

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.

LC - 066840

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Susan Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED

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

Sec. 18, T-23-S, R-38-E

12. COUNTY OR
PARISH

Lea

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 OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. box 5596 Midland, Texas

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

At surface 660' FNL & 660' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

1-25-69

16. DATE T.D. REACHED

1-13-69

17. DATE COMPL. (Ready to prod.)

4-21-69

18. ELEVATIONS (DF, R&B, RT, GR, ETC.)*

3374.5' GR

19. ELEV. CASINGHEAD

3374.5'

20. TOTAL DEPTH, MD & TVD

7350'

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

7294'

22. IF MULTIPLE COMPL.,
HOW MANY*

Dual

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

O-TD

CABLE TOOLS

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

7290'-7127' Abo

6952'-6908' Abo

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-N; LL & BHC Acoustilog

27. WAS WELL COBED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	838'	13-3/4"	500 sx	
7"	23# & 26#	7350'	8-3/4"	650 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7105'	Otis pkr. 3
					2-3/8"	6617'	6810'

31. PERFORATION RECORD (Interval, size and number)

7290' - 7127' 18 1/2" holes

6952' - 6908' 4 1/2" holes

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

7290-7127 A/2000 gals 15% NE acid; 6000 gals 28%; 6000 gals 15% & 30,000 gals treated wtr.

6952-6908 A/1000 gals 15% NE; 2000 gals 28%; 2000 gals 15% & 15,000 gals treated str.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3-1-69		Pump, 2" x 1-1/2" x 16'					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-1-69	24	--	→	81	120	53	1480	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
--	----	→	81	120	53	39.8		
34. DISPOSITION OF GAS (Spec. used for fuel, vented, etc.)						TEST WITNESSED BY		

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

Vent

TEST WITNESSED BY

C. Stacy

35. LIST OF ATTACHEMENTS

Deviant Survey

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

SIGNED

TITLE

Production Clerk

DATE

May 2, 1969

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

INSTRUCTIONS

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

39. NAME

MEAS. DEPTH

TRUE VERT. DEPTH

1395
2609
2780
3032
3600
3763
4165
5365
5713
6228
6383
6805

T/Salt
B/Salt
T/Yates
T/Seven Rivers
T/Queen
T/Grayburg
T/San Andres
T/Glorieta
T/Blinberry
T/Tubb
T/Drinkard
T/Abo

No DST or Cores

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