

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2034	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR SOLAR PETROLEUM, INC.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR One Denver Place #1300, 999 18th St., Denver, CO 80202				8. FARM OR LEASE NAME Navajo 'F'	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2630' FNL, 2600' FWL At top prod. interval reported below At total depth				9. WELL NO. 152	
14. PERMIT NO.				12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 1-27-81				13. STATE New Mexico	
16. DATE T.D. REACHED 2-8-81				10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
17. DATE COMPL. (Ready to prod.) 3-22-81				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 10-T31N-R17W	
18. PRODUCTIONS (OF RES., ETC.)				19. ELEV. CASINGHEAD 5249'	
20. TOTAL DEPTH, MD & TVD 1000'		21. PLUG, BACK T.D., MD & TVD 975'		22. IF MULTIPLE COMPL., HOW MANY*	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 926', 940', Gallup Sandstone				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Density, Induction, CBL				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	92'	12-1/4"		
4-1/2"	10.5	975'	6-1/2"	300 sx 50-50 POZ, 290 gal 10% salt.	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
31. PERFORATION RECORD (Interval, size and number) 926'-40' w/ 15 shots				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD) 926'-940'	
				AMOUNT AND KIND OF MATERIAL USED 750 gals, 5% HCL & 1250 gals (C 53) mud acid.	
33.* PRODUCTION					
DATE FIRST PRODUCTION 4-2-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1-3/4"			WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 4-9-81	HOURS TESTED 24	CHOKE SIZE ----	PROD'N. FOR TEST PERIOD →	OIL—BSL. 3	GAS—MCF. ----
FLOW. TUBING PRESS. 50	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BSL. 3	GAS—MCF. ---	WATER—BSL. 41
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Down flow line to treaters		OIL GRAVITY-API (CORR.) 38°			
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 [Signature]		TITLE Sr. Petroleum Engineer		DATE May 6, 1981	

*(See Instructions and Spaces for Additional Data on Reverse Side)

BY

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 31.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Shaley Sand	Surface	805'				
Gallup 'A'	805'	922'				
Gallup 'B'	922'	942'				
Shale	942'	1000'				