

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-P3-76

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-02294	
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE, OR TRUST LAND JAN 2 1971	
3. NAME OF OPERATOR Astec Oil & Gas Company		7. UNIT AGREEMENT NAME ON COM. DIST 3	
4. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico		8. FARM OR LEASE NAME Whitley	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1850 FNL & 850 FWL, Section 17-27N-9W At top prod. interval reported below At total depth		9. WELL NO. #10	
10. FIELD AND POOL, OR WILDCAT Basin Dakota		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 17-27N-9W	
12. PERMIT NO.		13. DATE ISSUED	
14. DATE SPURRED 12-19-70		15. DATE T.D. REACHED 12-30-70	
16. DATE COMPL. (Ready to prod.) 1-17-71		17. ELEVATIONS (DF, RES, RT, GR, ETC)* 6435 Gr	
18. TOTAL DEPTH, MD & TVD 7028		19. ELEV. CASINGHEAD 6436	
20. PLUG BACK T.D., MD & TVD 7015		21. IF MULTIPLE COMPL., HOW MANY* Single	
22. INTERVALS DRILLED BY →		23. ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6832-6994, Dakota		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN ES-Induction & Gamma Density		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE		WEIGHT, LB./FT.	
8-5/8"		24#	
4-1/2"		10.5#	
DEPTH SET (MD)		HOLE SIZE	
309'		12-1/4"	
7027'		6-3/4"	
CEMENTING RECORD		AMOUNT PULLED	
200 sacks			
1st Stage - 240 sacks			
2nd Stage - 570 sacks			
29. LINER RECORD			
SIZE		TOP (MD)	
BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		30. TUBING RECORD	
		SIZE	
		1-1/2 EUE	
		DEPTH SET (MD)	
		6950'	
PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)			
Upper Zone 6832-6846 4 SPF		Lower Zone 6982-6994 4 SPF	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6832-6994		UPPER ZONE - 1460 Bbls Water	
		35,000# 20/40 Sd & 15,000# 10/20	
		LOWER ZONE - 53,000 Gals Water	
		35,000# 20/40 Sd & 11,000# 10/20	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
		Pumping	
WELL STATUS (Producing or shut-in)		Shut-in	
DATE OF TEST		HOURS TESTED	
1-24-71		3 Hrs.	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3/4		→	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
162		1021	
CALCULATED 24-HOUR RATE		OIL—BBL.	
→			
GAS—MCF.		WATER—BBL.	
2715			
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
Sold			
TEST WITNESSED BY			
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 <i>[Signature]</i>		TITLE District Superintendent	
		DATE January 27, 1971	

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ease Ojo Alamo	1568'					
Fruitland	2050'					
Picture Cliff	2355'					
Point Lookout	3680'					
Mesaverde	3910'					
Gallup	5875'					
Greenhorn	6680'					
Graneros	6730'					
Jakota	6832'					