

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 ☐	Other _____						
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____				
2. NAME OF OPERATOR						3. ADDRESS OF OPERATOR					
Samedan Oil Corporation						2207 Wilco Building, Midland, Texas					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*											
At surface 660' FNL & 660' FEL Section 18											
At top prod. interval reported below											
At total depth											
14. PERMIT NO.				DATE ISSUED							
				3-20-67							
5. LEASE DESIGNATION AND SERIAL NO.		LC 032452(B)									
6. IF INDIAN, ALLOTTEE OR TRIBE NAME											
7. UNIT AGREEMENT NAME											
8. FARM OR LEASE NAME											
Hughes "B-4"											
9. WELL NO.											
12											
10. FIELD AND POOL, OR WILDCAT											
Langlie-Mattix											
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA											
Sec. 18, T-23-S											
R-37E											
12. COUNTY OR PARISH				13. STATE							
Lea				N. Mexico							
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD			
3-24-67		3-29-67		4-6-67		3330.6 GR					
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS			
3733'		3703'				→		0 to 3733'			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE			
3586' to 3692' Queen Zone								Yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED			
Gamma Ray-Sonic								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#		393'		11"		230 Sacks (Circulated)		None	
4-1/2"		9.5#		3732'		7-7/8"		300 Sacks		None	
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										2-3/8"	
										3605'	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perforations: 3586, 3597', 3604', 3611', 3616', 3627', 3634', 3639', 3651', 3670', 3674', 3688' & 3692', 1 shot per interval										DEPTH INTERVAL (MD)	
Perforated .37" Holes										3586 to 3692'	
										AMOUNT AND KIND OF MATERIAL USED	
										40,000 gallons crude oil	
										50,000 pounds 20/40 sand	
										500 gallons 15% NE Acid	
33.* PRODUCTION											
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)			
4-7-67		Flow						Producing			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
4-13-67		16		10/64		→		64.3		172.8	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
790		990		→		96.5		259.5		8	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)										TEST WITNESSED BY	
Sold										G. T. Baker	
35. LIST OF ATTACHMENTS											
Gamma Ray - Sonic - Inclination Report											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>[Signature]</u>				TITLE <u>Division Production Superintendent</u>				DATE <u>April 18, 1967</u>			

*(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) (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
Santa Rosa	675'	1115'	Appears to be porous water bearing sand on log analysis.	Yates	2735'	
Yates	2735'	3023'	Scattered sand zones	Seven Rivers	3023'	
Seven Rivers	3023'	3290'	Scattered sand zones	Queen Sand	3406'	
Queen Penrose Sand	3575'	3703'	Various sand zones contain oil from log analysis and perforation test.	Penrose Sand	3553'	
				Grayburg	3703'	