

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. L.C. 06494	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Aztec Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 837, Hobbs, New Mexico		8. FARM OR LEASE NAME Federal "M"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FSL & 990 FWL of Section 27, T 18S, R 33E At top prod. interval reported below Lee County, New Mexico At total depth		9. WELL NO. 1	
14. PERMIT NO.		13. STATE New Mex.	
DATE ISSUED		12. COUNTY OR PARISH Lee	
15. DATE SPUNDED 10/28/66	16. DATE T.D. REACHED 1/2/67	17. DATE COMPL. (Ready to prod.) 1/25/67	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3805 RKB
19. ELEV. CASINGHEAD 3789.4		20. TOTAL DEPTH, MD & TVD 13,316	
21. PLUG, BACK T.D., MD & TVD 13,268 (RKB)		22. IF MULTIPLE COMPL., HOW MANY* Two (2)	
23. INTERVALS DRILLED BY All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow: 13,138-200 (RKB) Strawn: See other form	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Lane Wells* GR-Acoustilog, IES & Minilog. Also Cmt. Bond log	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT, LB./FT.	
13-3/8		48	
8-5/8		32	
5-1/2		20	
DEPTH SET (MD)		HOLE SIZE	
354 (KB)		17-1/2	
5,109 "		11 "	
13,315 "		7-7/8	
CEMENTING RECORD		AMOUNT PULLED	
350 sxs.		None	
900 sxs.		None	
1250 sxs.		None	
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
None		2-1/16	
TOP (MD)		DEPTH SET (MD)	
		13,199	
BOTTOM (MD)		PACKER SET (MD)	
		13,090 (KB)	
SACKS CEMENT*			
SCREEN (MD)			
31. PERFORATION RECORD (Interval, size and number) Morrow: 13,138-48 (4 holes per foot) 13,156-70; 13,174-82; 13,190-200 (8 holes per foot)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 13,138-200 (KB) AMOUNT AND KIND OF MATERIAL USED 500 gal. Mud Acid and 2000 gal. Spearhead Acid	
33.* PRODUCTION			
DATE FIRST PRODUCTION 1/25/67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 1/26/67		HOURS TESTED 24	
CHOKE SIZE 24/64		PROD'N. FOR TEST PERIOD 24	
OIL—BBL. 24		GAS—MCF. 1,100	
WATER—BBL. 0		GAS-OIL RATIO 45,833	
FLOW. TUBING PRESS. 50		CASING PRESSURE Packer	
CALCULATED 24-HOUR RATE 56.0		OIL GRAVITY-API (CORR.) 56.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		TEST WITNESSED BY L. L. Duke	
35. LIST OF ATTACHMENTS Logs			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Lester L. Duke		TITLE District Superintendent	
DATE February 6, 1967			

*(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: "Seals 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
DST #1 9100-42 and 140' SLIGCMW.	T.O. 70 mins.	1 hr. ISIP 2360, FP 70-140, 1 hr. FSIP 1755.	Rec. 130' SLIGCMW weak blow decreasing thru out.	Anhy. Salt B. Salt Yates Queen Wolfcamp Strawn	1425 1530 2840 3125 4230 10518 12057	
DST #2 10485-10570 Rec. 180' SLIMCO & 1740' SW, 1 hr. ISIP 1976 - FP 346 - 1056. 1 hr. FSIP 1277.	T.O. 3 hrs. 10 mins.	weak blow thru out GTS 70 mins.				
DST #3 12209-12300 tool for flow period & had 1000' WB & mud to surface in 40 mins., GTS in 45 mins. Flwd. 12 BO in 30 mins. 18/64" choke, 900# FP - Flwd 70 BO in 3 1/2 hrs. 14/64" choke, 1750# FP 90 min ISIP 6977 - FP 1611-4767 - 2 hrs. 40 mins. FSIP 6845. Grav. 46.3 at 60°. GOR 2270-1, Avg. gas rate 1115 MCFPD	T.O. 4 hrs. 10 mins.	GTS 20 mins. while taking ISIP, open				
DST #4 12325-450 increased to good thru out. Rec. 1000' SLIGCMW & 100' HCM V/trace oil. 60 min ISIP 2963 - FP 531-564. 60 min. FSIP 2832 and bldg.	1000' WB T.O. 2 hrs. 10 mins.	Weak blow after 20 mins.				