

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
Ute Mountain Tribe
Contract #18-20-604-82

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Ute Mountain Tribe
of Indians**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute-Indian

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Verde Gallup

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

20-31N-14W N.M. P.M.

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

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

Empire State Oil Company

3. ADDRESS OF OPERATOR

Box 871 Thermopolls, Wyoming

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

700' FSL & 1940' FEL of Section 20-T31N-R14W

14. PERMIT NO.

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

5618' GR

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

STEAM SOAK PROJECT ☒

(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.)*

1. Ran Baker Model 'F' packer on wireline & set at 3209' G.L. on May 9, 1966.
2. Ran 105 jts. 2-7/8 EUE tubing to packer & cemented annulus between 2-7/8" tubing and 5-1/2" casing to surface w/260 sac Class A 50/50 pozmix w/25% silica flour. Cement circulated. Job complete 11:30 a.m. 5-10-66. Watched into packer & displaced 15 bbls. water into formation.
3. Hooked up steam generator & began steam injection at 7:00 p.m. 5-12-66. (See attached Thermal Log for daily record.)
4. Completed steam injection 6:00 p.m. 5-22-66.
5. Ran bottom hole temp survey after being shut down 18 hrs. Temp - 310°F on 5-23-66.
6. Ran temp survey on 5-25-66. Temp 170°F.
7. Ran pump and rods to 3190'. Well did not pump up.
8. moved in swabbing unit on 5-31-66. Swabbed well dry.
9. Temporarily abandoned well.

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

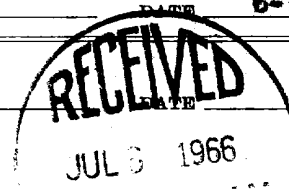
SIGNED Thomas E. Fenno
(This space for Federal or State office use)

TITLE Engineer

DATE 6-16-66

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____



*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

T H E R M A L L O G

Customer: Empire State Oil CompanyLease & Well No.: Ute Indian # 2 (Sec. 20, 31-14)County & State: Santa Fe, N.M.

DATE	TIME	TEMP. F°	PRESSURE psi	RATE gpm	TOTAL WATER gallons	REMARKS & MATERIALS USED
5-11						Place Unit on location - start rigging up.
5-12						Connect gas and propane - check out unit. Regenerate tank two; 4 sk salt.
5-12	7:00 pm	START INJECTION			zero	Used 15 sk salt; 18 filters; 5 gallons 30W oil; 1 sk Sulfite; 1 sk
5-12	8:30 pm	510	800	20	2,100	Feed water 55° F; burner pressure 5 psi; supply OK; gas pressure OK
5-13	9:00 am	565	1200	20	16,780	Nine filters; 1 sk caustic; 10 cartridges MP grease
5-13	2:00 pm	520	900	20	23,000	Shut down one-quarter hour to change diesel lines and maximum casing growth 39 inches.
5-13	6:00 pm	560	1150	20	28,000	Nine filters; 5 sk Salt; growth 39 1/2-inches.
5-14	6:00 am	550	1050	19	41,930	Nine filters.
5-14	6:00 pm				53,495	Unit down approximately 3:30 pm - filters plugged; generate tank number one; change 18 filters.
5:14	9:00 pm	550	1025	21	57,652	Regenerate tank number one again; 5 sk salt; 1 sk caustic
5:14	11:30 pm	555	1075	21	60,783	No comments.
5-15	12:45 pm				65,313	Unit down approximately 4 am - filters plugged; FWIR; regenerate tank two again; 4 sk salt.
5-15	7:00 pm	540	1000	24	69,261	Regenerate tank two again; 4 sk salt.
5-15	9:15 pm	515	800	24	72,426	Filters bad; 18 filters; increase burner pressure to 5 1/2 psi; casing growth 45 1/2-inches.
5-15	11:30 pm	530	910	24	75,800	No comments.
5-16	5:50 am	545	1030	22	84,465	Regenerate tank two; 6 sk salt; 1 sk sulfite; 1 sk caustic; 18 filters
5-16	10:45 am	550	1060	24.5	91,790	Shut down one hour to replace 3-way valves.
5-16	12:30 pm					Start cleaning water storage tanks for new water supply.

DATE	TIME	TEMP. °F	PRESSURE psi	RATE gpm	TOTAL WATER gallons	REMARKS & MATERIALS USED
5-16	1:40 pm	560	1100	28	94,360	
5-16	7:00 pm	565	1180	27	103,430	Change 18 filters; regenerate number one; 3 sk salt; start adding caustic to transports; 2 sk caustic.
5-17	8:00 am	575	1300	25	111,250	Change 18 filters; regenerate number two; unit down approximately 11:55 pm. on 5-16.
5-17	10:00 am	565	1250	26	114,830	Change 9 filters.
5-17	8:15 pm	565	1225	27	129,763	Change 18 filters.
5-18	6:45 am	565	1225	26.5	144,989	Change 9 filters; regenerate number one; 4 sk salt; annulus blowing, temperature and pressure decrease.
5-18	10:00 am	565	1225	26.6	150,247	Change 9 filters.
5-18	5:30 pm	565	1225	27	162,123	Change 9 filters; change fuel suction to bottom of auxiliary tank.
5-19	6:00 am	560	1170	25	182,230	Change 18 filters.
5-19	6:10 pm	560	1130	28	202,775	Change 18 filters; 1 sk sulfite; annulus blowing 100 feet in air; 4 sks caustic to NM Tankers; burner pressure 6 psi.
5-20	6:15 am	565	1175	25.5	219,120	Filters OK; no annulus blow.
5-20	10:30 pm	565	1175	28	226,400	Shut down 3/4 hour to change engine alternator and regulator; add 1 sk caustic to storage tank.
5-20	1:30 pm	565	1175	28	231,387	Change 9 filters; 1500 bbl water in tanks; feed water 70°F; burner pressure 5.5 psi.
5-20	3:30 pm	565	1175	28	232,400	Unit down approximately 4 pm on 5-20; engine high temperature.
5-21	6:15 am				233,267	Regenerate number one; reduce burner pressure to 5 psi.
5-21	8:00 am	570	1250	25.5	234,724	Engine temperature 190°F.
5-21	10:20 am	575	1250	27.5	238,391	Change 3 filters; refuel engine tank; 55 gallons diesel.
5-21	5:30 pm	570	1250	27.5	250,407	

DATE	TIME	LOCATION	WIND	TEMP	SEA	REMARKS
7-2	1300	34° 30' N 122° 00' W	15	17	1/2	1700
7-2	1400	34° 30' N 122° 00' W	15	17	1/2	1700

DATE	TIME	LOCATION	WIND	TEMP	SEA	REMARKS
7-2	1500	34° 30' N 122° 00' W	15	17	1/2	1700
7-2	1600	34° 30' N 122° 00' W	15	17	1/2	1700

ILLEGIBLE