

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

2. NAME OF OPERATOR

Astec Oil and 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 & 1020 FWL, Sec. 15-32N-12W

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 WELL18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

7410

20. ROTARY OR CABLE TOOLS

rotary

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

6067 Gr

22. APPROX. DATE WORK WILL START*

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32.75	300'	150 sx
9-7/8"	7-5/8"	26.40	4800'	300 sx
4-1/2"	4-1/2"	10.5# & 11.6#	7410'	600 sx

Propose to:

Drill 15" hole and set 10-3/4" casing at 300' cement w/150 sx
Drill 9-7/8" hole and set 7-5/8" at 4800' cement with 300 sx
Drill 6-3/4" hole to TD 7410, run 4 1/2" liner to TD cement w/600 sx
Perforate and frac Mesaverde and Dakota zones
Run Baker Model "D" production packer
Run 2-3/8" tubing

Proration unit: S/2 of Sec. 15-32N-12W - 320 ac.

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 C. Sauer

TITLE

District Superintendent

DATE

4-11-69

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

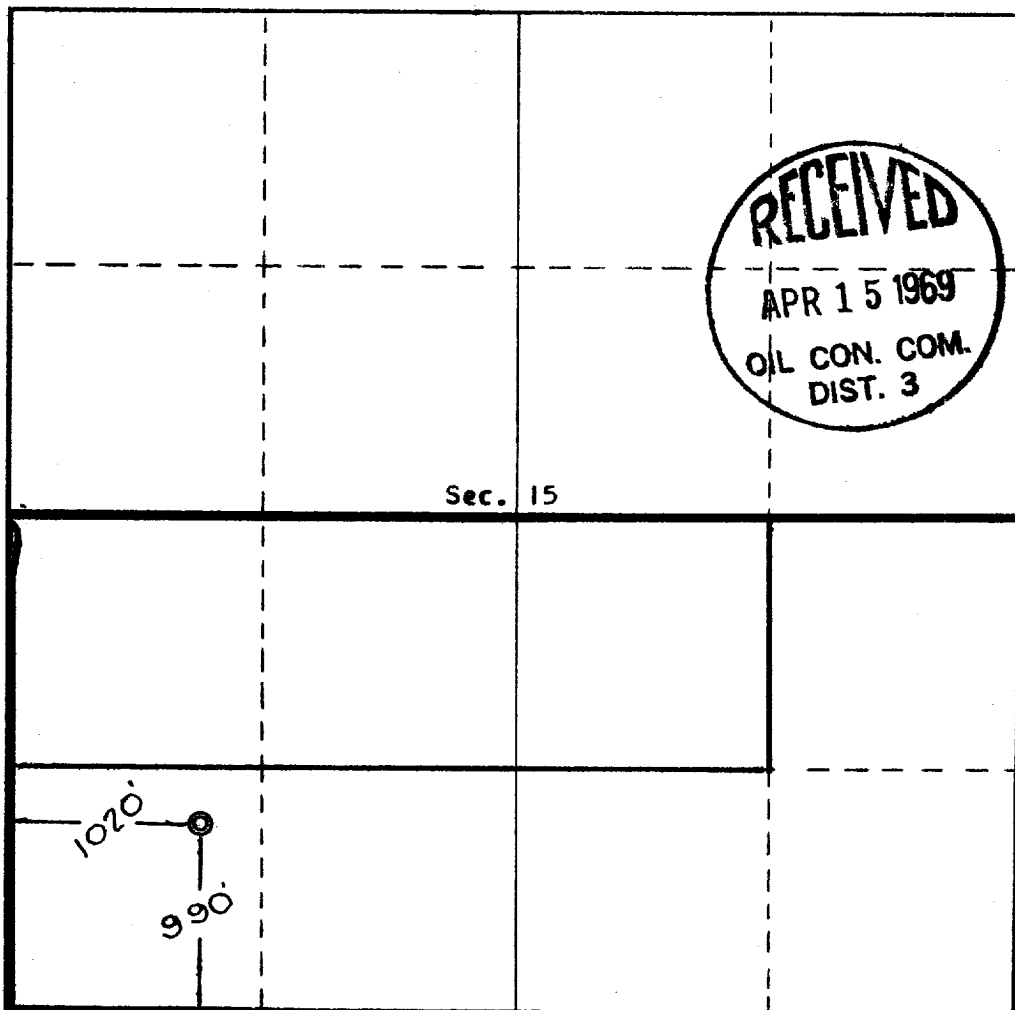
Operator AZTEC OIL & GAS COMPANY			Lease Hubbard		Well No. 4
Unit Letter M	Section 15	Township 32 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 990 feet from the South line and 1020 feet from the West line					
Ground Level Elev. 6067	Producing Formation Mancosense-Dakota	Pool Blanco Mesa Verde-Eastern Dakota	Dedicated Acreage: 200 3/4 Acres		

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 thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation communitized

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, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Name **Joe C. Salmon**
Position **District Superintendent**
Company **Aztec Oil and Gas**
Date **April 11, 1969**

STATE OF NEW MEXICO
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.
REGISTERED LAND SURVEYOR

Date Surveyed **April 1, 1969**
Registered Professional Engineer and/or Land Surveyor

E. J. Carls
Certificate No. **3602**

