

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See net 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 _____										5. LEASE DESIGNATION AND SERIAL NO. NM-086	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DEEP. RESER. ☐ Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR The Superior Oil Company										7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1900, Midland, Texas 79701										8. FARM OR LEASE NAME Government "F"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 1980' FEL At top prod. interval reported below At total depth										9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED _____										10. FIELD AND POOL, OR WILDCAT Lea (San Andres)	
15. DATE SPUDDED 6-18-75										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 25, T-19-S, R-34-E	
16. DATE T.D. REACHED 7-8-75										12. COUNTY OR PARISH Lea	
17. DATE COMPLE. (Ready to prod.) 8-19-75										13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* RKB: 3781'										19. ELEV. CASINGHEAD 3769'	
20. TOTAL DEPTH, MD & TVD 6200'										21. PLUG BACK T.D., MD & TVD 6165	
22. IF MULTIPLE COMPLE. HOW MANY* _____										23. INTERVALS DRILLED BY → 0-6200	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION- TOP, BOTTOM, NAME (MD AND TVD)* Top: 5855' San Andres Bottom: 5875'										25. WAS DICTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron & Forxo-Guard Log										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	
8-5/8"		24#		405		11"		300 sacks		None	
5-1/2"		15.5#		6200		7-7/8"		765 sacks		None	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
		None								2-7/8"	
31. PERFORATION RECORD (Interval, size and number) 5855'-5875' w/2 jet shots/ft. Total of 40 holes I.D. 0.40"										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
										DEPTH INTERVAL (MD)	
										5855'-5875'	
										5855'-5875'	
										2000 gal 15% acid	
										126,420 lb frac sand + 75,600 gals.	
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
8-19-75		Pumping						Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
8-21-75		24		Pump		→		61		23	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
Pump		25		→		61		23		54	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
Vented											
35. LIST OF ATTACHMENTS 2 Sets of logs											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED		T. D. Clay				TITLE				Petroleum Engineer	
										DATE 8-22-75	

* (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 23, 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 25.

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.)

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.	SS	GEOLOGIC MARKERS		
					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red beds, gravel & sand	0	405	No Drill Stem Tests		Anhydrite	1,800	
Red beds, anhydrite	405	1833				(+1,981)	
Red Beds, anhy, salt	1833	2850	No Cores		Salt	1,230	
Salt, anhydrite	2850	3278				(+1,851)	
Anhydrite, gypsum	3278	3516			Yates	3,482	
Dolomite, anhydrite	3516	4328				(+ 299)	
Dolomite, & Sand	4328	5382			Queen	4,635	
Dolomite	5382	6200				(- 854)	
					Grayburg/San Andres	5,273	
						(-1,492)	
					San Andres Porosity	5,852	
						(-2,071)	