

**N. M. OIL CONS. COMMISSION** UNITED STATES  
**P. O. BOX DEPARTMENT OF THE INTERIOR**  
**HOBBS, NEW MEXICO GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-15036

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Olson Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat (Strawn)

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

Section 35, T-25S, R-34E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

**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

FEB 2 10 18 AM '84

BUR. OF LAND RIGHTS  
ROSWELL DISTRICT

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3901, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FSL, 1980' FEL, Section 35

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

NA

DATE ISSUED

2-16-82

15. DATE SPUNDED

2-23-82

16. DATE T.D. REACHED

6-29-82

17. DATE COMPL. (Ready to prod.)

2-14-83

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\*

3302' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

15,997'

21. PLUG, BACK T.D., MD & TVD

14,960'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

14,445-14,458'; 14,270-14,280' (Strawn)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

BHC/Sonic, CNL/FDC, CNL/LDT, DLL/MSFL, Caliper

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
20"	94#	542'	24"	1060 Sx "C" & Lite	None
13 3/8"	68#	5,360'	17 1/2"	4540 Sx "C"	None
9 5/8"	47#	12,895'	12 1/4"	860 "H", 2nd 835 "H"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2"	15,997'	12,605'	845	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	14,112'	14,112'

31. PERFORATION RECORD (Interval, size and number)

15,690-722; 15,572-586, 15,474-492,  
 15,403-410 (75-2" holes, Morrow)  
 15,295-312' (34-2" holes, Atoka)  
 14,445-458'; 14,270-280' (48-2" holes, Strawn)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
15,403-15,722	6000 gals 7 1/2% Hcl + additives
15,295-15,312	6800 gals 7 1/2% Hcl + additives
14,445-14,280	3000 gals acid w/25% CO <sub>2</sub>

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
2-3-83	Flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-16-83	8	16/64	→	9	434	0	48,223
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
958	0	→	27	1302	0	50°	

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

Well SI-No market for gas.

TEST WITNESSED BY

Donnie Walker

35. LIST OF ATTACHMENTS

Logs, C-122

(ORIG. SGD) DAVID R. GLASS

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

SIGNED G.E. Tate TITLE Division Operations Supt.

DATE 1-27-84

ROSWELL, NEW MEXICO

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

# 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.)

FORMATION	TOP /ft	BOTTOM /ft	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
Quaternary Fill	Surface	556	Red Beds	SEE #37	
Santa Rosa	556	934	Anhy		
Rustler	934	1070	Salt		
Salado	1070	3621	Evap.		
Castile	3621	5096	Salt		
Base Castile	5096	5382	Ls.		
Lamar	5382	5428	Sd.		
Bell Canyon	5428	6740	Sd.		
Cherry Canyon	6740	8010	Sd.		
Brushy Canyon	8010	9194	Sd.		
Boke Spring	9194	12,212	Ls.		
3rd Bone Spring	12,212	12,380	Sd.		
Well camp	12,380	14,230	Sh. & ls.		
Ohio Penn	14,230	14,448	Sh. & ls.		
Lower Atoka	14,448	14,570	Ls.		
Upper Atoka	14,570	14,950	Sh. & ls.		
Lower Atoka	14,950	15,458	Ls & Sd.		
Upper Morrow	15,458	15,997	Sd & Ls.		

**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

