

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒	5. LEASE DESIGNATION AND SERIAL NO. OTTALE
2. NAME OF OPERATOR Astec Oil & Gas Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Drawer #570, Farmington, New Mexico	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1190' F&L 990' F&L	8. FARM OR LEASE NAME GRUBER "A"
14. PERMIT NO.	9. WELL NO. 4
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6107' Ground	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25-T3N-R10W
	12. COUNTY OR PARISH San Juan
	13. STATE New Mexico

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

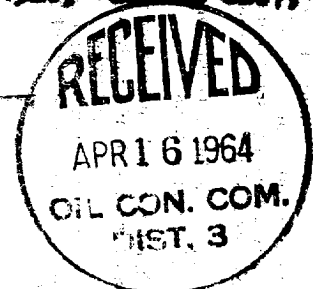
WATER SHUT-OFF ☒	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
(Other) ☐	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Total depth 7282 Driller 7290 Schlumberger
Run 225 joints 4 1/2" 9.5 & 10.5 casing landed 7262'
Cemented first stage with 250 sacks 50-50 Diamix
Cemented second stage with 150 sacks 50-50 Diamix 6 1/2 gal 1.2% D-30
Cemented third stage with 150 sacks 50-50 Diamix 6 1/2 gal 1% D-30
Purged 4 shots/ft 7011-7024 & 7100-7130'
Fract with 1 1/2" casing wtr and 7 1/2" per 1000 J-2 77,448 gals. 60,000 20-40 sand
17,000 10-20 sand 45 rubber balls. Flushed with 65 bbls. No breakdown
Maximum 3400 psi; Rate on frac 42.9 BPM ISIP 2700

Logs: Pictured Cliffs 2664; Cliff House 4190; Point Lockout 4928; Gallup 6167;
Greenhorn 6904; Graneros 6953; Dakota 7097



18. I hereby certify that the foregoing is true and correct

SIGNED ORIGINAL SIGNED BY JOE C. SALMON

TITLE District Superintendent

DATE 4-14-64

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.