

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-039-20474

5. LEASE DESIGNATION AND SERIAL NO.  
NM-2991

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
La Baca

9. WELL NO.  
#1

10. FIELD AND WELL, OR WELDCAT  
Blanco Mesaverde

11. TWP., R., S., OR SEC. AND SURVEY OR AREA  
Section 1-29N-5W

12. COUNTY OR PARISH | 13. STATE  
Rio Arriba | New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER       SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
Astec Oil & Gas Company

3. ADDRESS OF OPERATOR  
P. O. Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 790' FNL & 820' FEL, Section 1-29N-5W  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
65

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
6850

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7610 GR

22. APPROX. DATE WORK WILL START\*  
On approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10-3/4"	8-5/8"	24#	300'	150 SXS
7-7/8"	4-1/2"	10.5#	6850'	300 SXS

Propose to:

Drill to TD of 6850'.  
Perforate and Frac Mesaverde formation.

*Will 2 stage cement se*

*formation - Ed To Joe Salnow 3-2-72.*

N/2 Section 1-29N-5W Dedicated acres 281.58



RECEIVED

MAR 1 1972

GEOLOGICAL SURVEY  
DURANGO, COLO.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joe Salnow TITLE District Superintendent DATE February 18, 1972

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY Geo TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundary of the section.

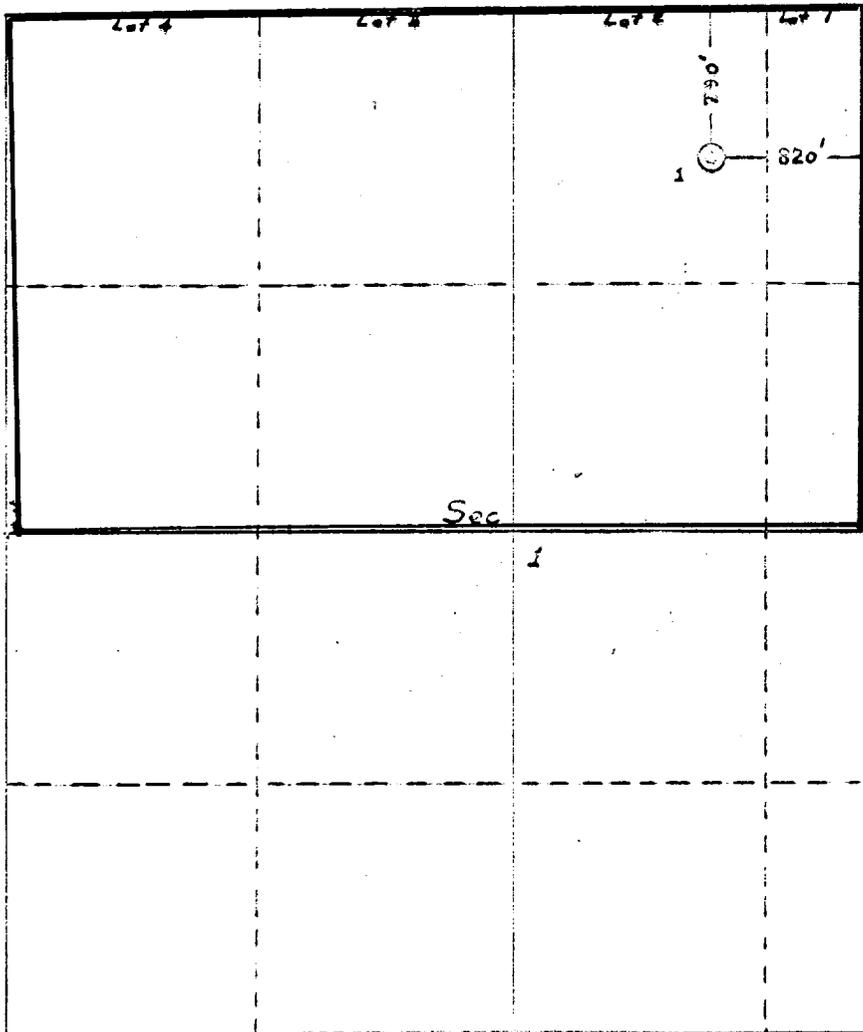
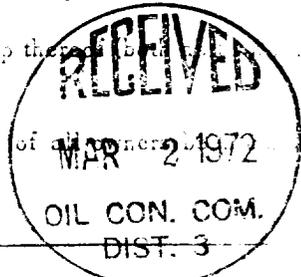
Operator <b>Aztec Oil &amp; Gas Company</b>		Lease <b>La Baca</b>		Well No. <b>1</b>
Section <b>1</b>	Township <b>29N</b>	Range <b>5W</b>	County <b>Rio Arriba</b>	
Section of Well: 790 feet from the North line and 820 feet from the East				
Ground Level Elev. <b>7610</b>	Producing Formation <b>Mosa Verde</b>	Pool <b>Blanco</b>	Borehole Area <b>281.58-65</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereon (interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATE

I hereby certify that the information herein is true and correct to the best of my knowledge and belief.

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
 District Superintendent  
 Company  
Aztec Oil & Gas Company  
 Date  
February 28, 1972

I hereby certify that the information shown on this plat and notes of record are true and correct under my supervision and to the best of my knowledge and belief.

Date  
February 22, 1972  
 Name  
Fred P. Kern, Jr.  
 Certified  
Fred P. Kern, Jr.