

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R855.5.

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. ESVR. <input type="checkbox"/> Other <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Nava,jo			
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 Nava,jo 'F' ✓			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface ✓ 1405' FSL, 1330' FWL At top prod. interval reported below At total depth								9. WELL NO. 150 ✓			
<div style="border: 1px solid black; padding: 5px; text-align: center;"> RECEIVED JUN 1 1981 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M. </div>								10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup			
								11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 4-T31N-R17W ✓			
14. PERMIT NO.				DATE ISSUED				12. COUNTY OR PARISH San Juan		13. STATE New Mexico	
15. DATE SPUDDED 2/11/81		16. DATE T.D. REACHED 3/5/81		17. DATE COMPL. (Ready to prod.) 5/9/81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5262' GL		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 1135'		21. PLUG, BACK T.D., MD & TVD 1120'		22. IF MULTIPLE COMPLETIONS, HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS Yes		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 1062'-84'								25. WAS DIRECTIONAL SURVEY MADE NO			
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, IES, Gamma Ray-Density								27. WAS WELL CORED NO			
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		24#		90'		12-1/4"		100 sx Class 'B', 1/4#/sx			
4-1/2"		10.5#		1129'		6-1/2"		flake, 3% cc 150sx 50/50 POZ, 10% salt 2% cc, 150sx Class 'B' Neat			
29. LINER RECORD						30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										DEPTH SET (MD)	
										PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number) 1062-84', 12 shot 1 SP2F						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
1062-84'						675 gals 7 1/2% HCL w/ inhibitors Turflow Acid 48 gals, 15%, 480 gals 4% 6,500# 10/20 sd & 70 Quality Foam					
33. PRODUCTION											
DATE FIRST PRODUCTION 5/11/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping with 1-3/4" pump						WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 5/11/81		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL—BBL. 20.8		GAS—MCF. TSTM	
WATER—BBL. 5.2		GAS-OIL RATIO		OIL—BBL. 20		GAS—MCF. TSTM		WATER—BBL. 5		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY					
35. LIST OF ATTACHMENTS											

ACCEPTED FOR RECORD

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Robert L. Stone TITLE Senior Petroleum Engineer

DATE JUL 21, 1981

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

FARMINGTON, N.M.

NMOCC

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.)

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	<div>TOP</div> <div>MEAS. DEPTH</div> <div>TRUE VERT. DEPTH</div>
Mancos	Surface	1030'	<div>RECEIVED</div> <div>U.S. DEPARTMENT OF THE INTERIOR</div> <div>BUREAU OF LAND MANAGEMENT</div> <div>WASH. D.C.</div>		
Gallup	1030'	1090'			
Sanastee	1090'	T.D.			