Converted to Water Injection 8-7-69

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	PMB
Entered On S R Sheet	7	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	Sn Unit
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed

OW ✓ WW TA

GW OS PA

Location Inspected

Bond released

State of Fee Land

LOGS FILED

Driller's Log

Electric Logs (No.) 4

E I E-I ✓ GR GR-N Micro ✓

Lat Mi-L Sonic Others Cement Top Log ✓

Perforating Depth Control ✓

(2) (2) (2) (5)

Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

December 27, 1963

United States Geological Survey (2)
416 Empire Building
231 East 4th Street South
Salt Lake City 11, Utah

Utah Oil & Gas Conservation Commission (2)
310 Newhouse Building
Salt Lake City, Utah

Re: Wonsits Valley Unit-Federal No. 25
NE SW Section 8-8S-22E
Uintah County, Utah

Gentlemen:

We desire to keep all information confidential on the above-subject well.

Very truly yours,

Original Signed By
LESTER LeFAVOUR

Lester LeFavour
AREA PRODUCTION MANAGER

JELraje

Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

December 27, 1963

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Re: Uinaits Valley Unit-Federal No. 25
NE SW Section 8-8S-22E
Uintah County, Utah

Gentlemen:

We desire to keep all information confidential on the above-subject well.

Very truly yours,

Original Signed By
LESTER LeFAVOUR

Lester LeFavour
AREA PRODUCTION MANAGER

JEL:sjm

GULF

Form 9-331 C
(May 1963)

Copy H.L.E.

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Gulf Oil Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1971, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
2067' NSL, 2000' WEL (NE SW)
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
Federal U-22158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Wonsits Valley

8. FARM OR LEASE NAME
Wonsits Valley Unit-Fed.

9. WELL NO.
25

10. FIELD AND POOL, OR WILDCAT
Red Wash Ext

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
8 - 8S-22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
2000'

16. NO. OF ACRES IN LEASE
1278.24

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
2700'

19. PROPOSED DEPTH
5850'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5066' Ground

22. APPROX. DATE WORK WILL START*
1-5-64

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" OD	24#	200'	150
7-7/8"	5-1/2" OD	14#	5800'	200

It is proposed to drill a well to test the Basal Green River Sands to an approximate depth of 5850' or approximately 50' penetration into the top of the Wasatch.

All possible producing horizons will be adequately tested or evaluated by means of coring, drill stem tests, or electric logs.

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

24.

SIGNED _____ TITLE Area Production Manager DATE 12-27-63

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

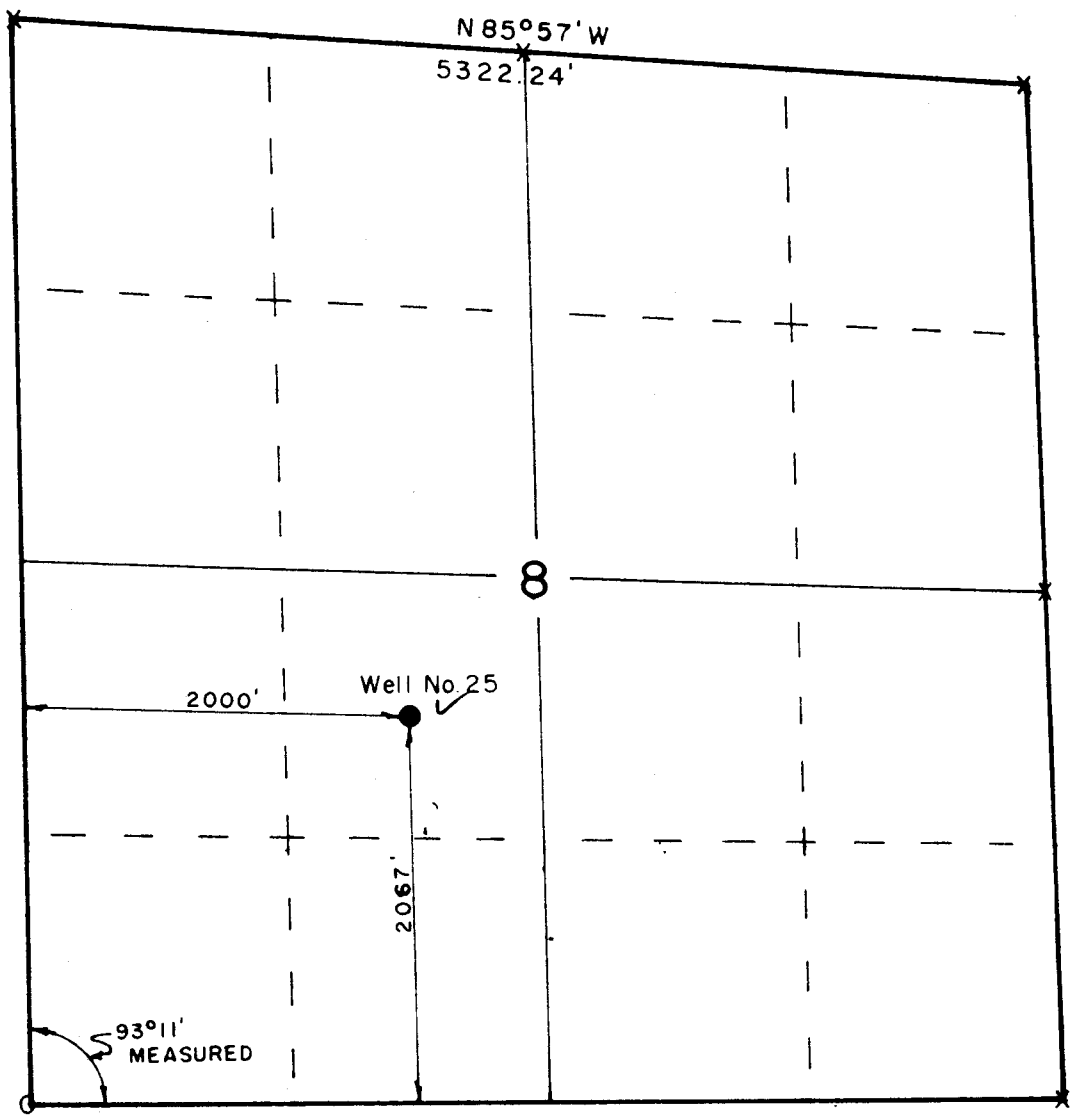
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: State Land Board (1)
Utah O&G Cons. Comm. (2)

See Instructions On Reverse Side

T8S, R22E, SLB&M



X= Corners Located (Brass caps)

O= Corners Re-established

Scale: 1"=1000'

By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY N.J. Marshall L.C. Kay WEATHER Clear-Cold	**SURVEY** GULF OIL CORP. WONSITS VALLEY FED. UNIT WELL NO. 25 LOCATED AS SHOWN IN THE NE 1/4, SW 1/4, SEC. 8, T8S, R22E, SLB&M. UINTAH COUNTY, UTAH.	DATE 12/21/63 REFERENCES GLO Township Plat Approved 5/19/45 FILE GULF

FORM 5202

Copy H.L.&.

Gulf Oil Corporation

CASPER PRODUCTION AREA

L. W. LeFavour
AREA PRODUCTION MANAGER
B. W. Miller
AREA EXPLORATION MANAGER

P. O. Box 1971
Casper, Wyo. 82602

March 18, 1964

United States Geological Survey (2)
416 Empire Building
231 East 4th Street South
Salt Lake City 11, Utah

Utah Oil & Gas Conservation Commission (2)
310 Newhouse Building
Salt Lake City, Utah

Re: Wonsits Valley Unit-Federal No. 25
NE SW Section 8-8S-22E
Uintah County, Utah

Gentlemen:

We desire to keep all information confidential on the above-subject well.

Very truly yours,

Original Signed By
LESTER LeFAVOUR

Lester LeFavour
AREA PRODUCTION MANAGER

MJC:ejm

GULF

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other

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

2. NAME OF OPERATOR: Gulf Oil Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1971, Casper, Wyoming

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2067' NSL, 2000' ~~WEL~~ EWL (NE SW)
At top prod. interval reported below
At total depth

Released

5. LEASE DESIGNATION AND SERIAL NO.: Federal U-22158
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -
7. UNIT AGREEMENT NAME: Wonsits Valley
8. FARM OR LEASE NAME: Wonsits Valley Fed. Unit
9. WELL NO.: 25
10. FIELD AND POOL, OR WILDCAT: Wonsits Valley
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 8-8S-22E

14. PERMIT NO.: - DATE ISSUED: -
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-9-64	1-28-64	2-20-64	5066' Ground	-

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5828'	5620'	-	→	Rotary	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Basal Green River - 5518'-5520' and 5558'-5562'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction-Electrical, Microlog

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	180'	13-3/4"	150 sacks	
5-1/2"	14#	5649'	7-7/8"	150 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5610' (Est.)	-

31. PERFORATION RECORD (Interval, size and number)
G Sd 5560' and F-5 Sand 5519' - each with 4-way single radial jet

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5519' & 5560'	250 gallons MCA and fraced w/ 8064 bbls. 50% #5 burner fuel, 50% #2 diesel oil, 1210# walnut hulls

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2-20-64	Pumping 2-1/4" x 14' x 74"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-20-64	24	-	→	63	-	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	→	63	-	0	28.8°

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

TEST WITNESSED BY: T. A. Phillips

35. LIST OF ATTACHMENTS
Induction-Electrical (2), Microlog (2), Perforating Depth Control (2), Cement Top Log (2)

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

SIGNED _____ TITLE Area Production Manager DATE March 18, 1964

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

cc: Utah O&G Cons. Comm. (2)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Green River	2610'	
Basal Green River	4756'	
E-1	5268'	
E-5	5376'	
F-1	5416'	
F-2	5436'	
F-4	5490'	
F-5	5514'	
G	5554'	
Wasatch	5810'	

MAR 19 1964

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

FORM OGCC-8-X

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Wonsits Valley Unit-Federal No. 25

Operator Gulf Oil Corporation Address P. O. Box 1971 Casper, Wyoming Phone 235-5783

Contractor Exeter Drilling Company Address 1010 Patterson Building Denver, Colorado Phone 623-5141

Location: NE ¼ SW ¼ Sec. 8 T. 8S (N/S) R. 22E (E/W) Uintah County, Utah.

Water Sands:

Depth From	Depth To	Volume Flow Rate or Head	Quality Fresh or Salty
1.		NONE TESTED	
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops:

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

Form 9-330
(Rev. 5-68)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] DRY [ ] Other

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

2. NAME OF OPERATOR: Gulf Oil Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1971, Casper, Wyoming

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 2067' NSL, 2000' ~~WEL~~ EWL (NE SW)
At top prod. interval reported below
At total depth

Released

5. LEASE DESIGNATION AND SERIAL NO.: Federal U-22158
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: -
7. UNIT AGREEMENT NAME: Wonsits Valley
8. FARM OR LEASE NAME: Wonsits Valley Fed. Unit
9. WELL NO.: 25
10. FIELD AND POOL, OR WILDCAT: Wonsits Valley
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 8-8S-22E

14. PERMIT NO.: - DATE ISSUED: -
12. COUNTY OR PARISH: Uintah
13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-9-64	1-28-64	2-20-64	5066' Ground	-

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5828'	5620'	-	→	Rotary	-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Basal Green River - 5518'-5520' and 5558'-5562'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Induction-Electrical, Microlog

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	180'	13-3/4"	150 sacks	
5-1/2"	14#	5649'	7-7/8"	150 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5610' (Est.)	-

31. PERFORATION RECORD (*Interval, size and number*)
G Sd 5560' and F-5 Sand 5519' - each with 4-way single radial jet

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5519' & 5560'	250 gallons MCA and fraced w/ 8064 bbls. 50% #5 burner fuel, 50% #2 diesel oil, 1210# walnut hulls

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
2-20-64	Pumping 2-1/4" x 14' x 74"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-20-64	24	-	→	63	-	0	-

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-	→	63	-	0	28.8°

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

TEST WITNESSED BY: T. A. Phillips

35. LIST OF ATTACHMENTS
Induction-Electrical (2), Microlog (2), Perforating Depth Control (2), Cement Top Log (2)

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

SIGNED _____ TITLE Area Production Manager DATE March 18, 1964

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

cc: Utah O&G Cons. Comm. (2)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
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Basal Green River	4756'	
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E-5	5376'	
F-1	5416'	
F-2	5436'	
F-4	5490'	
F-5	5514'	
G	5554'	
Wasatch	5810'	

MAR 19 1964

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-22158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME
Wonsits Valley

2. NAME OF OPERATOR
Gulf Oil Corporation

8. FARM OR LEASE NAME
WONSITS VALLEY UNIT/STATE-FEDERAL

3. ADDRESS OF OPERATOR
P. O. Box 1971, Casper, Wyoming

9. WELL NO.
25

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2067' NSL & 2000' EWL (NE SW)

10. FIELD AND POOL, OR WILDCAT
Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
8-8S-22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5076'

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Convert to Water Inj.	X			(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Well completed 2-20-64 as an oil well pumping 63 oil & 0 water per day thru perforations in the G-1 @ 5560' & the F-5 @ 5519', and was temporarily abandoned December, 1964. TD 5828'; PBTD 5620'.

Propose to convert from temporarily abandoned oil well to water injection well and inject approximately 200 bwpd into the present G-1 perforations @ 5560' and approximately 120 bwpd into the present F-5 perforations @ 5519'.

Injection zones will be separated by Baker Flow Regulators and packers.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 6-27-69

BY Cleon B Feight

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

SIGNED ORIGINAL SIGNED BY J. D. MACKAY J. D. Mackay TITLE Area Production Manager DATE June 13, 1969

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Oil and Gas Commission - 2

*See Instructions on Reverse Side

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: U-22158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

7. UNIT AGREEMENT NAME: Wonsits Valley

2. NAME OF OPERATOR: Gulf Oil Corporation

8. FARM OR LEASE NAME: WONSITS VALLEY UNIT/STATE-FEDERAL

3. ADDRESS OF OPERATOR: P. O. Box 1971, Casper, Wyoming 86201

9. WELL NO.: 25

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2067' NSL & 2000' EWL (NE SW)

10. FIELD AND POOL, OR WILDCAT: Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 8-8S-22E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5076'

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Convert to Water Injection			X
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Ran tubing into temporarily abandoned oil well to convert to water injection. F-5 & G-1 zones separated by packer & Baker flow - regulator. Top packer set at 5502'; bottom packer set at 5540':

Water injection commenced 8-7-69 at rate of 200 bwpd into the F-5 perforations at 5519'; and at 300 bwpd into G-1 perforations at 5560'.

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

SIGNED M. F. Bearly — TITLE Area Engineer — DATE August 12, 1969

M. F. Bearly

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: GULF OIL CORPORATION

FIELD: WONSITS VALLEY LEASE:

WELL # UN-FED #25 SEC. 8 TOWNSHIP 8S RANGE 22E

STATE (FED.) FEE DEPTH 5828' TYPE WELL WI MAX. INJ. PRESS.

TEST DATE 6/28/83 TA

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	8 5/8	180'	150 SX			
INTERMEDIATE						
PRODUCTION	5 1/2	5649'	180 SX		TA	
Packer						
TUBING	2 7/8	5610'				

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * * * * * *

Operator: Gulf Well No. Wonsits Valley V #25

County: Vernon T 8S R 22E Sec. 8 API# _____

New Well ___ Conversion ___ Disposal Well ___ Enhanced Recovery Well ___

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record	✓	
Schematic Diagram	✓	
Fracture Information		✓
Pressure and Rate Control	✓	
Adequate Geologic Information	✓	
Fluid Source	Fresh	

Analysis of Injection Fluid Yes ✓ No ___ TDS 22990 AVG

Analysis of Water in Formation to be injected into Yes ✓ No ___ TDS 27,490 AVG

Known USDW in area Vernon Depth 2140

Number of wells in area of review 3 Prod. 2 P&A 0

Water 0 Inj. 1

Aquifer Exemption Yes ___ NA ✓

Mechanical Integrity Test Yes ✓ No ___

Date 6-28-83 Type Bradenhead

Comments: _____

Reviewed by: [signature]

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

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

IN THE MATTER OF THE APPLICATION OF
Gulf Oil Corporation
ADDRESS P. O. Box 2619
Casper, Wyoming ZIP 82602
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE WVU S/F #25 WELL
SEC. 8 TWP. 8S RANGE 22E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	X
DISPOSAL WELL	☐
LP GAS STORAGE	☐
EXISTING WELL (RULE I-4)	X

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:
1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced rcovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name: Wonsits Valley Unit State/Federal	Well No.: 25	Field: Wonsits Valley	County: Uintah
Location of Enhanced Recovery Injection or Disposal Well: NE SW	Sec. 8	Twp. 8S	Rge. 22E
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☐ No ☒	Casing Test: Yes ☐ No ☒ Date ____	
Depth-Base Lowest Known Fresh Water Within ½ Mile: None	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: Oil	
Location of Injection Source(s): WVU Produced Water and Fresh Water from Sec. 6-T7S-R21E	Geologic Name(s) and Depth of Source(s): ~~Green River Wells 5000'-5700'~~ Uinta Wells 70'-90'		
Geologic Name of Injection Zone: Green River	Depth of Injection Interval: 5519 to 5560		
a. Top of the Perforated Interval: 5558	b. Base of Fresh Water: 2140	c. Intervening Thickness (a minus b): 3418	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES X NO			
Lithology of Intervening Zones			
Injection Rates and Pressures: Maximum 1000 B/D; 2000 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. BLM; BIA			

State of Wyoming)
County of Natrona)

Applicant

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

Suscribed and sworn to before me this 23rd day of September 19 83

SEAL

Bette P. Hergenraeder - Notary Public
County of Natrona State of Wyoming
My Commission Expires March 16, 1986

My commission expires 03/16/86

Notary Public in and for Natrona County, Wyoming

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitive analysis of the injection formation of water.

2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).

3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)

4. Attach Electric or Radioactivity Log of Subject well (if released).

5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.

6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.

7. The Division is required to send notice of application to he surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.

8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.

9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.

10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.

11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.

12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 5/8"	180	150		
Intermediate					
Production	5 1/2"	5649	150		Temp. Survey
Tubing	2 7/8"	5577	Name - Type - Depth of Tubing Packer		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5828'	Green River	5519'	5560'

FORM DOGM-UIC-2
(Rule I-5 (b) 2
(Revised 1982)

PLEASE TYPE OR USE BLACK INK ONLY

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

COUNTY LEASE NO.

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

API NO. 43-047-15455

640 Acres
N
W E
S
Locate Well Correctly and Outline Lease

COUNTY Uintah SEC. 8 TWP. 8S RGE. 22E
COMPANY OPERATING Gulf Oil Corporation
OFFICE ADDRESS P. O. Box 2619
TOWN Casper STATE ZIP WY 82602
FARM NAME WVU S/F WELL NO. 25
DRILLING STARTED 01/09/19 64 DRILLING FINISHED 01/28/19 64
DATE OF FIRST PRODUCTION 02/20/64 COMPLETED 02/21/64
WELL LOCATED C ¼ NE ¼ SW ¼
2067 FT. FROM SL OF ¼ SEC. & 2000 FT. FROM WL OF ¼ SEC.
ELEVATION DERRICK FLOOR 5077 GROUND 5066

TYPE COMPLETION
Single Zone
Multiple Zone X
Comingled

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River "G-1"	5558	5562			
Green River "F-5"	5517	5524			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
8 5/8"	24#	J	186		150		
5 1/2"	14#	J	5649		150		

TOTAL DEPTH 5828

PACKERS SET DEPTH 5502' and 5540'

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Green River		
SPACING & SPACING ORDER NO.	40 Acre		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED INTERVALS	5519		
	5560		
ACIDIZED?	Yes		
FRACTURE TREATED?	Yes		

INITIAL TEST DATA

Date	02/20/64		
Oil, bbl./day	63		
Oil Gravity	28.8		
Gas, Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing	Pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

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

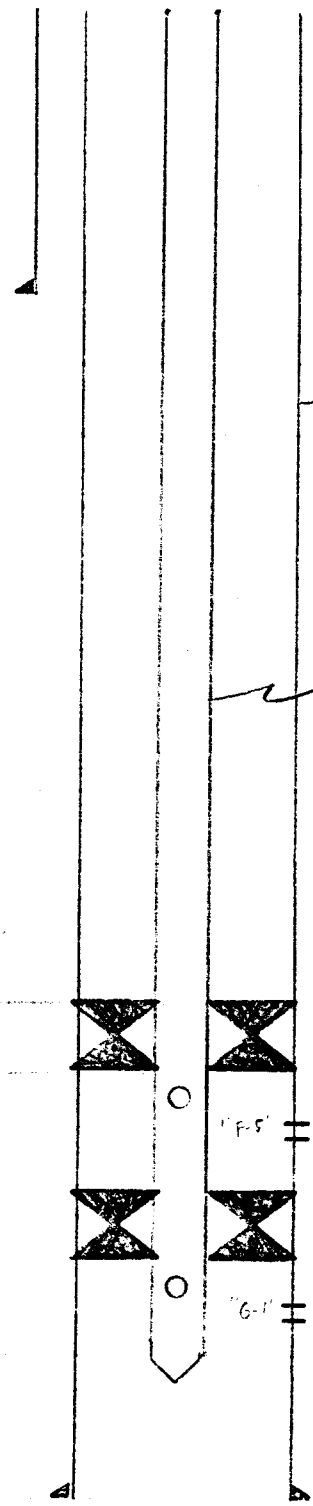
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (307) 235-1311 [signature]
Name and title of representative of company
D. F. McHugo, Production Engineer

Subscribed and sworn before me this 23rd day of September, 19 83

Wonsits Valley Unit St./Fed #25
Well Diagram

Well Elevation: 5077' KB 5066' GL



8 5/8" OD surface pipe
set @ 191 w/150 sx

Top of Green River @ 2610'

Top of cement @ 4930' by temp. survey

2 7/8" 6.5# Tubing EOT @ 5577'

Baker mdl C-2 pressure seal packer @ 5502'

'F-5' Perf 5519' w/ 4-way radial jet

Baker mdl "A-2" Lokset paker @ 5540

'G-1' Perf 5560' w/ 4-way radial jet

5½" OD 14# casing
set @ 5649' w/150 sx

TD @ 5828'

CL1-12A (REV. 1964)

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR: Gulf Oil Expl. & Prod.
WELL NO.:
FIELD: Wonsits Valley
COUNTY: Uintah
STATE: Utah

DATE: 9-23-81 LAB NO. 38679-4
LOCATION:
FORMATION:
INTERVAL:
SAMPLE FROM: Water injection system-in suction line between charging & injection pumps

REMARKS & CONCLUSIONS: Scaling tendencies of this water appear to be low.

Cations	mg/l	meq/l
Sodium	7206	313.45
Potassium	29	0.74
Lithium	-	-
Calcium	122	6.09
Magnesium	36	2.96
Iron	-	-
Total Cations		323.24

Anions	mg/l	meq/l
Sulfate	254	5.38
Chloride	10800	304.56
Carbonate	0	0.00
Bicarbonate	817	13.40
Hydroxide	-	-
Hydrogen sulfide	-	-
Total Anions		323.24

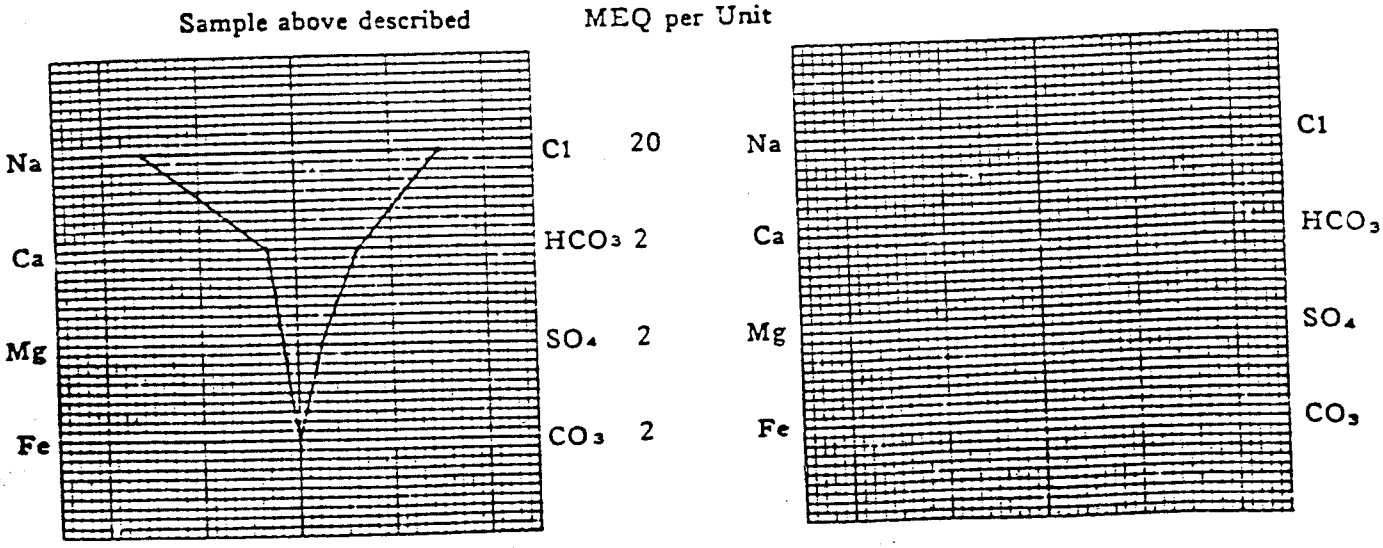
Total dissolved solids, mg/l: 18849
NaCl equivalent, mg/l: 18623
Observed pH: 7.9

Specific resistance @ 68°F.:
Observed: 0.36 ohm-meters
Calculated: 0.36 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

CL1-12A (REV. 1964)

2

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Gulf Oil Expl. & Prod.
WELL NO. Wonsitz Valley Unit
FIELD Wonsitz Valley
COUNTY Uintah
STATE Utah

DATE 7-17-81 LAB NO. 37986
LOCATION
FORMATION
INTERVAL
SAMPLE FROM #2 River well (Injection water) (4-23-81)

REMARKS & CONCLUSIONS:

Cations	mg/1	meq/1	Anions	mg/1	meq/1
Sodium	48	2.08	Sulfate	155	3.22
Potassium	2	0.05	Chloride	18	0.51
Lithium	-	-	Carbonate	0	0.00
Calcium	56	2.79	Bicarbonate	188	3.08
Magnesium	23	1.89	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		6.81	Total Anions		6.81

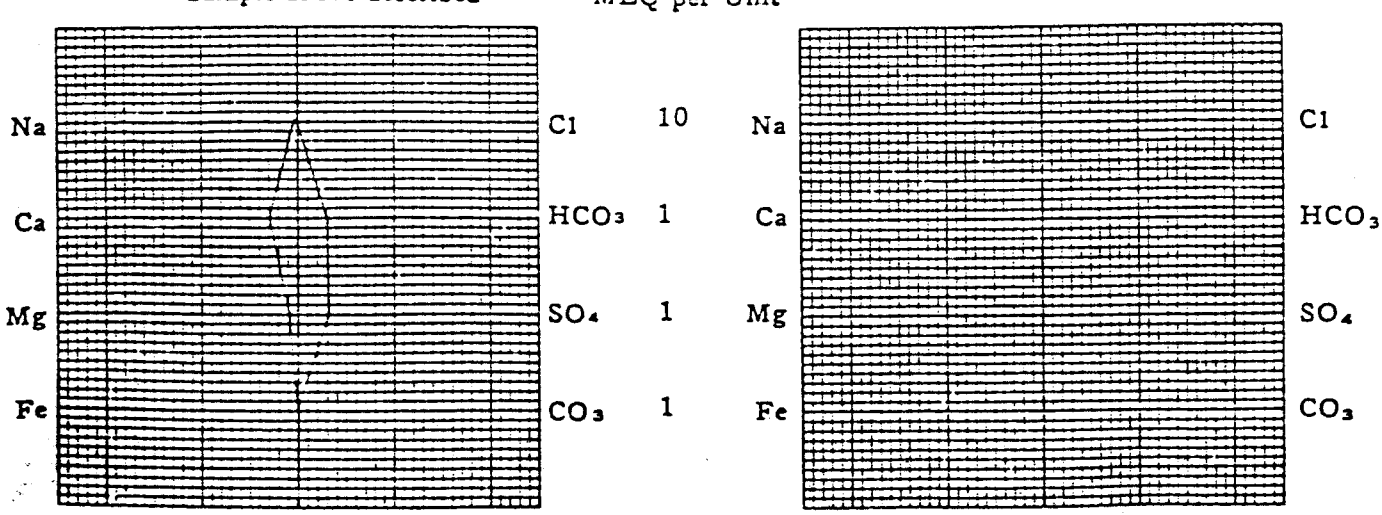
Total dissolved solids, mg/1 394
NaCl equivalent, mg/1 329
Observed pH 7.9

Specific resistance @ 68°F.:
Observed 16.0 ohm-meters
Calculated 17.8 ohm-meters

WATER ANALYSIS PATTERN

Sample above described

Scale
MEQ per Unit



(Na value in above graphs includes Na, K, and Li)
NOTE: Mg/1 = Milligrams per liter Meq/1 = Milligram equivalents per liter
Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

LITE RESEARCH LABORATORIES

P.O. Box 119 Fort Duchesne, Utah 84026 (801) 722-2254

RECEIVED
GULF OIL CORPORATION
CASPER AREA

3

LABORATORY NUMBER W-6466 P.O. 1-56998
SAMPLE TAKEN 5-1-79
SAMPLE RECEIVED 5-2-79
RESULTS REPORTED 5-7-79

SAMPLE DESCRIPTION FIELD NO.
COMPANY Gulf Oil Corp. LEASE Wonsit Valley WELL NO.
FIELD COUNTY STATE
SAMPLE TAKEN FROM Combined Water Sample
PRODUCING FORMATION TOP
REMARKS Unit Injection Station

SAMPLE TAKEN BY

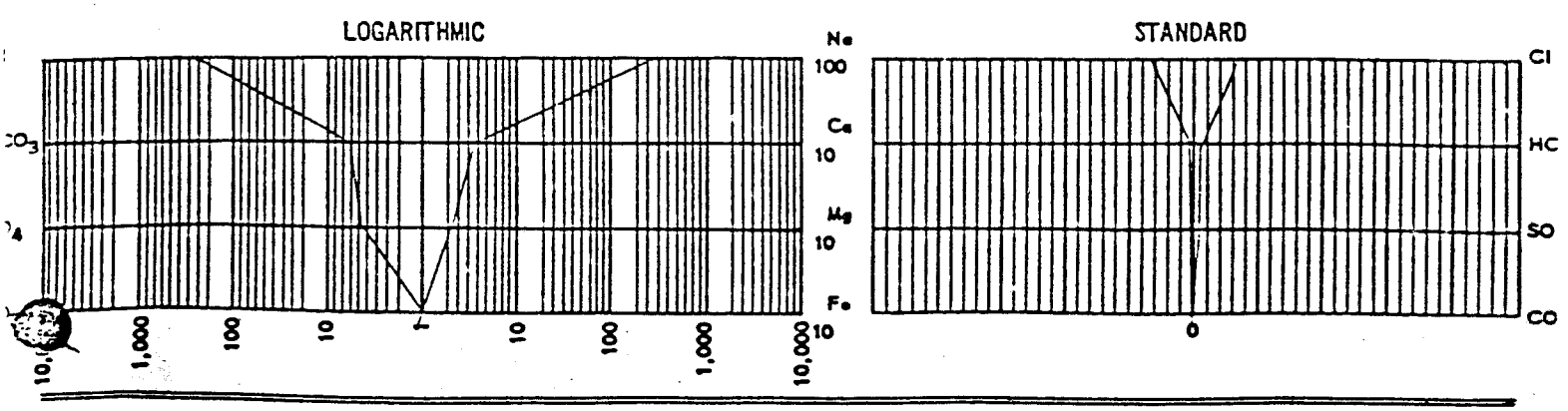
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0135 pH 8.23 RES. 0.45 OHM METERS @ 77°F

TOTAL HARDNESS 361.77 mg/L as $CaCO_3$ TOTAL ALKALINITY 740.00 mg/L as $CaCO_3$

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	92.0	4.59		
MAGNESIUM - Mg ++	32.0	2.63		
SODIUM - Na +	8000.0	347.83		
BARIUM (INCL. STRONTIUM) - Ba ++	12.0	0.17		
TOTAL IRON - Fe++ AND Fe+++	0.2	0.01	355.2	
BICARBONATE - HCO_3^-	451.5	7.40		
CARBONATE - CO_3^{--}	0	0		
SULFATE - SO_4^{--}	275.0	5.73		
CHLORIDE - CL^-	12245.2	344.94	358.1	
TOTAL DISSOLVED SOLIDS	21640.0			

MILLEQUIVALENTS PER LITER



ANALYST

CHECKED

4

LITE RESEARCH LABORATORIES

P.O. Box 119 Fort Duchesne, Utah 84026 (801) 722-2254

LABORATORY NUMBER W-3156
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED

SAMPLE DESCRIPTION FIELD NO.
COMPANY Gulf Oil Company LEASE WELL NO.
FIELD Wonsits Fed U. COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Federal Unit
PRODUCING FORMATION TOP
REMARKS
Tank Batt. #2 - Treater sample
SAMPLE TAKEN BY

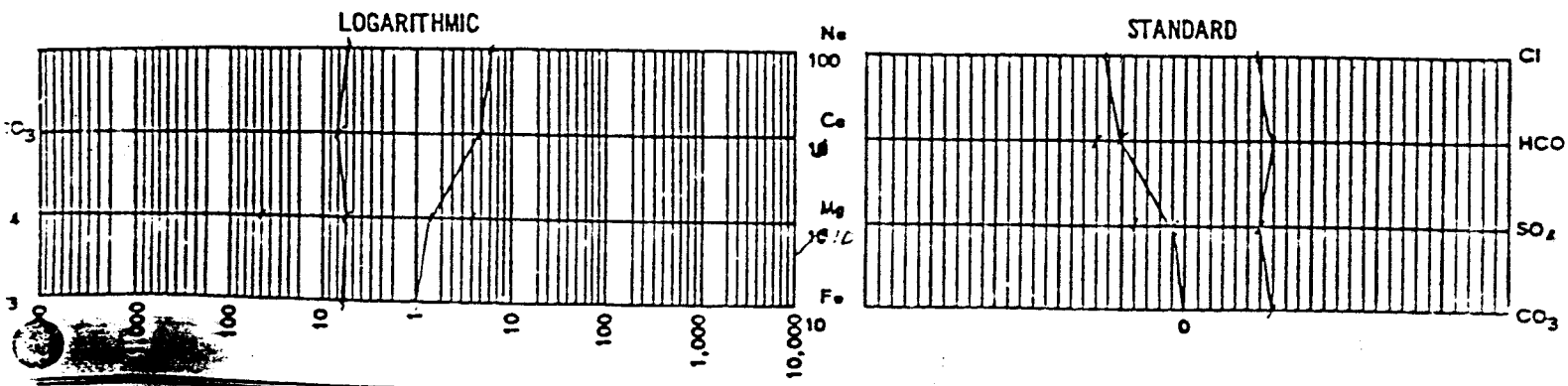
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0201 pH 8.35 RES. .18 OHM METERS @ 77°F

TOTAL HARDNESS 478.5 mg/l as $CaCO_3$ TOTAL ALKALINITY 1030.0 mg/l as $CaCO_3$

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca^{++}	111.0	5.55		
MAGNESIUM - Mg^{++}	48.8	4.0		
SODIUM - Na^{+}	14500.0	630.43		
BARIUM (INCL. STRONTIUM) - Ba^{++}	0	0		
TOTAL IRON - Fe^{++} AND Fe^{+++}	0.22	0.01	640.0	
BICARBONATE - HCO_3^{-}	484.0	7.94		
CARBONATE - CO_3^{--}	236.0	7.87		
SULFATE - SO_4^{--}	2980.0	62.08		
CHLORIDE - CL^{-}	19992.	563.15	641.04	
TOTAL DISSOLVED SOLIDS	38,120.			

MILLEQUIVALENTS PER LITER



ANALYST

CHECKED

UTE RESEARCH LABORATORIES

P.O. Box 119 Fort Duchesne, Utah 84026 (801) 722-2254

LABORATORY NUMBER W-3154
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED

SAMPLE DESCRIPTION FIELD NO.
COMPANY Gulf Oil Company LEASE WELL NO.
FIELD W.V Fed Unit COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Valley Fed.
PRODUCING FORMATION TOP
REMARKS
Tank Batt. #4 - FIVKO Sample
SAMPLE TAKEN BY

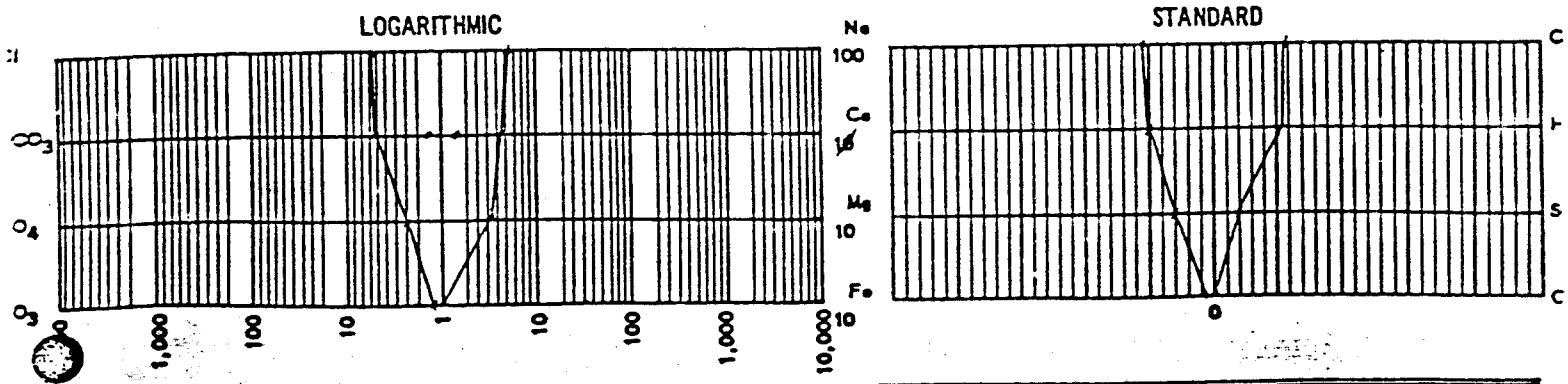
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0206 pH 8.34 RES. .23 OHM METERS @ 77°F

TOTAL HARDNESS 415.62 mg/L as $CaCO_3$ TOTAL ALKALINITY 570.0 mg/L as $CaCO_3$.

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca^{++}	101.0	5.05		
MAGNESIUM - Mg^{++}	39.8	3.26		
SODIUM - Na^{+}	13000.0	565.22		
BARIUM (INCL. STRONTIUM) - Ba^{++}	0	0		
TOTAL IRON - Fe^{++} AND Fe^{+++}	0.12	0	573.53	
BICARBONATE - HCO_3^{-}	342.7	5.62		
CARBONATE - CO_3^{--}	8.0	0.27		
SULFATE - SO_4^{--}	91.0	1.90		
CHLORIDE - CL^{-}	19430.0	547.32	555.11	
TOTAL DISSOLVED SOLIDS	29,560.			

MILLEQUIVALENTS PER LITER



ANALYST

CHECKED

LITE RESEARCH LABORATORIES

P.O. Box 119 Fort Duchesne, Utah 84026 (801) 722-22[illegible]

6

LABORATORY NUMBER W-3157
SAMPLE TAKEN 5/18/76
SAMPLE RECEIVED 5/18/76
RESULTS REPORTED

SAMPLE DESCRIPTION FIELD NO.
COMPANY Gulf Oil Company LEASE WELL NO.
FIELD Wv. Fed Unit COUNTY Uintah STATE Utah
SAMPLE TAKEN FROM Wonsits Valley Fed.
PRODUCING FORMATION TOP
REMARKS Treater Sample
Tank Batt. #5 SAMPLE TAKEN BY

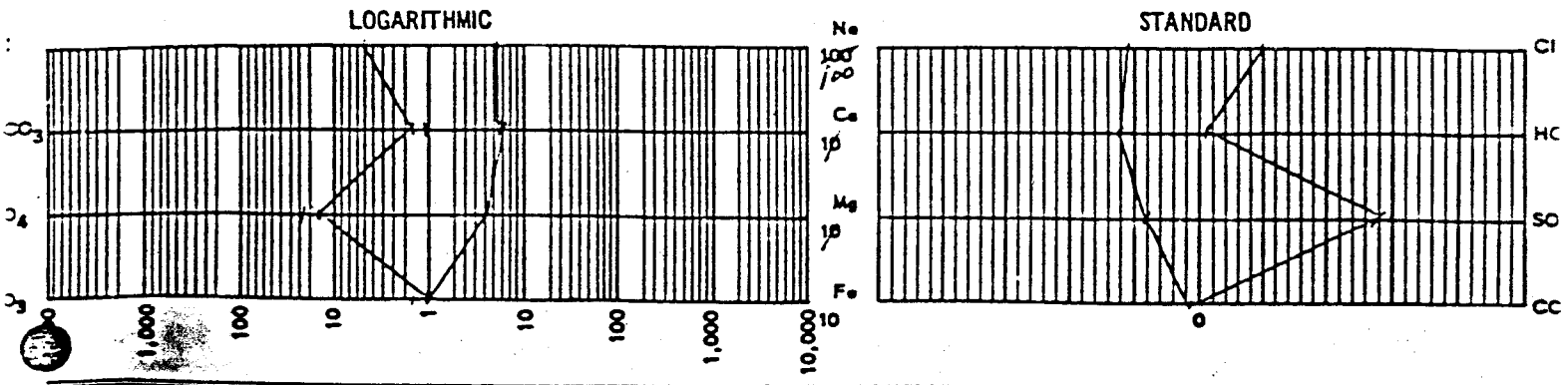
CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0284 pH 8.88 RES. .22 OHM METERS @ 77°F

TOTAL HARDNESS 511.6 mg/l as $CaCO_3$ TOTAL ALKALINITY 528.0 mg/l as $CaCO_3$

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca^{++}	126.0	6.30		
MAGNESIUM - Mg^{++}	47.8	3.92		
SODIUM - Na^{+}	11800.0	513.04		
BARIUM (INCL. STRONTIUM) - Ba^{++}	0	0		
TOTAL IRON - Fe^{++} AND Fe^{+++}	0.15	0.01	523.27	
BICARBONATE - HCO_3^{-}	307.50	5.04		
CARBONATE - CO_3^{--}	24	0.8		
SULFATE - SO_4^{--}	698.0	14.54		
CHLORIDE - CL^{-}	17852.6	502.89	523.27	
TOTAL DISSOLVED SOLIDS	29,280.			

MILLEQUIVALENTS PER LITER



ANALYST

CHECKED

Form 9-331
Dec. 1973

RECEIVED

APR 25 1985

DIVISION OF
GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

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
GULF OIL CORPORATION ATTN R.W.HUWALDT

3. ADDRESS OF OPERATOR
P O BOX 2619, CASPER, WY 82602 2619

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0806

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Wonsit Valley

8. FARM OR LEASE NAME
Wonsits Valley Unit St/Fed

9. WELL NO.
#25

10. FIELD OR WILDCAT NAME
Wonsits Valley

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

12. COUNTY OR PARISH: Uintah
13. STATE: Utah

14. API NO.

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

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

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) Blanket Sundry		

(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.)*

Per conversation between K. S. Aslesen & J. Sparger, on March 27, 1985, Temporary lined work pits will be used for all future casing repair work.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED J.R.Bocek TITLE AREA ENGINEER DATE APR 19 1985

J.R.BOCEK

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Gulf Oil Exploration and Production Company

L. G. Rader
PRODUCTION MANAGER – CASPER AREA

July 2, 1985

P. O. Box 2619
Casper, WY 82602

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
JUL 05 1985
DIVISION OF
GAS & MI

Gentlemen:

Effective July 1, 1985, the corporate name of Gulf Oil Corporation was changed to Chevron U.S.A. Inc. This will be applicable to all operations, agreements, contracts, documents, and permits of Gulf Oil Corporation in the area of and/or under your jurisdiction.

The attached information is being furnished to facilitate the name change of appropriate records under your authority, and submitted as our understanding of the procedure required to accomplish the change.

Please advise this office or the office listed on the attachments should additional information be needed.

Sincerely,

L. G. Rader

KWR/mdb

Attachments

Lease Name	Field	Section	Township	Range	County	State
Wonsits Valley Unit #15	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #16	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #17	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #18	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #19	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #2	Wonsits WV	8	8S	22E	Uintah	UT
Wonsits Valley Unit #21	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #22	Wonsits WV	18	8S	22E	Uintah	UT
Wonsits Valley Unit #23	Wonsits WV	9	8S	21E	Uintah	UT
Wonsits Valley Unit #24	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #25	Wonsits WV	8	8S	22E	Uintah	UT
Wonsits Valley Unit #26	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #27	Wonsits WV	12	8S	21E	Uintah	UT
Wonsits Valley Unit #28-2	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #29	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #30	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #31	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #32	Wonsits WV	16	8S	21E	Uintah	UT
Wonsits Valley Unit #33	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #34	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #35	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #36	Wonsits WV	10	8S	21E	Uintah	UT
Wonsits Valley Unit #37	Wonsits WV	1	8S	21E	Uintah	UT
Wonsits Valley Unit #39	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #4	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #41	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #42	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #43	Wonsits WV	11	8S	21E	Uintah	UT
Wonsits Valley Unit #44	Wonsits WV	14	8S	21E	Uintah	UT
Wonsits Valley Unit #45	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #46	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #47	Wonsits WV	13	8S	25E	Uintah	UT
Wonsits Valley Unit #48	Wonsits WV	10	8S	25E	Uintah	UT
Wonsits Valley Unit #5	Wonsits WV	7	8S	22E	Uintah	UT
Wonsits Valley Unit #50	Wonsits WV	15	8S	21E	Uintah	UT
Wonsits Valley Unit #51	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #52	Wonsits WV	13	8S	21E	Uintah	UT
Wonsits Valley Unit #53	Wonsits WV	10	8S	21E	Uintah	UT

06/27/85
leases gulf operated/file2

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.
U-22158

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection Well

7. UNIT AGREEMENT NAME
Wonsits Valley Federal Unit

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

8. FARM OR LEASE NAME
Wonsits Valley Federal

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Colorado 80201

9. WELL NO.
25

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2,067' FSL

10. FIELD AND POOL, OR WILDCAT
Wonsits Valley

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

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,066' GL

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐
SHOOT OR ACIDIZE	☐	ABANDON*	X
REPAIR WELL	☐	CHANGE PLANS	☐
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
(Other)			

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

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

It is proposed to plug and abandon WVFU #22 as follows:

1. MIRU. N/D tree. N/U and test BOPE.
2. Release packer and pull injection string.
3. Clean out to PBTD.
4. Set CICR at ±5,400'. Cement squeeze perfs at 5,519' and 5,560' w/±100 sx cement. Leave 60' cement on top of CICR.
5. Displace casing with 9.0 ppg mud.
6. Locate casing leaks. Cement squeeze as needed.
7. Perforate 2,570'-2,572' with 2 SPF. Set CICR at ±2,500'. Cement squeeze perfs with ±100 sx cement. Leave 60' cement on top of CICR.
8. Spot surface cement plug from 300' to surface.
9. Pressure test 8-5/8" x 5½" annulus to ±200 psi. If injection is established, cement with ±50 sx cement. If no injection, perform ±100'-1" cement job.
10. N/D BOPE. Cut off wellhead. Install regulation dry-hole marker.
11. Release rig. Rehabilitate surface location per BLM and BIA stipulations.

3-BLM
3-State
1-BIA
1-EEM
3-Drlg.
1-MKD
1-File

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

SIGNED J. Hudson TITLE Office Assistant DATE September 1, 1987

(This space for Federal or State office use)

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

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9-17-87
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

sent 10/7/87
copied

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NO.: U-22158 WIW

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 10514

1. OIL WELL ☐ GAS WELL ☐ OTHER Plugged and Abandoned

7. UNIT AGREEMENT NAME: Wonsits Valley Federal

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

SEP 17 1987

8. FARM OR LEASE NAME: WVFU

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, Colorado 80201

9. WELL NO.: 25

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: NE, SW

10. FIELD AND POOL, OR WILDCAT: Wonsits Valley

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S. 8, T8S, R22E

14. PERMIT NO.: 43-047-15455

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5,076' KB

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

WVFU #25 was plugged and abandoned on 9/10/87 as follows:

1. MIRU BC Well Service #5 on 9/4/87. N/U and tested BOPE.
2. Pulled injection string recovering both packers.
3. Cleaned out to PBTD.
4. Set CICR at 5,403' and cement squeezed perfs at 5,519' and 5,560' with 100 sx cement. Left 60' cement on top of CICR.
5. Isolated casing leaks between 619' and 4,623'.
6. Spot 9.2 ppg mud from 5,300'-4,600'. Spot 38 sx cement plug from 4,600'-4,300'. Spot 9.2 ppg mud from 4,300'-4,000'.
7. Perforated 4,000'-02' with 2 SPF. Set CICR at 3,941'. Cement squeezed perfs at 4,000'-02' with 150 sx cement. Left 90' cement on top of CICR.
8. Cement squeezed 8-5/8" x 5½" annulus with 25 sx cement. Spotted cement plug from 300' to surface. (Mud between all cement plugs.)
9. Release rig. Cut-off wellheads. Installed dry-hole marker.
10. Surface location to be rehabilitated.

Note: P and A operations witnessed by John Shufflebarger of BLM.

3 - BLM
3 - State
1 - EEM
1 - MKD
3 - Drlg.
1 - PLM
1 - Sec.724-C
1 - File

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

SIGNED J. L. Watson TITLE Office Assistant DATE September 11, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9-23-87
BY: John R. Baza

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes 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.

API # 43-047-15455

Form 9-593
(April 1952)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 8
T. 8 S.
R. 22 E.
S. L. Mer.

INDIVIDUAL WELL RECORD

PUBLIC LAND: Date August 26, 1969 Ref. No. 33

Land office Utah State Utah

Serial No. 022158 County Uintah

Lessee ~~Gulf Oil Corporation~~ Chevron U.S.A. Field Wonsits Valley (Unit)

Operator ~~Gulf Oil Corporation~~ Chevron U.S.A. District Salt Lake City

Well No. 25 Subdivision NE¼SW¼

Location 2067' from S. line and 2000' from W. line of sec. 8

Drilling approved December 31, 1963 Well elevation 5076 KB 5066 Gr. feet

Drilling commenced January 9, 1964 Total depth 5828 PB 5620 feet

Drilling ceased January 28, 1964 Initial production 63 BOPD

Completed for production Feb. 20, 1964 Gravity A. P. I. 28.8°

Abandonment approved March 31, 1994 Initial R. P.

Geologic Formations

Surface	Lowest tested
Uinta	Wasatch

Productive Horizons

Name	Depths	Contents
Green River	5518-20, 58-62'	Oil

WELL STATUS

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1964		POW										
1965											OSI	
1969								*WIW				
1987									ABD			
1994			P&A									

REMARKS *See well history on reverse

(REPLACEMENT) U. S. GOVERNMENT PRINTING OFFICE APR 20 1994 (OVER)