

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG * 3

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 0403826	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 17 PM '69	
2. NAME OF OPERATOR SOLAR OIL COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 5596, Midland, Texas		8. FARM OR LEASE NAME Marsha Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FN&WL At top prod. interval reported below At total depth same		9. WELL NO. 1	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Undesignated	
DATE ISSUED 4-14-69		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 27, T-8-S, R-31-E	
15. DATE SPUNDED 4-14-69		12. COUNTY OR PARISH Chaves	
16. DATE T.D. REACHED 4-29-69		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 5-31-69		19. ELEV. CASINGHEAD 4261.5	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4261.5 GR		20. TOTAL DEPTH, MD & TVD 3950'	
21. PLUG BACK T.D., MD & TVD 3911'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERV. DEPTH 0-TD		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TV) 3870'-3876' San Andres	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN BHC, SNP, LL, MLL	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.	
8-5/8"		24#	
5-1/2"		15.5#	
Depth Set (MD)		Hole Size	
418'		12-1/4"	
3949'		7-7/8"	
Cementing Record		Amount Pulled	
150 sx Circ			
250 sx			
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		2-3/8"	
SCREEN (MD)		3856'	
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3876'-3835' 13 1/2" holes		DEPTH INTERVAL (MD)	
3870'-3876' 4 1/2" holes		AMOUNT AND KIND OF MATERIAL USED	
		3876'-3835' A/4000 gals 28% acid; 1000 gals 3% acid	
		3876'-3835' Sq. w/150 sx Class "C"	
		3870'-3876' A/1000 gals 28% acid	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 5-31-69		Vented	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 5-1/2" X 3-3/4" X 14" casing pump		TEST WITNESSED BY R Yancey	
WELL STATUS (Producing or shut-in) Prod.			
DATE OF TEST 6-11-69		HOURS TESTED 24	
CHOKE SIZE ---		PROD'N. FOR TEST PERIOD 56	
OIL—BBL. 56		GAS—MCF. 70	
WATER—BBL. 319		GAS-OIL RATIO 1249	
FLOW. TUBING PRESS. 319		OIL GRAVITY-API (CORR.) 24.2	
CASING PRESSURE 56			
CALCULATED 24-HOUR RATE 56			
35. LIST OF ATTACHMENTS Log		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>M J Smith</u>		TITLE <u>Production Clerk</u>	
DATE <u>June 13, 1969</u>			

*(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: "Sack 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
			No DST or Cores taken	T/Yates B/Salt T/San Andres Pi-Marker T/Slaughter	1940' 2915' 3154' 3667' 3814'	