

**NM OIL CONS. COMMISSION**

**Drawer DD**

**Artesia, UNIT 2300ATES**

**DEPARTMENT OF THE INTERIOR**

**GEOLOGICAL SURVEY**

Form Approved  
Budget **RECEIVED BY**  
**MAY 15 1984**  
**O. C. D.**  
**ARTESIA, OFFICE**

**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 Dry Hole

2. NAME OF OPERATOR  
The Superior Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 3901, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1980' FSL, 1980' FWL Sec. 1  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH: Same

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

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

5. LEASE NM-29691

6. IF INDIAN, ALLOTTEE OR TRIBE NAME O. C. D.

7. UNIT AGREEMENT NAME ARTESIA, OFFICE

8. FARM OR LEASE NAME Soto Federal Com.

9. WELL NO. 2

10. FIELD OR WILDCAT NAME Undesignated *Sand Dunes Morrow*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 1, T24S, R31E

12. COUNTY OR PARISH Eddy 13. STATE NM

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD) 3532 GR

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

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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.)\*

- 5-05-82 thru 5-13-82 Clean location, RIH, drld to 11,930', circ, drld 12,564', circ, drld to 15,119', circ, drld to 15,455', circ hole clean, drld to 11,986, circ, tested liner to 2000#.
- 5-14-82 thru 5-19-82 Recovered some junk, establish WL TD @ 15,416', log interval 15,408 - 11,950', POOH. Set retainer @ 14,650', tested equip, tbg, etc., circ 950 bbls pkr fluid.
- 5-20-82 Ppd 1000 gals 15% HCL acid, 500 gals Xylene, 100 bbls wtr w/5% KCL, circ w/100 bbls wtr, RD Halliburton.
- 5-21-82 Perfd 15,232-15,236, 15,240-15,250' w/2 JSPF. Open well to test tanks.

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

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

SIGNED *G. E. Jeter* TITLE *Asst. Op. Supt.* DATE *2-9-84*

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY *S.W.C.* TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL MAY 14 1984

*Carlebad* NEW MEXICO

5-22-82 Tested, ran BHP bombs, POH w/BHP bombs. Operations Suspended.  
 thru  
 6-8-82

6-25-82 Operations resumed. Displaced hole w/100 bbls fresh wtr w/5% HCL and additives.  
 thru RIH w/plus plug and set @ 15,210', dumped 4' cmt on plug, tagged plug @ 15,227',  
 7-1-82 dumped 5' cmt on top, POH, RIH and dumped 5' more cmt on plug, loaded hole w/50  
 bbls 5% KCL wtr, tested, set plug @ 15,210', dumped 4' cmt on plug, dumped 10' more  
 cmt on plug, tested, tagged cmt @ 15,201', dumped 10' cmt on plug.  
 7-2-82 RU Cudd Coil tbg, jetted to 3500', Ru Schlumberger, RIH w/2" gun, tagged PDTD @  
 15,200', perfd 14,990-15,000'. Jetted dry from 5100-15,000', loaded hole w/5% KCL.  
 thru Swabbed, tagged PBTB @ 15,200', tested. Injected 500 gals 5% KCL in fresh wtr  
 w/2GPT Clay stab., 3GPT non-ionic surfactant, 100 GPT EGMBE, 10# Fer Chek w/6½ tons  
 CO2, flushed w/1500 gals 5% KCL wtr w/3GPT non ionic surfactant w/46 - 7/8" frac ball  
 7-6-82 Jetted dry, opened on 1/8" choke, gas TSTM, well died in 30 mins.  
Operations Suspended.

7-16-82 Loaded hole w/90 bbls wtr & additives. Ran temp and Tracer Svys. Operations  
 Suspended.

7-31-82 Acidized w/1000 gals 7½% HCL, 40 - 7/8" ball sealers w/25% excess CO2. Opened on  
 thru 10/64" choke, tested, jetted dry, tested. Operations Suspended.  
 8-5-82

8-15-84 Operations Resumed. Perfd additional morrow @ 14,990 - 15,000', tested, jetted,  
 tested, tested equip, acidized w/6000 gals 7½% HCL + additives and 25% excess CO2  
 thru using 60 - 7/8" RCNB's. Ran temp.- good treatment both sets of perfs. Opened  
 well on 12/64" choke. Tested, swabbed, recovered water only during test.

8-21-84 Operations Suspended.

9-1-84 Operations Resumed. Swabbed 5900', recovered water only. Operations suspended  
 will, test Atoka Zone.