

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 Astec Oil & Gas Company													
3. ADDRESS OF OPERATOR Drawer 570, Farmington, New Mexico													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FSL & 1850 FWL, Section 22-28N-13W At top prod. interval reported below At total depth													
14. PERMIT NO. DATE ISSUED													
15. DATE SPUDDED 9-2-70													
16. DATE T.D. REACHED 9-11-70													
17. DATE COMPL. (Ready to prod.) 9-22-70													
18. ELEVATIONS (DF, BKB, RT, GR, ETC.)* 6063 Gr													
19. ELEV. CASINGHEAD 6064													
20. TOTAL DEPTH, MD & TVD 6426													
21. PLUG, BACK T.D., MD & TVD 6389													
22. IF MULTIPLE COMPL., HOW MANY* Single													
23. INTERVALS DRILLED BY													
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6316-6332, Dakota													
25. WAS DIRECTIONAL SURVEY MADE Yes													
26. TYPE ELECTRIC AND OTHER LOGS RUN ES Induction													
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													
8-5/8" 24# 310' 12 1/2" 200 Sxs													
4-1/2" 10.50# 6423' 7-7/8" 1st Stage 150 sxs @ 6389													
2nd Stage 475 sxs @ 5843													
3rd Stage 220 sxs @ 1887													
29. LINER RECORD													
Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD)													
30. TUBING RECORD													
Size Depth Set (MD) Packer Set (MD)													
1 1/2 EUE 6295'													
31. PERFORATION RECORD (Interval, size and number of holes)													
6316-32 4 SPF													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
Depth Interval (MD) Amount and Kind of Material Used													
6316-32 1685 Bbls Water													
40,000# 20/40 Sand													
20,000# 10/20 Sand													
33. PRODUCTION													
Date First Production Production Method (Flowing, gas lift, pumping—size and type of pump) Well Status (Producing or shut-in)													
Flowing Shut-in													
Date of Test Hours Tested Choke Size Prod'n. for Test Period Oil—BBL. Gas—MCF. Water—BBL. Gas-Oil Ratio													
9-29-70 3 Hours 3/4 4289													
Flow. Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil—BBL. Gas—MCF. Water—BBL. Gravity-API (Corr.)													
141 903 4289													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold													
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 [Signature] TITLE District Superintendent DATE October 1, 1970													

*** (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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	6312'			
Graneros	6210'			
Greenhorn	6138'			
Gallup	5300'			
Point Lookout	4135'			
Mesavende	2580'			
Picture Cliff	1670'			
Fruitland	1470'			