

**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 <input type="checkbox"/>	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"/>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
2. NAME OF OPERATOR SOLAR PETROLEUM, INC.		<div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> JUL 3 - 1981 OIL CON. COM. DIST. 3 </div>				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, 1360' FNL						9. WELL NO. 151	
At top prod. interval reported below		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED JUN 1 1981 </div>				10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup	
At total depth						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 10-T31N-R17W	
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
15. DATE SPUDDED 12/30/81		16. DATE T.D. REACHED 1/11/81		17. DATE COMPL. (Ready to prod.) 3/20/81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5235' GL	
20. TOTAL DEPTH, MD & TVD 1,031'		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary Tools	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 910-934'						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction & Density Log						27. WAS WELL CORED Yes	
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#	91'	12-1/4"	160sx Class 'B', 1/4#/sx Flake			
4-1/2"	10.5#	1,020'	6-1/2"	3% CaCl₂			
				300sx 50/50 POZ, 2% gel,			
				10% salt, .5% of Halad 4			
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	938'	
31. PERFORATION RECORD (Interval, size and number) 910-34' (Gallup sand) w/ 1 SP2F				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				910-34'	750 gals 5% HCL & 1250 gals (C53) mud acid.		
33.* PRODUCTION							
DATE FIRST PRODUCTION 3/22/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 1-3/4" bore tubing pump				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 3/23/81	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 23	GAS—MCF. TSTM	WATER—BBL. 215	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 23	GAS—MCF. TSTM	WATER—BBL. 215	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
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 <i>Allen L. Stone</i>				TITLE Sr Petroleum Engineer			
				DATE JUL 1 1981			

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

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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 38, 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 38. 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.)

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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	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH TOP TRUE VERT. DEPTH
Mancos	Surface	890'			
Gallup	890'	937'			
Sanastee	937'	T.D.			