

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 ☐	GAS WELL ☐	DRY ☒					
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐		
2. NAME OF OPERATOR Solar Petroleum, Inc.									
3. ADDRESS OF OPERATOR 1099 18th St Suite 2900 Denver, Co 80202-1939									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1310' fs1 1330' At top prod. interval reported below At total depth									
5. LEASE DESIGNATION AND SERIAL NO. 14 20 403 2034									
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal									
7. UNIT AGREEMENT NAME									
8. FARM OR LEASE NAME Navajo Tribe of Indians F									
9. WELL NO. 167									
10. FIELD AND POOL, OR WILDCAT Horseshoe Gallup									
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA sec 10 T31N R17W									
12. COUNTY OR PARISH San Juan				13. STATE N.M.					
15. DATE SPUDDED 9 17 83		16. DATE T.D. REACHED 9 21 83		17. DATE COMPL. (Ready to prod.) 9 28 83		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5216 GR		19. ELEV. CASINGHEAD 5216 GR	
20. TOTAL DEPTH, MD & TVD 884		21. PLUG, BACK T.D., MD & TVD NA		22. IF MULTIPLE COMPL., HOW MANY* NA		23. INTERVALS DRILLED BY XX		ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Open Hole 854-884 Gallup								25. WAS DIRECTIONAL SURVEY MADE 1/2° @ 854	
26. TYPE ELECTRIC AND OTHER LOGS RUN Density								27. WAS WELL CORED yes	

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	
8 5/8	24#	88.92 GL	12 1/4	82.6cf cls B 2% CaCl ₂ , flocele	
5 1/2	15.5	854 GL	7 7/8	154cf howco lite, 2% CaCl ₂ , flocele	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	846.4	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Open Hole 854-884				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION							
DATE FIRST PRODUCTION 9 28 83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) pump				WELL STATUS (Producing or shut-in) TA	
DATE OF TEST 10 23 83	HOURS TESTED 24	CHOKE SIZE --	PROD'N. FOR TEST PERIOD --	OIL—BBL. trace	GAS—MCF. tstm	WATER—BBL. 233	GAS-OIL RATIO --
FLOW. TUBING PRESS. --	CASING PRESSURE --	CALCULATED 24-HOUR RATE --	OIL—BBL. trace	GAS—MCF. tstm	WATER—BBL. 233	OIL GRAVITY-API (CORR.) 37.8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) tstm						TEST WITNESSED BY Joe Cantu	
35. LIST OF ATTACHMENTS none							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED Travis O'Keefe TITLE Engineering Technician DATE 11 3 83 / 8 22 84

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

AUG 27 1984

FARMINGTON RESOURCE AREA

BY Sam

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	MEAS. DEPTH	TRUE VERT. DEPTH
Mancos Gallup	surface 854	854 884	Core 854-884 rec 25' gd sd			