

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

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 _____
2. NAME OF OPERATOR The Superior Oil Company							
3. ADDRESS OF OPERATOR P. O. Box 1900, Midland, Texas 79701							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FWL, Section 12, T-21-S, R-27-E At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED 5-31-74			
15. DATE SPIDDED 8-10-74				16. DATE T.D. REACHED 10-13-74		17. DATE COMPL. (Ready to prod.) 11-9-74	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* RKB: 3,242'				19. ELEV. CASINGHEAD 3,224'			
20. TOTAL DEPTH, MD & TVD 11,785'		21. PLUG, BACK T.D., MD & TVD 11,516'		22. IF MULTIPLE COMPL., HOW MANY* --		23. INTERVALS DRILLED BY 0 - 11,785	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Top: 11,429 Bottom: 11,439 Morrow Sand						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Neutron-Density-Caliper, DLL & MLL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		54.5		596'		17-1/2"	
9-5/8"		36		3,010'		12-1/4"	
5-1/2"		20 & 17		11,785'		8-3/4"	
AMOUNT PULLED		None					
None							
None							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
SCREEN (MD)		SIZE					
		2-7/8"					
DEPTH SET (MD)		11,295					
PACKER SET (MD)		11,295					
30. TUBING RECORD							
31. PERFORATION RECORD (Interval, size and number) Upper Morrow 11,429'-11,439' w/2 jets/ft Total of 20 holes. I.D. of holes 0.49"							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 11,429'-11,439' AMOUNT AND KIND OF MATERIAL USED 2,000 gal 7-1/2% acid 11-21-74							
33. PRODUCTION							
DATE FIRST PRODUCTION 11-9-74		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 11-14-74		HOURS TESTED 18-1/2		CHOKE SIZE 24/64"		PROD'N. FOR TEST PERIOD 0	
FLOW, TUBING PRESS. 425		CASING PRESSURE 0-Pkr		CALCULATED 24-HOUR RATE 0		OIL—BBL. 1,440	
DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) Vented while flowing to clean up		TEST WITNESSED BY T. D. Clay				GAS—MCF. 1,110	
LIST OF ATTACHMENTS Logs (Neutron-Density, Dual Laterolog, Microlaterolog)		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				GAS—OIL RATIO --	
SIGNED T. D. Clay		TITLE Petroleum Engineer				DATE 11-19-74	

*(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.), formations 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: "Stacks 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.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Clay & Red Beds	0	347	DST: 10,431'-10,488' Strawn Zone	Bone Springs	5,408
Anhy & Gypsum	347	596	Johnson Tester on 4" DP, 500' fresh wtr cushion. 5/8" btm chk. TO for 10 min.	Wolfcamp	9,056
Lm & Sand	596	845	Preflow w/strong blow, max 34 psi TP on 1/8" surf chk. SI for 1 hr ISIP. GTS in 10 minutes after tool was SI. TO for 2 hr test on 1/4" surf chk, flwd gas w/max 17 psi in 25 mins, then decreased to 0 psi in 80 mins, max gas rate est 45 MCFPD. S.I. for 2 hr FSIP. POH & rec 500' wtr cushion plus 658' of rat hole and formation wtr, btm sample tstd 6400 GPG NaCl, sample chamber had .03 cu ft gas plus 1800 cc salt wtr testing 6300 GPG NaCl. 1 hr ISIP 4761 psi, FP 284-558 psi, 1 hr FSIP 4666 psi, HP 5487 in & 5433 out. BHT 173° F.	Strawn	10,288
Dolo, Lm & Sand	1,276	1,276		Atoka	10,752
Dolo, Lm	2,241	2,241		Morrow	11,229
Lm, Sand & Dolo	3,010	3,010		Barnett	11,716
Lm, Shale & Dolo	5,350	5,350			
Dolo, Lm & Sand	6,488	6,488			
Lm, Sand & Shale	7,841	7,841			
Lm, Dolo & Shale	8,034	8,034			
Lm & Dolo	8,273	8,273			
Lm, Dolo & Shale	8,895	8,895			
Lm	9,429	9,429			
Lm & Shale	9,605	9,605			
Lm	10,323	10,323			
Lm & Shale	10,539	10,539			
Lm, Chert & Shale	10,635	10,635			
Lm & Sand	11,002	11,002			
Shale & Sand	11,427	11,427			
Sand & Lm	11,538	11,538			
Shale & Sand	11,627	11,627			
	11,785	11,785			