

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*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC 062170 (6)	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other TA				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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 Sam Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FWL & 1980' FNL At top prod. interval reported below Same At total depth Same				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED 2-12-69				10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DATE SPUNDED 2-16-69 16. DATE T.D. REACHED 3-18-69 17. DATE COMPL. (Ready to prod.) _____				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 7, T-21-S, R-38-E	
18. ELEVATIONS (DF, RKB, BT, GR, ETC.)* 3506' GR				12. COUNTY OR PARISH Lea 13. STATE New Mexico	
19. ELEV. CASINGHEAD 3506'		20. TOTAL DEPTH, MD & TVD 7530' 21. PLUG, BACK T.D., MD & TVD 5998'			
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY _____		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Guard GR-AVL, CB-MSC			
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
9-5/8"	32.3#	886'	13-3/4"	575 sx	
7"	23# & 26#	7499'	8-3/4"	900 sx	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number) See Attached					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Temporarily Abandoned			WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED _____		TITLE Production Clerk		DATE 8-7-69	

*(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 land 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: "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.
			No Cores or DST

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
T/Anhy	1583		
T/Salt	1670		
B/Salt	2717		
T/Yates	2876		
T/Seven Rivers	3127		
T/Queen	3689		
T/Grayburg	3858		
T/San Andres	4268		
T/Glorieta	5532		
T/Blinberry	5977		
T/Tubb	6493		
T/Drinkard	6655		
T/Abo	7108		

SAM FEDERAL #1

6325'-6063'	22	1/2" holes	A/2500 gals 15% NE; F/40,000 gals brine & 77,000# sd.
6216'-6063'			Squeezed w/200 sx Class "C"
6215'-6016'	20	1/2" holes	A/2000 gals 15% NE
7498'-7451'	8	1/2" holes	A/750 gals 15% NE
Open Hole			A/2000 gals 28%; 2000 gals 15% NE & 13,000 gals wtr.
7428'-7358'	17	1/2" holes	A/1500 gals 15% NE; 4000 gals 28% NELST, 4000 gals 15% NELST & 23,000 gals wtr.
6215'-6016'			Squeezed w/150 sx Class "C"
Retainer set @ 5998'.			