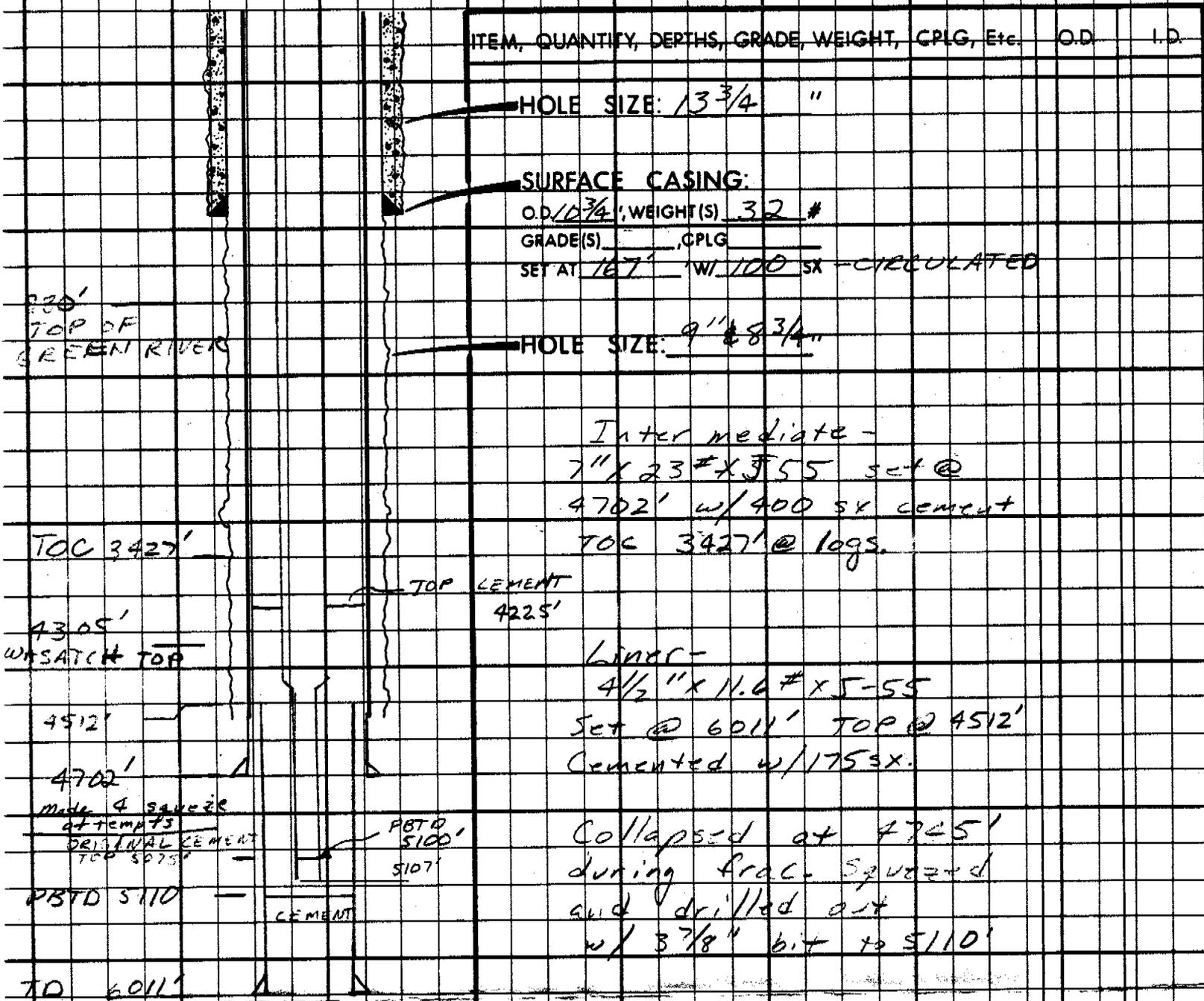
APPROVED BY: FR Midkiff DATE: 1-5-82  
FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

NOTE: If BLM elects to take over well as water source, step 10 thru 12 may be modified or eliminated.

PRODUCING STATUS: SI - HOLE IN CASING  
 WELLHEAD WORKING PRESSURE: \_\_\_\_\_

DOWNHOLE SCHEMATIC	
LEASE:	<u>Vintah Unit</u>
WELL #:	<u>4</u>
FIELD:	_____
LOCATION:	_____
COUNTY/STATE:	_____
TD:	_____
PBTD:	_____
PERFS:	_____
PROD FORM(S):	_____
DATE:	BY: _____

KB ELEVATION: \_\_\_\_\_  
 FORM TOPS: \_\_\_\_\_



ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.	O.D.	I.D.
---	------	------

HOLE SIZE: 13 3/4 "

SURFACE CASING:

O.D. 10 3/4 ", WEIGHT(S) 32 #  
 GRADE(S) \_\_\_\_\_, CPLG \_\_\_\_\_  
 SET AT 167 ' W/ 100 SX - CIRCULATED

HOLE SIZE: 9" & 8 3/4"

Inter mediate -  
7" x 23 # x 5-55 set @  
4702' w/ 400 SX cement  
 TOC 3427' @ logs.

TOP CEMENT  
4225'

Liner -  
4 1/2" x 11.6 # x 5-55  
 Set @ 6011' TOP @ 4512'  
 Cemented w/ 175 SX.

Collapsed at 4745'  
 during frac. Squeeze  
 and drilled out  
 w/ 3 7/8" bit to 5110'

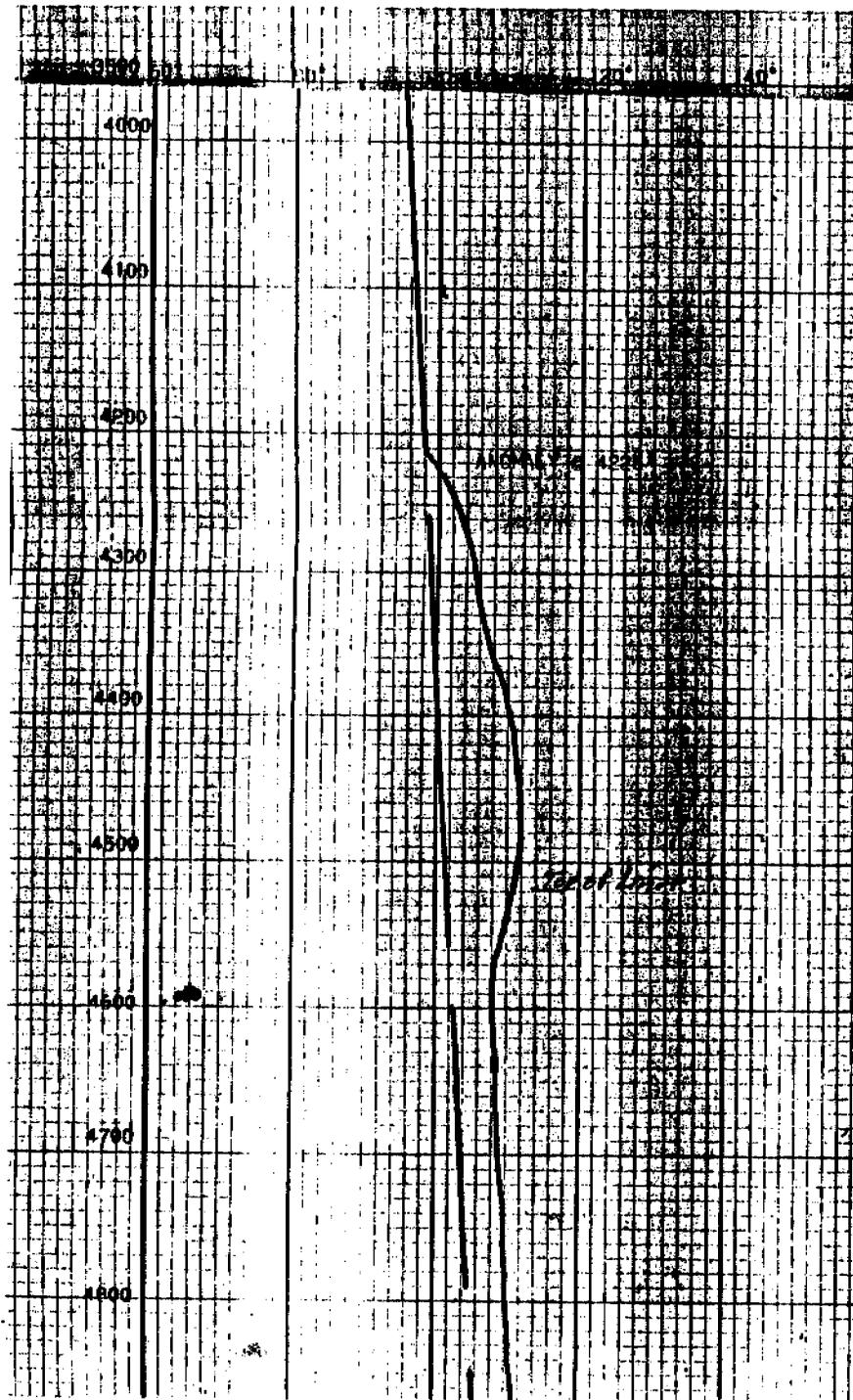
Perfs -  
 Notch @ 5042'

Tubing -  
2 7/8" - 20 jts J-55 6.5 #

Hydril  
2 7/8" - 144 jts J-55 6.5 #  
 8 ft thd.

All Hydril plus  
8-9 jts 8 # cemented  
 in hole.

NOTE: Records indicate  
 well was not side-tracked  
 after casing collapsed.  
 Liner top was squeezed and  
 drilled to 5110' w/ 3 7/8" bit.  
 Shale and sandstone were drilled  
 so tubing is probably outside liner.



# B. & R. SERVICE, INC.

RECEIVED  
 8/28  
 8 1967  
 VERMILION UTAH

## TEMPERATURE SURVEY

COMPANY DE KALB AGRICULTURAL ASSOCIATION

WELL UINTAH # 4 FIELD

COUNTY UINTAH STATE UTAH

SEC. TWP. RGE.

APPROX. TOP CEMENT 4225'

Survey Begins at 3500' Ft. Ends at 5100'

Approx. Fill-Up 395' Max. Temp. 112'

Log Measured From G.L. Run No.

Casing Size	Casing Depth	Diam of Hole	Depth
2 3/4"	from 0 to 5107'	3 1/2"	from to
	from to	from to	

Date of Cementing 12-10-61 Time 11:00 A. M.

Date of Survey 12-10-61 Time 11:00 P. M.

Amount of Cement 60 SACKS Type

Amount of Admix 2 1/2 GAL Type

Recorded by CATT & COX Witnessed by WALTER HAGER

REMARKS OR OTHER DATA

TEMPERATURE IN DEGREES FAHRENHEIT



# McCullough

SCINTILLOMETER  
NUCLEAR  
CEMENT LOCATION LOG

PLANS NO. R-6038

COMPANY DeKALB AGRICULTURE ASS'N., INC.

WELL UINTAN #4

FIELD BITTER CREEK

COUNTY UINTAN STATE UTAH

LOCATION:

1801' FROM NORTH LINE AND  
1947' FROM EAST LINE

SEC. 23 TWP. 10S RGE. 21E

PERMANENT DATUM GROUND LEVEL ELEV. 4268'

LOG MEASURED FROM K.B. 9 FT. ABOVE PERMANENT DATUM

DRILLING MEASURED FROM K.B. 8 4269'

DATE 6-7-61

RUN NO. 1

TYPE LOG CEMENT

DEPTH-DRILLER 6014' (5978' P.D.)

DEPTH-LOGGER 5599'

BOTTOM LOGGED INTERVAL 5597'

TOP LOGGED INTERVAL 1680'

TYPE FLUID IN HOLE GAS FROM 0' TO 4509' AND

WATER FROM 4509' TO 5597'

SALINITY PPM CL. SALTY

LEVEL 4509'

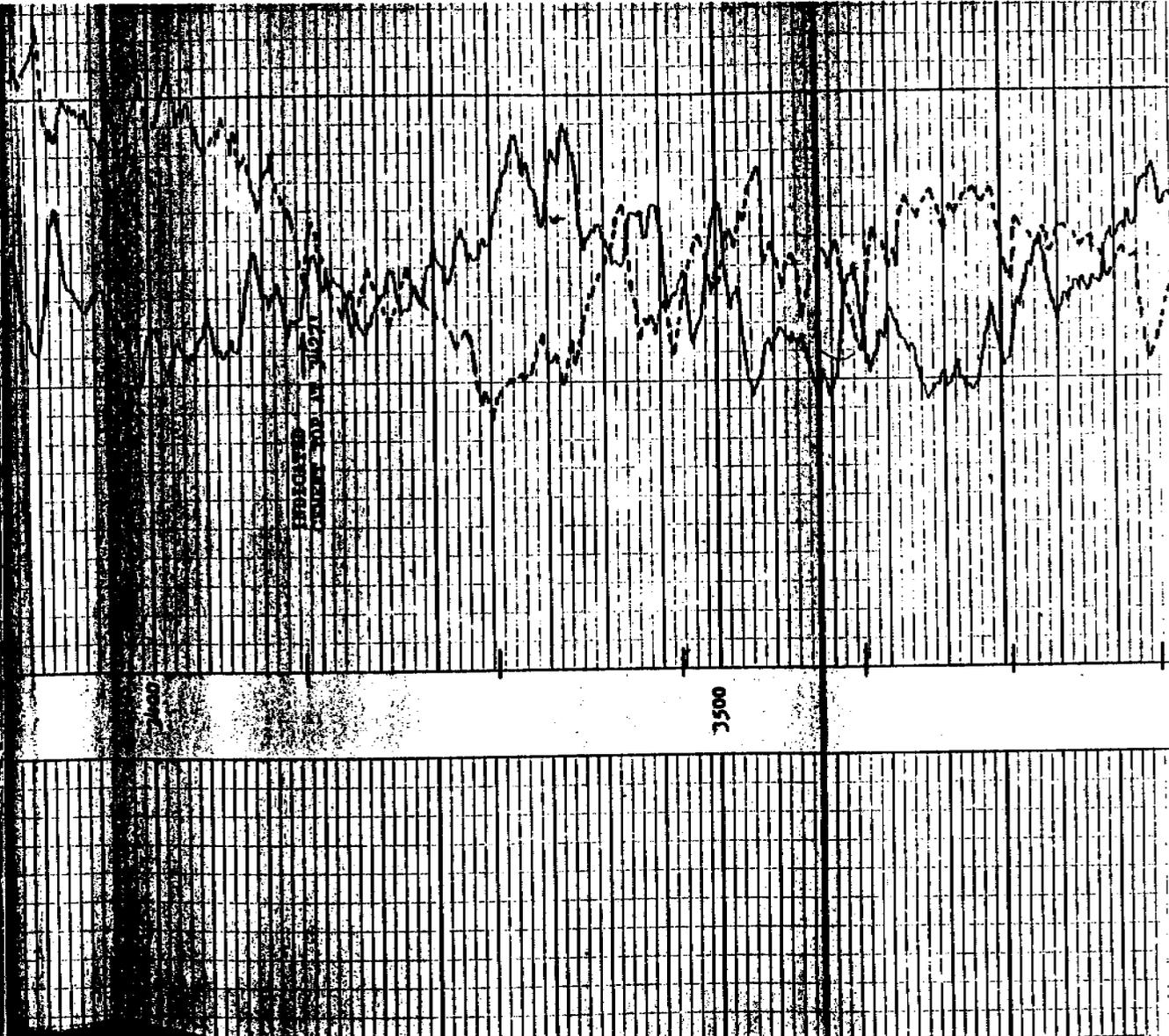
MAX. REC. TEMP. DEG. F. ---

OPR. RIG TIME 7 HRS.

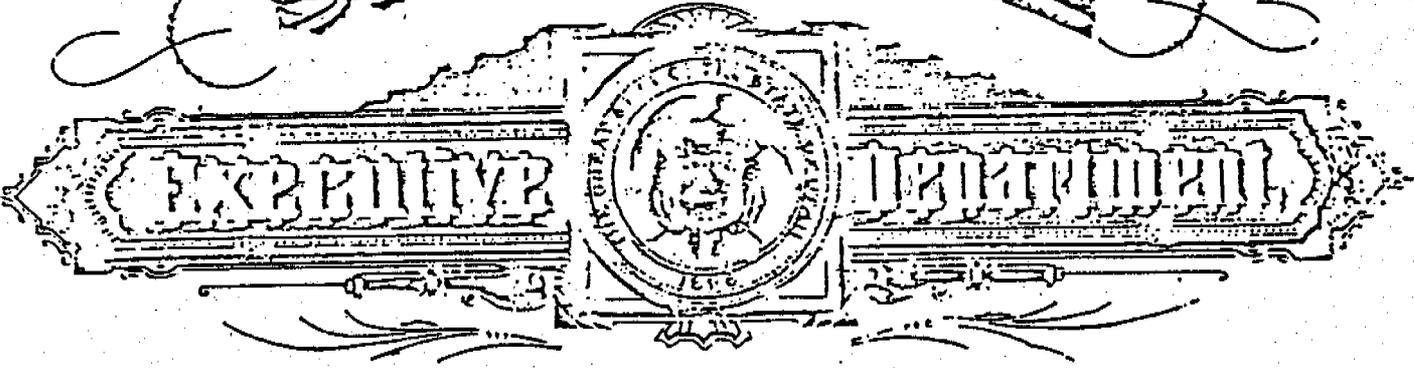
RECORDED BY HOBISON

WITNESSED BY MR. JOHNSON

BORE HOLE RECORD			CASING RECORD			
BIT	FROM	TO	SIZE	WT.	FROM	TO
01	0'	150'	10-3/4"	---	0'	150'
02	150'	4702'	8"	23#	0'	4702'
03	4702'	6014'	8"	23#	4509'	6014'



STATE OF UTAH



Office of Lt. Governor/Secretary of State

AMENDED CERTIFICATE OF AUTHORITY

OF

**COASTAL OIL & GAS CORPORATION**

I, DAVID S. MONSON, Lt. Governor/Secretary of State of the State of Utah, hereby certify that duplicate originals of an Application of

COASTAL OIL & GAS CORPORATION  
GAS PRODUCING ENTERPRISES, INC.

formerly

for an Amended Certificate of Authority

duly signed and verified pursuant to the provisions of the Utah Business Corporation Act, have been received in my office and are found to conform to law.

ACCORDINGLY, by virtue of the authority vested in me by law, I hereby issue this Amended Certificate of Authority to

COASTAL OIL & GAS CORPORATION

to transact business in this State

and attach hereto a duplicate original of the Application for such Amended Certificate.

File No. #49324

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State of Utah at Salt Lake City, this 4th day of April, A.D. 1978

*David S. Monson*

LT. GOVERNOR/SECRETARY OF STATE

date: MAY 3, 1982

to: GUY TOMLINSON

from: W. J. GOODEN *WJG*

re: REVISED P & A PROCEDURE  
UINTAH UNIT #4  
SECTION 23-T10S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

*interoffice correspondence*

Please find attached the revised P&A procedure for the Uintah Unit #4. The BLM has agreed to take over the well as a fresh water source and the procedure was revised accordingly. The BLM is currently preparing the necessary forms.

WJG/ma

xc: Frank Midkiff  
Betty Nelson  
Pat Bohner  
Karl Oden

REVISED P&A PROCEDURE

UINTAH UNIT #4  
SW NE SECTION 23-T10S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH

MAY 3, 1982

WELL DATA

Location: 1801' FNL & 1947' FEL, SECTION 23-T10S-R21E

Elevation: 5275' DF

TD: 6011'

PBTD: 5100'

Completion Date: 12-31-81

Last Production: 1967

Cumulative Production: 369 MMCF

Perforations: Notch in tubing @ 5042'

Casing: 10-3/4" set @ 167' w/100 sx cement. Cement circulated.  
7" set @ 4702' w/400 sx. Top of cement @ 3247' @ logs.

Liner: 4 1/2" set @ 6011' w/top @ 4512'. Cemented w/175 sx. Collapsed during frac and was subsequently squeezed w/total of 825 sx.

Tubing: 2-7/8" 6.5# J-55 set @ 5011'. 144 jts 8rd on top and 20 jts Hydril on bottom. Cement in 3-7/8" hole w/60 sx cement. Top of cement 4225' @ logs.

Casing(7") ID/Capacity: 6.37"/.0393 bbl/ft

Casing Drift Diameter: 6.24"

Formation Tops: Uintah - Surface  
Green River - 980'  
Wasatch - 4278'

PROCEDURE

NOTE: This procedure replaces procedure of January 4, 1982 and is revised to allow BLM to take over well as a fresh water source.

1. MIRUSU
2. ND tree. NU BOP's. Kill well if necessary.

REVISED P&A PROCEDURE  
UINTAH UNIT #4  
SECTION 23-T10S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
MAY 3, 1982  
continued:

3. Cut 2-7/8" tbg @ 4180'.
4. Pull 10' to 4170' w/2-7/8" tbg.
5. Set 200' plug above top of tubing inside 7" casing from 4170' to 3970' w/40 sx class "G" cement.
6. TOOH w/2-7/8" tbg.
7. ND BOP's. NU tree.
8. Notify USGS and BLM that well has been plugged back to the top of the Wasatch and turned over to the BLM as a fresh water source.

PREPARED BY: W. J. Gooden DATE: 5/3/82  
W. J. GOODEN, PRODUCTION ENGINEER

APPROVED BY: Wendell Cole DATE: 5-3-82  
WENDELL COLE, DISTRICT GEOLOGIST

APPROVED BY: Frank Midkiff DATE: 5-3-82  
FRANK MIDKIFF, DISTRICT PRODUCTION MANAGER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1801' FNL & 1947' FEL  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
U-02277-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES UNIT

9. WELL NO.  
UINTAH UNLT. #4

10. FIELD OR WILDCAT NAME  
BITTER CREEK

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
SECTION 23-T10S-R21E

12. COUNTY OR PARISH: 13. STATE  
UINTAH UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5275' DF

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other)      

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

P&A PROCEDURE FOR THE ABOVE CAPTIONED WELL WAS SUBMITTED ON JANUARY 1982. ATTACHED YOUR APPROVAL IS A REVISED PROCEDURE WHICH WILL ALLOW THE BEM TO TAKE THE WELL OVER AS A FRESH WATER SOURCE.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS AND MINING**

DATE: 1/10/82  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

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

SIGNED W. J. Gooden TITLE PRODUCTION ENGINEER DATE MAY 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR  
P. O. BOX 749, DENVER, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1801' FNL & 1947' FEL.  
AT TOP PROD. INTERVAL: SAME  
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO:
- TEST WATER SHUT-OFF
  - FRACTURE TREAT
  - SHOOT OR ACIDIZE
  - REPAIR WELL
  - PULL OR ALTER CASING
  - MULTIPLE COMPLETE
  - CHANGE ZONES
  - ABANDON\*
  - (other)

SUBSEQUENT REPORT OF

**RECEIVED**

JUL 07 1982

DIVISION OF  
OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE  
U-02277-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME  
NATURAL BUTTES UNIT

9. WELL NO.  
UINTAH UNIT #4

10. FIELD OR WILDCAT NAME  
BITTER CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SECTION 23-T10S-R21E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5225' DF

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.)\*

WELL WAS PREPARED FOR BLM TO TAKE OVER FOR FRESH WATER DISPOSAL.  
BLM WILL PREPARE NECESSARY PAPERWORK AND SUBMITT.

SEE ATTACHED CHRONOLOGICAL.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED W. J. Gooden TITLE PRODUCTION ENGINEER DATE JUNE 24, 1982  
W. J. GOODEN

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UINTAH UNIT #4  
Section 23-T10S-R21E  
1801' FNL & 1947' FEL  
BITTER CREEK FIELD  
UINTAH COUNTY, UTAH  
TD: 6011'  
PBSD: 5100'

6-18-82 MOVE IN GAMACHE WELL SERVICE . RUSU. BLOWDOWN WELL. ND TREE. NU BOP'S.  
CWC: \$2850

6-19-82 RU NL MCCULLOUGH & CUT TBG @ 4180'. POOH 1JT - TBG WOULD NOT GO DOWN. POOH  
ADD'1 6 JTS. EST CIRC & SET CEMENT PLUG FROM 3960' to 3760' w/40 SX CMT. POOH W/TBG  
& LD. CWC: \$11,997

6-23-82 RD GAMACHE WELL SERVICE. FINAL REPORT. \$15,347

COMPANY: COASTAL UT ACCOUNT # W0230 SUSPENSE DATE: \_\_\_\_\_

WELL NAME: UNITAH UNIT #4

API #: 4304715376

SEC, TWP, RNG: 23 10S 21E

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: RANDY WAHL SHARIE SWANSON

CONTACT TELEPHONE NO.: 1-303-573-4468

SUBJECT: STATUS OF WELL?

(Use attachments if necessary)

RESULTS: RANDY WILL HAVE SHARIE CALL BACK

2-11-88 8:20

'82 BLM TOOK OVER AS WATER WELL

COULD NOT FIND WELL FILE

5-4-88 PER BENNA- THIS IS A WATER WELL

AT BLM<sup>↑</sup>

(Use attachments if necessary)

CONTACTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

status changes.

- 43-047 ✓ 15102 from SWW to PA 4/80 9/9, ed 13-<sup>20</sup>25-05 #2 Byllesby.  
-27-48  
Water Supply  
no file
- 20448 from WSW to PA. 2/87 6-25-36 Rogan et al #1
- ~~10509 from WSW to PA 10/86 7-23-9 Pearl Proactants #3.~~
- led in Prod 30579. from TA to PA 9/86 8-21-33 Duncan 7d @33#8
- ✓30714 from SOW to WSW 4/86 5-23-18 Cat Creek 18-1A.
- ✓15375 from SOW to WSW 11/86 10-21-16 Uintah Unit #1
- ✓15376 from PA to WSW 12/86 10-21-23. Uintah Unit #4
- ✓15275 from POW to WSW 10/86 7-23-26. RWU 16S.
- ✓31473 from PA to SOW 8-18-26 Parrette 7d 1626

from Carol Kubly 5 Oct 87  
789-1388

12-11-87

JOHN - HERE ARE THE FILES FOR THE ABOVE LIST FROM CAROL.

CAN I USE THIS LIST TO CHANGE THE STATUS OR WAD WE REQUEST ADD'L INFO FROM THE OPERATORS?

PLEASE ADVISE!

Vicky C

JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Beico Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Beico Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Beico/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior

RECEIVED

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTU-25566 et al  
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

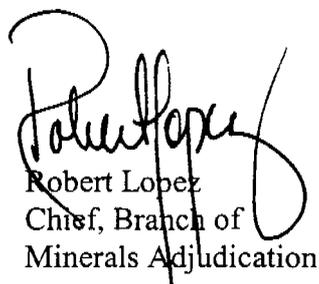
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 1 0 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (832) 676-5933		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

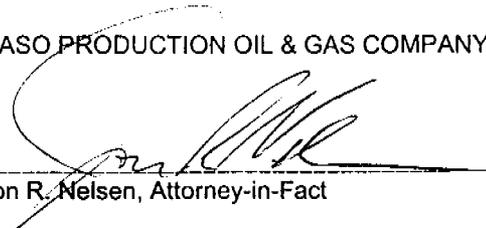
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_  
State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED  
FEB 28 2003  
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS  
Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address  
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

5. Lease Serial No.  
SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
SEE ATTACHED EXHIBIT "A"

9. API Well No.  
SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other
			SUCCESSOR OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration then. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and so on. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed)  
CHERYL CAMERON

Signature

Title  
OPERATIONS

Date  
March 4, 2003

BUREAU OF OIL, GAS & MINING

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No.**

**Unit:**

**NATURAL BUTTES**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 398	18-10S-21E	43-047-34366	99999	FEDERAL	GW	APD
CIGE 69-19-10-21	19-10S-21E	43-047-30635	2900	STATE	GW	PA
NBU CIGE 20-20-10-21	20-10S-21E	43-047-30485	2900	STATE	GW	P
NBU 75N3	20-10S-21E	43-047-31103	2900	STATE	GW	P
NBU 420	20-10S-21E	43-047-34377	99999	FEDERAL	GW	APD
NBU 421	20-10S-21E	43-047-34378	99999	FEDERAL	GW	APD
CIGE 252	21-10S-21E	43-047-33721	2900	FEDERAL	GW	P
CIGE 253	21-10S-21E	43-047-33722	2900	FEDERAL	GW	P
CIGE 248-21-10-21	21-10S-21E	43-047-33226	2900	FEDERAL	GW	P
CIGE 276	21-10S-21E	43-047-34417	99999	FEDERAL	GW	APD
CIGE 277	21-10S-21E	43-047-34800	99999	FEDERAL	GW	APD
NBU 19	21-10S-21E	43-047-30227	2900	FEDERAL	GW	PA
NBU 419	21-10S-21E	43-047-34376	99999	FEDERAL	GW	APD
NBU CIGE 59-21-10-21	21-10S-21E	43-047-30548	2900	FEDERAL	GW	PA
NBU 388	22-10S-21E	43-047-34240	99999	FEDERAL	GW	APD
NBU CIGE 49-22-10-21E	22-10S-21E	43-047-30507	2900	FEDERAL	GW	PA
CIGE 66-23-10-21	23-10S-21E	43-047-30542	2900	FEDERAL	GW	S
NBU 401	23-10S-21E	43-047-34801	99999	FEDERAL	GW	APD
NBU 387	23-10S-21E	43-047-34239	99999	FEDERAL	GW	APD
UINTAH UNIT 4	23-10S-21E	43-047-15376	2900	FEDERAL	WS	PA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/21/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/21/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The FORMER operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.	SEC TWN RNG	API NO	Unit:	LEASE TYPE	WELL TYPE	WELL STATUS
				NATURAL BUTTES UNIT			

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. Reports current for Production/Disposition & Sundries on: ok

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
**MULTIPLE LEASES**  
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
**MUTIPLE WELLS**

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

9. API Well No.

3a. Address **1368 SOUTH 1200 EAST VERNAL, UT 84078**  
3b. Phone No. (include area code) **(435) 781-7024**

10. Field and Pool, or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**SEE ATTACHED**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>CHANGE OF OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**  
**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

*Earlene Russell*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

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

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

*Randy Bayne*

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by	Title	Date
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Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**WESTPORT OIL & GAS COMPANY L.P.**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED  
MAY 10 2006

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

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MAR 28 2006

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