

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.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo 'F'

9. WELL NO.

153

10. FIELD AND POOL, OR WILDCAT

Horseshoe Gallup

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREARECEIVED
MAY 8 1981
U.S. GEOLOGICAL SURVEY
NEW MEXICO
GALLUP
131N-R17W12. COUNTY OR
PARISH

13. STATE

1a. TYPE OF WELL:

OIL
WELL☒GAS
WELL☐

DRY

Other

b. TYPE OF COMPLETION:

NEW
WELL☒WORK
OVER☐DEEP-
EN☐PLUG
BACK☐DIFF.
ESVR.☐

Other

2. NAME OF OPERATOR

SOLAR PETROLEUM, INC.

3. ADDRESS OF OPERATOR

One Denver Place #1300; 999 18th St., Denver, CO 80202

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

At surface

1330' FSL, 1330' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

15. DATE SPUDDED

2-10-81

16. DATE T.D. REACHED

2-23-81

17. DATE COMPL. (Ready to prod.)

3-18-81

18. ELEVATIONS (Surf., Top of Gr., Etc.)*

5213' GR

19. ELEV. CASINGHEAD

5213'

20. TOTAL DEPTH, MD & TVD

940'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

857', 875' Gallup Sandstone

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

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	91.74'	12-1/4"	100 sx Class 'B', 1/2#/sx flake, 3% cc	0
4-1/2"	10.5	927'	6-1/2"	300 sx 50-50 POZ, 2% gel 10% salt, .5 of 1% Halad	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	887'	

31. PERFORATION RECORD (Interval, size and number)

852' - 54' w/ 2 SPF

857' - 75' w/ 1 SP2F (correlated w/
density log)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
852'	cmdt 4 1/2" csg w/ 200 sx Class 'B' Neat. (Squeezed)
852'-875'	500 gals, 5% HCL & 500 gals mud acid 15%.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3-18-81		Pumping					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
3-20-81	24		→	52	----	158	---	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
50	0	→	52	TSTM	158	37°		

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

Down flow line to treater

TEST WITNESSED BY

T. Durham

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

TITLE Sr. Petroleum Engineer

DATE May 6, 1981

WASHINGTON DISTRICT

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

BY

RB

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.																							
Shaley Sand	surface	740'	<table border="1"> <thead> <tr> <th rowspan="2">NAME</th> <th colspan="2">TOP</th> </tr> <tr> <th>MEAS. DEPTH</th> <th>TRUE VERT. DEPTH</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>Gallup 'A'</td> <td>740'</td> <td>857'</td> <td></td> </tr> <tr> <td>Gallup 'B'</td> <td>857'</td> <td>880'</td> <td></td> </tr> <tr> <td>Shale</td> <td>880'</td> <td>940'</td> <td></td> </tr> </tbody> </table>	NAME	TOP		MEAS. DEPTH	TRUE VERT. DEPTH							Gallup 'A'	740'	857'		Gallup 'B'	857'	880'		Shale	880'	940'	
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