

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF 078198

6. IF INDIAN, ALLOTMENT OR RESERVE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NYE OIL CO. COM.

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 12-T30N-R11W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

Dresser #570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1020' FWL 990' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 4-3-64 16. DATE T.D. REACHED 4-22-64 17. DATE COMPL. (Ready to prod.) 5-10-64 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5886 OL; 5924 DF; 5925 KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 7118 21. PLUG, BACK T.D., MD & TVD 7083 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → X 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 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 & 11.6	7116'	7-7/8"	1st stage 250 sx 50-50 pos w/.5% CTR2 Class C 2nd stage 150 sx 50-50 pos 6% gel Class C w/12#/sk gilsonite & 3/4 CTR2 3rd stage 150 sx 50-50 pos Class C 6% gel &	

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"	683'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4 shots/foot 6846-6856; 6936-6956; 6994-7000; 7010-7020; 7042-7050	Fract w/ treated wtr 1% cacl2 & 7#/1000 gals. J-111; 60,000/ 20-40 sd; 20,000/10-20 sd & 15 rubber balls.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
		3/4"	→		2707		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
218	625	→		2895			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) 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

ORIGINAL SIGNED BY JOE C. SALMON

SIGNED Joe C. Salmon TITLE District Superintendent DATE 5-12-64

*(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 21, and 23, 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.
Sand & boulders	0	130	<p style="text-align: center;">LOG TOPS:</p> <p>Pictured Cliffs 2452 Cliff House 3997 Point Lookout 4702 Bellup 5990 Greenhorn 6726 Grassroots 6789 Public 6932</p>
Sand & Shale	130	350	
Sand & Shale	350	1300	
Sand & Shale	1300	3350	
Sand & Shale	3350	3719	
Sand & Shale	3719	4184	
Sand & Shale	4184	4408	
Sand & Shale	4408	4779	
Sand & Shale	4779	4894	
Sand & Shale	4894	5076	
Sand & Shale	5076	5872	
Sand & Shale	5872	6550	
Sand & Shale	6550	6847	
Sand & Shale	6847	6856	
Sand & Shale	6856	6889	
Sand & Shale	6889	6938	
Sand & Shale	6938	7093	
Sand & Shale	7093	7119	
Total Depth	7119		