

U. S. GOVERNMENT
P. O. BOX
HONOLULU

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 42-R355.5.

LEASE DESIGNATION AND SERIAL NO.

NM-2244

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

"B-4" Penrose Queen Unit

FARM OR LEASE NAME

Hughes "B-4"

WELL NO.

3

FIELD AND FOOT, OR WILDCAT

Langlie Mattix

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

Sec. 17, T-23-S, R-37-E

COUNTY OR
PARISH

Lea

STATE

New Mexico

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER

2. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORK OVER ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

3. NAME OF OPERATOR

Samedan Oil Corporation

4. ADDRESS OF OPERATOR

600 N. Marienfeld, Suite 320, Midland, Texas, 79701

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

At surface 1300' FNL & 500' FWL of Section 17

At top prod. interval reported below

At total depth

6. PERMIT NO.

DATE ISSUED

7. DATE SPUNDED

5-8-84

5-16-84

8-15-84

3324 GR

8. TOTAL DEPTH, MD & TVD

3750

9. FAULT BACK T.D., MD & TVD

10. IF MULTIPLE COMPLET.,
HOW MANY*

11. INTERVALS
DRILLED BY

12. TOOTH TOOLS

CABLE TOOLS

A11

13. PRODUCING INTERVALS, OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3422-3685' Langlie Mattix

14. WAS DIRECTIONAL
SURVEY MADE

Yes

15. TYPE ELECTRIC AND OTHER LOGS RUN

CNL-FDC-GR, CNL-GR, DLL-GR

16. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	CEMENT* SEC'D	AMOUNT PULLED
8-5/8"	20#	334	12-1/4"	300 sx Class "C"	
5-1/2"	14#	3750	7-7/8"	400 sx Class "H" + 200 sx Poz A	

18. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3639	

19. PLACEMENT RECORD (Interval, size and number)

3422', 26', 46', 53', 86',
3505', 25', 51', 61', 68', 72', 74', 76',
78', 82', 84', 89', 96', 98',
3614', 16', 26', 34', 44', 48', 69', 73',
78', 90', 96' (30 shots)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3422-3696'	Frac w/18,000 gal acid

21. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8-15-84		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—SCF.	WATER—BBL.	GAS-OIL RATIO	
8-30-84	24		—————→	84	80		952	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL—BBL.	GAS—SCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		—————→	84	80	36			

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

SEP 13 1984

23. LIST OF ATTACHMENTS

24. I hereby certify that the foregoing and attached information is complete and correct as determined by NEW MEXICO

SIGNED

Unit Diamond

TITLE

Division Clerk

DATE

9/10/84

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

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) 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
Redbed	0	334		Yates	2676	
Redbed & Anhy.	334	765		Queen	3422	
Redbed & Salt	765	1030		Penrose Sand	3556	
Anhydrite	1030	2910				
Lime	2910	3730				
Dolomite	3720	3750				