

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.	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SOLAR OIL COMPANY										7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 5596 Midland, Texas										8. FARM OR LEASE NAME Rosa Lee Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FN&WL At top prod. interval reported below Same At total depth Same										9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED 12-13-68										10. FIELD AND POOL, OR WILDCAT Wantz Abo (Ext)	
15. DATE SPUDDED 12-11-68 16. DATE T.D. REACHED 1-12-69 17. DATE COMPL. (Ready to prod.) 3-12-69										11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 19, T21S, R38E	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3475' GL										12. COUNTY OR PARISH Lea	
19. ELEV. CASINGHEAD 3475'										13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 7610'		21. PLUG, BACK T.D., MD & TVD 7528'		22. IF MULTIPLE COMPL., HOW MANY* Two		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-TD		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7473-7388' & 7233-7366' Abo 6938-6852' & 6823-6712' Drinkard										25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN BHC - Acoustilog; LL; GR/N										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	
10-3/4"		45.5#		850		13-3/4"		385 sx Circ			
7"		23 & 26#		7609'		8-3/4"		550 sx			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3-8"		7115		7150							
2-3/8"		7414									
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 2-1-69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/2" x 16' pump						WELL STATUS (Producing or shut-in) Prod.			
DATE OF TEST 4-4-69		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 224		GAS—MCF. 44	
								WATER—BBL. 2		GAS-OIL RATIO 198	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL. 224		GAS—MCF. 44		WATER—BBL. 2	
										OIL GRAVITY-API (CORR.) 38.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY H. C. Spruill	
35. LIST OF ATTACHMENTS GR/N											
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>4-8-69</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: "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.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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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		38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Drinkard	6688	7152	Anhy.	1600	
Abo	7152	7528	T/Salt	1683	
			B/Salt	2752	
			Yates	2907	
			Seven Rivers	3162	
			Queen	3726	
			Grayburg	3890	
			San And.	4299	
			Glor.	5565	
			Blinebry	6006	
			Tubb	6520	
			Drinkard	6688	
			Abo	7152	

DEPTH	NO OF HOLES	SIZE	
7473-7388	17	1 1/2"	Ac 1000 gals 15% NE; 4000 gals 28% NE; 4000 gals 15% NE & 15,000 gals water.
7360-7233'	18	1 1/2"	Ac 2000 gals 15% NE; 6000 gals 28% NE; 6000 gals 15% NE & 33,000 gals wtr.
7122-6997'	17	1 1/2"	Ac 2000 gals 15% NEFELST; F 40,000 gals brine & 57,000# sd.
7350-7195'			Squeezed w/50 sx. cmt.
7295-6900'			Squeezed w/200 sx. cmt.
6938-6852'	11	1 1/2"	Ac 1000 gals 15% NEFE, F 30,000 gals Brine & 27,000# sd.
6823-6712'	21	1 1/2"	Ac 2000 gals 15% NEFE; F 40,000 gals brine & 51,500# sd.
7366-7308'	8	1 1/2"	Ac 500 gals 15% NE
7285-7233'	9	1 1/2"	Ac 500 gals 15% NE
7473-7388'			Ac 500 gals 15% NE

INCLINATION REPORT

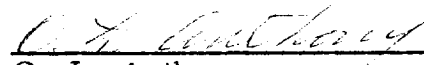
OPERATOR: Solar Oil Company
P. O. Box 5114
Midland, Texas 79701

LEASE NAME & NO: Rosa Lee Federal Well No. 1

LOCATION: 1980' FNL & 1980' FWL, Sec. 19, T-21-S, R-38-E,
Lea County, New Mexico

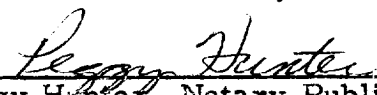
<u>DEPTH (feet)</u>	<u>INCLINATION (degrees)</u>
406	1/4
850	3/4
1200	1
1492	3/4
1913	3/4
2338	1-1/2
2790	1-3/4
3127	2
3292	1
3700	1-1/4
4090	3/4
4350	1
4899	0
5148	1/4
5400	3/4
5810	1/4
6110	3/4
7100	1
7354	3/4
7600	3/4

I, O. L. Anthony, Drlg. Supt. of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts stated herein and that the same are true and correct.



O. L. Anthony

SUBSCRIBED AND SWORN to before me this 21st day of January, 1969.



Peggy Hunter, Notary Public in and for
Winkler County, Texas.

(SEAL)

DECLARATION REPORT

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