

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. SP 077402			
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 Astec Oil & Gas Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR Drummer #570, Farmington, New Mexico				8. FARM OR LEASE NAME WILSON UNIT "A"			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1685 FNL 1460 FNL At top prod. interval reported below At total depth				9. WELL NO. 1			
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota			
15. DATE SPURRED 8-17-64				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6-T10N-R12E			
16. DATE T.D. REACHED 9-3-64				12. COUNTY OR PARISH San Juan			
17. DATE COMPL. (Ready to prod.) 9-23-64				13. STATE New Mexico			
18. ELEVATIONS (DF, REB, RT, GB, ETC.)* 7504 REB 7513 Ground				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6861 Schl. 6872 Drilr		21. PLUG, BACK T.D., MD & TVD 6864		22. IF MULTIPLE COMPL., HOW MANY* →			
23. INTERVALS DRILLED BY X				24. ROTARY TOOLS X			
25. WAS DIRECTIONAL SURVEY MADE Yes				26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-ES			
27. WAS WELL CORED No				28. CASING RECORD (Report all strings set in well)			
Casing Size		Weight, lb./ft.	Depth Set (MD)	Hole Size	Cementing Record	Amount Pulled	
4-1/2"	9.5 & 10.5	6873	7-7/8"	1st stage-270 cu 90-90 pounds	2nd stage-170 cu Class C 84 gal 120 cu	3rd stage-150 cu Class C gal 15 gal only.	
29. LINER RECORD				30. TUBING RECORD			
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	Size	Depth Set (MD)	Packer Set (MD)
					2-3/8"	6638	
31. PERFORATION RECORD (Interval, size and number) 2 EFF 6668-6667 6690-6694 6707-6714 4 EFF 6780-6737				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Depth Interval (MD) Amount and Kind of Material Used From w/30,000 gals. water w/3-100 lb of 1000. 20,000 20-40 sand			
33.* PRODUCTION DATE FIRST PRODUCTION 9-24-64 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) DATE OF TEST 9-24-64 HOURS TESTED 3 1/2 CHOKER SIZE 3/4" PROD'N. FOR TEST PERIOD → OIL—BBL. 345 GAS—MCF. 3045 WATER—BBL. 345 GAS-OIL RATIO FLOW. TUBING PRESS. 246 CASING PRESSURE 792 CALCULATED 24-HOUR RATE → OIL—BBL. 345 GAS—MCF. 345 WATER—BBL. 345				WELL STATUS (Producing or RECEIVED SEP 29 1964 OIL & GAS DIVISION (GCH.) TEST WITNESSED BY U.S. GEOLOGICAL SURVEY FARMINGTON, N. M.			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records ORIGINAL SIGNED BY JOE C. SALMON SIGNED _____ TITLE District Superintendent DATE 9-23-64							

*(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 38, 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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Surface					
24' 8" Shale	211	211	LAB TESTS:		
24' 8" Shale	205	205			
24' 8" Shale	2010	2010	Placed Cement		
24' 8" Shale	3757	3757	Cement Brine		
24' 8" Shale	4753	4753	Partial Leachout		
24' 8" Shale	4795	4795	Gelling		
24' 8" Shale	5305	5305	Overburden		
24' 8" Shale	6732	6732	Overburden		
24' 8" Shale	6872	6872	Dolomite		
			2111		
			3704		
			4474		
			5702		
			6406		
			6573		
			6658		