

FILE NOTATIONS

Entered in NID File   
Entered On S R Sheet   
Location Map Pinned   
Card Indexed   
IWR for State or Fee Land

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

*PHB*  
.....  
.....  
**1-22-68**  
.....  
.....

COMPLETION DATA:

Date Well Completed 3-19-68  
OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
GW \_\_\_\_\_ OS \_\_\_\_\_ PA

Location Inspected \_\_\_\_\_  
Bond released \_\_\_\_\_  
State of Fee Land \_\_\_\_\_

Driller's Log 4-4-68 LOGS FILED

Electric Logs (No. ) 2

E Qual 1 Res ✓ E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic Compensated Others \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
**U.S.A. B-0116519**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Pine Ridge U.S.A.**

9. WELL NO.  
**2**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat Newfield**

11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
**Sec. 33, T-28S, R-25E**

12. COUNTY OR PARISH  
**Salt Lake**

13. STATE  
**Utah**

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Union Oil Company of California**

3. ADDRESS OF OPERATOR  
**P.O. Box 1611, Casper, Wyoming 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **530' FWL and 800' FWL (NW NW )**

At proposed prod. zone **NE NW NW**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**10 miles east of La Sal, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE  
**80**

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
**8,000'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Ungraded ground 7,470**

22. APPROX. DATE WORK WILL START\*  
**February 1, 1968**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8" ✓	48 ✓	200 ✓	250 sack reg. ✓
12 1/2"	9-5/8" ✓	36 ✓	2,450 ✓	1,000 sack 50-50 pos. ✓
8-3/4"	7-5/8" ✓	33 ✓	5,000 ✓	500 sack 50-50 pos. ✓
6-3/4"	4-1/2" ✓	11.60 ✓	8,000 ✓	400 sack 50-50 pos. ✓

Union Oil Company of California proposes to drill a 8,000' exploratory well, to test the productivity of the White Rim Sandstone, Cutler Arkose Sandstone and the Henaker Trail Sandstone. ✓

Double ram pressure operated BOP's will be used. ✓

43-037-20001

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. ORIGINAL SIGNED BY **W. J. Mansbridge** TITLE **District Drilling Supt.** DATE **1-18-68**

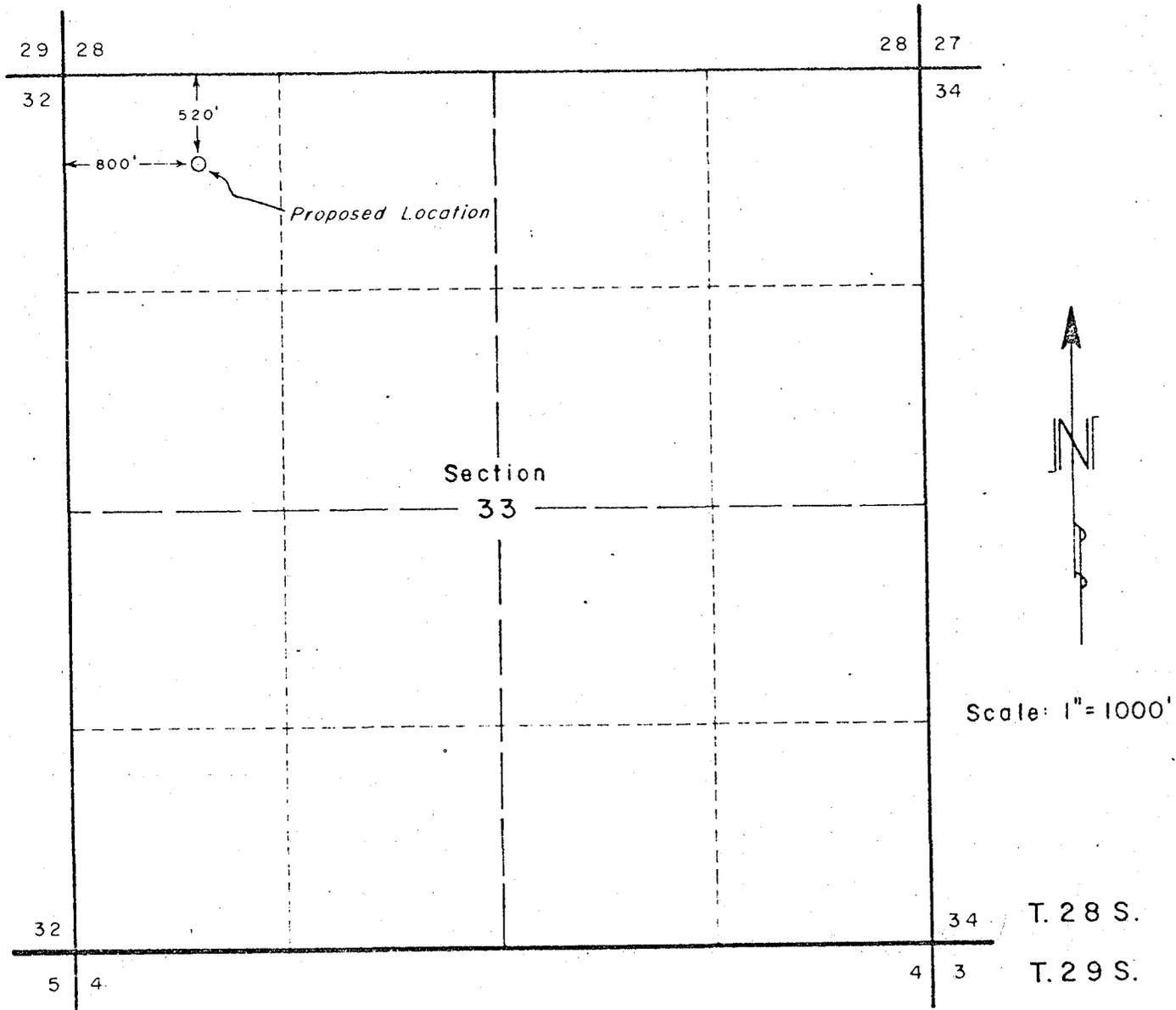
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

PW 3



**WELL LOCATION: Union Oil Co., Pine Ridge U.S.A. No. 2**

Located 520 feet South of the North line and 800 feet East of the West line of Section 33  
 Township 28 South ✓ Range 25 East ✓ Salt Lake Base and Meridian  
 San Juan Co., Utah.  
 Existing ground elevation determined at 7470 feet based on adjoining locations.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

*Frederick H. Reed*

FREDERICK H. REED  
 Registered Land Surveyor  
 State of Utah \* 2689

UNION OIL COMPANY Denver, Colorado	
WELL LOCATION PLAT Sec. 33, T. 28 S., R. 25 E., SLM	
San Juan County, Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE Jan. 13, 1968 FILE NO. 68002

1588 West North Temple  
Salt Lake City, Utah 84116  
328-5771

January 22, 1968

Union Oil Company of California  
P. O. Box 1611  
Casper, Wyoming 82601

Re: Well No. Pine Ridge U.S.A. #2,  
Sec. 33, T. 28 S., R. 25 E.,  
San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

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

PAUL W. BURCHELL, Chief Petroleum Engineer  
HOME: 277-2890 - Salt Lake City, Utah  
OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

UNION OIL COMPANY  
WELL NO. Bine Ridge U. S. A. #2

January 22, 1968

-2-

The API number assigned to this well is 43-037-30001 (see Bulletin D12 Published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FREIGHT  
DIRECTOR

CBF:sc

cc: Rodney Smith, District Engineer  
U. S. Geological Survey  
8416 Federal Building  
Salt Lake City, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-0145867

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  **Drilling Well**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**Union Oil Company of California**

8. FARM OR LEASE NAME  
**Fine Ridge USA**

3. ADDRESS OF OPERATOR  
**P.O. Box 1611, Casper, Wyoming 82601**

9. WELL NO.  
**2**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**520' FNL and 800' FwL**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 33, T-28S, R-25E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**GL 7,470'**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> <b>Supplemental Well History</b>	

(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.)\*

Spudded 2:30 PM 2-1-68. Drilled 12 1/2" hole to 205'. Reamed to 17 1/2". Set 13-3/8" casing at 205', cemented with 300 sax regular cement. Good returns. Drilled to 1828'. Incomplete.

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

SIGNED **W. J. Mansbridge**  
**W. J. Mansbridge**

TITLE **District Drilling Supt.**

DATE **2-9-68**

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNION OIL COMPANY OF CALIFORNIA  
Pine Ridge - USA No. 2  
520' FNL 800' FWL  
NW NW, 33, 28S, 25E  
San Juan Co., Utah

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K.B. 7481.6  
G.L. 7470.6

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
Entrada ss	617	(+6868)
Carmel	705	(+6780)
Navajo ss	1000	(+6485)
Kayenta	1437	(+6048)
Wingate ss	1641	(+5844)
Chinle	1935	(+5550)
Moenkopi	2101	(+5384)
Cutler	2450	(+5035)
Paradox (Caprox)	3310	(+4175)
Paradox Salt	3550	(+3935)
Paradox (Sheath)	4000	(+3485)
Cutler (Re-entry)	4247	(+3238)
Whiterim ss	4570	(+2915)
Cutler "Arkose"	5107	(+2378)
Honaker Trail	7304	(+ 181)
Paradox (Sheath)	7627	(- 142)
Paradox Salt	7647	(- 162)
T. D.	7931	(- 446)

**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.)

**RECEIVED**

FEB 20 1968

<p>1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Drilling Well</b></p> <p>2. NAME OF OPERATOR <b>UNION OIL COMPANY OF CALIFORNIA</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - Casper, Wyoming 82601</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>520' FNL and 800' FWL</b></p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>U.S.A. U-0145867</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Pine Ridge U.S.A.</b></p> <p>9. WELL NO. <b>2</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33; T.28S; R.25E</b></p> <p>12. COUNTY OR PARISH <b>San Juan</b></p> <p>13. STATE <b>Utah</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GR 7,470</b></p>	

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

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

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

**Drilled 1,828' - 2,015'. Incomplete.**

DVR	
FJP	
HWA	
JAM	
JIM	

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

SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 2/16/68

(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

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U.S.A. U-0145867**

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 **Drilling Well**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**UNION OIL COMPANY OF CALIFORNIA**

8. FARM OR LEASE NAME  
**Pine Ridge U.S.A.**

3. ADDRESS OF OPERATOR  
**P. O. BOX 1611 - CASPER, WYOMING 82601**

9. WELL NO.  
**2**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**520' FNL and 800' FWL (NW NW)**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 33; T.28S; R.25E**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**GL 7,470**

12. COUNTY OR PARISH 13. STATE  
**San Juan 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   
FRACTURE TREAT  MULTIPLE COMPLETE   
SHOOT OR ACIDIZE  ABANDON\*   
REPAIR WELL  CHANGE PLANS   
(Other)

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

(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.)\*

**Drilled 2,015' - 3,455'. Incomplete.**

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

ORIGINAL SIGNED BY

SIGNED W. J. Mansbridge  
W. J. Mansbridge

TITLE District Drilling Supt.

DATE 2/23/68

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

*Sharon*

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LAND OFFICE Salt Lake  
 LEASE NUMBER USA U-0145867  
 UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1968.

Agent's address P. O. Box 1611 Company Union Oil Company of California  
Casper, Wyoming 82601 Signed R. E. Lewis

Phone 234-1563 Agent's title Chief 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, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW Sec. 13	33N	25E								
Pine Ridge	U.S.A.	No. 2								Location: 520' FNL and 800' FWL. GL 7,470'. Spudded at 2:30 p.m. 2-1-68. Drilled 12-1/4" hole to 205'. Reamed to 17-1/2" to 205'. Cemented 13-3/8" casing at 205' with 300 sax. Good returns. Now drilling at 4,365' - Inc.

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

SUBMIT IN TRIPlicate\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U.S.A. U-0145867

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pine Ridge U.S.A.

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 33; T.28S; R.25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

14. PERMIT NO.

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

GL 7,470

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) Weekly Report

(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.)\*

Drilled 3,455' - 4,490'. Incomplete.

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

ORIGINAL SIGNED BY

SIGNED W. J. Mansbridge

TITLE District Drilling Supt.

DATE March 1, 1968

W. J. Mansbridge

(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**

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse 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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Drilling Well</b></p> <p>2. NAME OF OPERATOR <b>UNION OIL COMPANY OF CALIFORNIA</b></p> <p>3. ADDRESS OF OPERATOR <b>P. O. Box 1611 - CASPER, WYOMING 82601</b></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>520' FWL and 800' FWL (NW NW)</b></p> <p>14. PERMIT NO.</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>U.S.A. U-0145867</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME <b>Pine Ridge U.S.A.</b></p> <p>9. WELL NO. <b>2</b></p> <p>10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 33; T.28S; R.25E</b></p> <p>12. COUNTY OR PARISH   13. STATE <b>San Juan   Utah</b></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>GL 7,470</b></p>	

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

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

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

**Drilled 4,490' - 5,265'. Incomplete.**

**Ran Logs. Set 9-5/8" OD 36 & 40# casing @ 5,265' w/ 450 sacks 35/65 Poz. w/ 12# Gilsonite per sack plus 18% salt, 250 sacks 50-50 Poz. w/ 2% Gel., 10% Salt. Plug down @ 2 P.M. 3/5/68.**

**Drilling at 5,790', Incomplete.**

**ORIGINAL SIGNED BY**

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

SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 3/8/68

W. J. Mansbridge  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**U.S.A. U-0145867**

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 **Drilling Well**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**UNION OIL COMPANY OF CALIFORNIA**

8. FARM OR LEASE NAME

**Pine Ridge U.S.A.**

3. ADDRESS OF OPERATOR  
**P. O. BOX 1611 - CASPER, WYOMING 82601**

9. WELL NO.

**2**

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

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

**520' FNL and 800' FWL (NW NW))**

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

**Sec. 33; T.28S; R.25E**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

**GL 7,470'**

12. COUNTY OR PARISH

**San Juan**

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) **Weekly Report**

(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.)\*

**Drilled 5,790' - 7,931' T.D.**

**Top of Salt 7,700'.**

**Preparing to run logs, INCOMPLETE.**

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

SIGNED W. J. Mansbridge

TITLE District Drilling Supt.

DATE 3/15/68

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Charles Tacker - Union Oil Company of Calif.  
Pine Ridge #2

TD 7931'

617 - Entrada Fresh water  
705' Carmel  
1000 Navajo Fresh water  
1437' Kayenta  
1646 Wingate Fresh Water  
1935 CHINLE  
2101 Moenkopi  
2450 Cutler Fresh Water  
3310 Paradox  
3550 Paradox Salt  
4000 Paradox Anhydrate  
4247 Cutler Re-entry  
4570 White Rim Sandstone  
5107 Cutler re-entry  
7302 Honaker Trail - Fresh Water  
7629 Paradox  
7703 Paradox fault

9 5/8" intermediate string at 5265' - Cut frac point-4000'  
205' of 13 3/8" surface pipe  
100' - 7302 - Honaker - *Cement plugs*  
100' - below 4570' - water line  
100' - at 4000  
100' - 2450 Cutler  
100' - 1651 - Wingate  
100' - base of surface pipe  
10 sacks / marker at surface

MARCH 17, 1968  
PAUL W. BURCHELL

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.S.A. U-0145867

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  **Drilling Well**

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
**UNION OIL COMPANY OF CALIFORNIA**

8. FARM OR LEASE NAME

**Pine Ridge U.S.A.**

3. ADDRESS OF OPERATOR  
**P. O. BOX 1611 - CASPER, WYOMING 82601**

9. WELL NO.

**2**

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

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

**520' PNL and 800' FWL (NW NW)**

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

**Sec. 33; T.28S; R.25E**

14. PERMIT NO.

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

**GL 7,470' - KB 7484.6**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

**Cleaned out to 7,931' T.D. Ran Logs.**

**Plugged and abandoned well as follows per verbal approval of Paul W. Burchell, State of Utah Chief Petroleum Engineer.**

- 7,629 - 7,529' - 40 sacks cement.**
- 5,107 - 5,007' - 40 sacks cement.**
- Cut off 9-5/8" OD 36# J-55 casing at 1,109', pulled same.**
- 4,247 - 4,147' - 40 sacks cement.**
- 3,310 - 3,210' - 40 sacks cement.**
- 1,935 - 1,835' - 40 sacks cement.**
- 1,140 - 940' - 80 sacks cement.**
- 255 - 155' - 40 sacks cement.**

**Installed Dry Hole Marker with 10 sacks cement at surface.**

**Released Rig at 9:00 A.M. 3-19-68.**

**Plugged and Abandoned - Final.**

18. I hereby certify the foregoing is true and correct

**ORIGINAL SIGNED BY**

SIGNED W. J. Mansbridge

TITLE District Drilling Supt.

DATE 3-22-68

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake  
LEASE NUMBER USA U-0145867  
UNIT \_\_\_\_\_

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1968,

Agent's address P. O. Box 1611 Company Union Oil Company of California  
Casper, Wyoming 82601 Signed R. E. Lane

Phone 234-1563 Agent's title Chief Clerk

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)
<u>SEC. 13</u>										
<u>NW NW</u>	<u>33N</u>	<u>25E</u>								
<u>Pine Ridge</u>	<u>U.S.A.</u>		<u>No. 2</u>							<u>Drilled 4,365' to 5,265'. Cemented 9-5/8" casing at 5,265' with 700 sax. Drilled to 7,931'. Ran electric logs. Set 40 sack cement plug 7,629' - 7,529'; 40 sax from 5,107' - 5,007'. Cut off 9-5/8" casing at 1,109'. Set 40 sack plug 4,147' - 4,247'; 40 sax 3,210' - 3,310'; 40 sax 1,835' - 1,935'; 80 sax 940' - 1,140'; 40 sax 155' - 255'; 10 sax at surface with marker. Rig released at 9:00 a.m. 3-19-68. <u>FINAL</u></u>

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.

*Don E. Holberg*

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.

5. LEASE DESIGNATION AND SERIAL NO.

**U.S.A. U-0145867**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Pine Ridge U.S.A.**

9. WELL NO.

**2**

10. FIELD AND POOL, OR WILDCAT

**Wildcat**

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

**Sec. 33; T. 28S; R. 25E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other **Plug & Abandon**

2. NAME OF OPERATOR  
**UNION OIL COMPANY OF CALIFORNIA**

3. ADDRESS OF OPERATOR  
**P. O. Box 1611 - CASPER, WYOMING 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **520' FNL and 800' FWL (NW NW)**  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

15. DATE SPUDDED **2-1-68** 16. DATE T.D. REACHED **3-14-68** 17. DATE COMPL. (Ready to prod.) **PGA 3-19-68** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **GR 7,470.6 KB 7,481.6** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **7,931'** 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS \_\_\_\_\_ CABLE TOOLS \_\_\_\_\_

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

26. TYPE ELECTRIC AND OTHER LOGS RUN **Sonic Gamma Ray Caliper & Dual Induction** 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
<b>13-3/8</b>	<b>48</b>	<b>205'</b>	<b>17-1/2</b>	<b>300 sacks</b>	<b>-0-</b>
<b>9-5/8</b>	<b>36 &amp; 40</b>	<b>5,265'</b>	<b>12-1/2</b>	<b>700 sacks</b>	<b>1,109'</b>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
**(1) Geological Markers**

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

ORIGINAL SIGNED BY  
SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 4/01/68  
W. J. Mansbridge

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



Union Oil Company, California

P.O. Box 3372, Durango, Colorado 81301

Telephone (303) 247-4300

*Sharon*



April 4, 1968

Utah State Oil & Gas Conservation  
Commission

1588 West N. Temple  
Salt Lake City, Utah 84116

Attn: Sharon Cameron

Dear Miss Cameron:

Please be advised that the Union Oil Company of California No. 2 Pine Ridge USA, Section 33, T-28S, R-25E, San Juan County, Utah is a tight hole. We would appreciate it if you would keep the information confidential as long as your regulations permit unless notified by us to release the data.

Sincerely,

*D. J. Eckelberg*  
D. J. Eckelberg

DJE/gp

**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.S.A. U-0145867**

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.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Pine Ridge U.S.A.**

9. WELL NO.  
**2**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 33; T.28S; R.25E**

12. COUNTY OR PARISH 13. STATE  
**San Juan Utah**

1. OIL WELL  GAS WELL  OTHER  **Drilling Well**

2. NAME OF OPERATOR  
**UNION OIL COMPANY OF CALIFORNIA**

3. ADDRESS OF OPERATOR  
**P. O. BOX 1611 - CASPER, WYOMING 82601**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
**520' FNL and 800' FWL (NW NW)**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**7,470.6 GR - 7,481.6 KB**

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   
 FRACTURE TREAT  MULTIPLE COMPLETE   
 SHOOT OR ACIDIZE  ABANDON\*   
 REPAIR WELL  CHANGE PLANS   
 (Other)

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.)\*

**Propose to plug and abandon as per verbal approval by Paul W. Burchell, State of Utah Chief Petroleum Engineer, as follows:**

- 7,629' - 7,529' - 40 sacks cement
- 5,107' - 5,007' - 40 sacks cement
- Cut off 9-5/8" OD 36# J-55 casing @ 1,109' and pull.
- 4,247' - 4,147' - 40 sacks cement
- 3,310' - 3,210' - 40 sacks cement
- 1,935' - 1,835' - 40 sacks cement
- 1,140' - 940' - 80 sacks cement
- 255' - 155' - 40 sacks cement

**Install Dry Hole Marker w/ 10 sacks cement at surface.**

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

**ORIGINAL SIGNED BY**

SIGNED W. J. Mansbridge TITLE District Drilling Supt. DATE 4/9/68  
W. J. Mansbridge

(This space for Federal or State office use)

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