

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Robert H. Hurrell No. 42-RMS-1

5. LEASE DESIGNATION AND SERIAL NO.

14 20 603 2034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal Indians

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe of Indians F

9. WELL NO.

160

10. FIELD AND POOL, OR WILDCAT

Horseshoe Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 4 T31N R17W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐

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 #2900 Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1310 FSL 2630 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

15. DATE SPUNDED 8-17-83 16. DATE T.D. REACHED 8-25-83 17. DATE COMPL. (Ready to prod.) 11 23 83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5255 GR 19. ELEV. CASINGHEAD 5255 GL

20. TOTAL DEPTH, MD & TVD 1068 21. PLUG, BACK T.D., MD & TVD na 22. IF MULTIPLE COMPL., HOW MANY* na 23. INTERVALS DRILLED BY → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup Open Hole 1038-1068

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Density

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#	82.7 GL	12 1/4	82.6 cf CIB 2% CaCl ₂ , floccle	
5 1/2	14#	1037 GL	7 1/8	192.5 cf Howco lite 2% CaCl ₂ , CIB	
				41.3 cf CIB 2% CaCl ₂ , floccle	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	1664	CL

31. PERFORATION RECORD (Interval, size and number)

Open Hole 1038-1068

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1037-68	11,000 gals. cross link gel 17,000 # 20-40 SD.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11 23 83		Pump					Prod.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-15-83	24	na	→	10.74	tstm	168.26	-----	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
na	na	→	10.74	tstm	168.26	39.7		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

tstm

TEST WITNESSED BY

Joe Cantu

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

Marie O'Keefe

TITLE

Engineering Tech.

DATE

FEB 02 1984

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

FARMINGTON RESOURCE AREA

BY

Smn

NMOCC

General: This form is to be used for the submission of data for the Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and in any attachments or both, pursuant to applicable Federal and/or State laws and regulations, should 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: "Nucks 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.)

SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
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				NAME	TOP	
FORMATION	TOP	BOTTOM	MEAS. DEPTH		TRUE VERT. DEPTH	
Mancos	0	1038	CORE 1038-1068 Rec. 30'			
Gallup	1038	1068				

RECEIVED
FEB 03 1984
OIL CON. DIV. I
DIST. 3