

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED

OCT 24 '90

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-26522

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.
NM-4681

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. Name of Operator

ARCO OIL AND GAS COMPANY

3. Address of Operator

Box 1610, Midland, Texas 79702

4. Well Location

Unit Letter K : 1980 Feet From The South Line and 1650 Feet From The West Line

Section 2 Township 19S Range 30E NMPM Eddy County

10. Proposed Depth

3200

11. Formation

Queen

12. Rotary or C.T.

rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3464.6

14. Kind & Status Plug. Bond

statewide blanket

15. Drilling Contractor

NA

16. Approx. Date Work will start

11-5-90

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48	700	430 sx	surface
12 1/4	8 5/8	24	1800	900 sx	surface
7 7/8	5 1/2	15.5	3200	350 sx	1300

Post ID-1
11-2-90
New Loc & APP

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 4/29/91
UNLESS DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Michael W. Gosnell TITLE Engr. Tech. DATE 10/22/90

TYPE OR PRINT NAME Ken W. Gosnell 915/688-5672 TELEPHONE NO.

(This space for State Use) ORIGINAL SIGNED BY

MIKE WILLIAMS

APPROVED BY SUPERVISOR, DISTRICT II

TITLE

OCT 29 1990

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY N.M.O.C.D. IN SUFFICIENT
TIME TO WITNESS CEMENTING THE
13 3/8 + 8 5/8 CASING

Submit to Appropriate
District Office
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Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-142
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
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1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

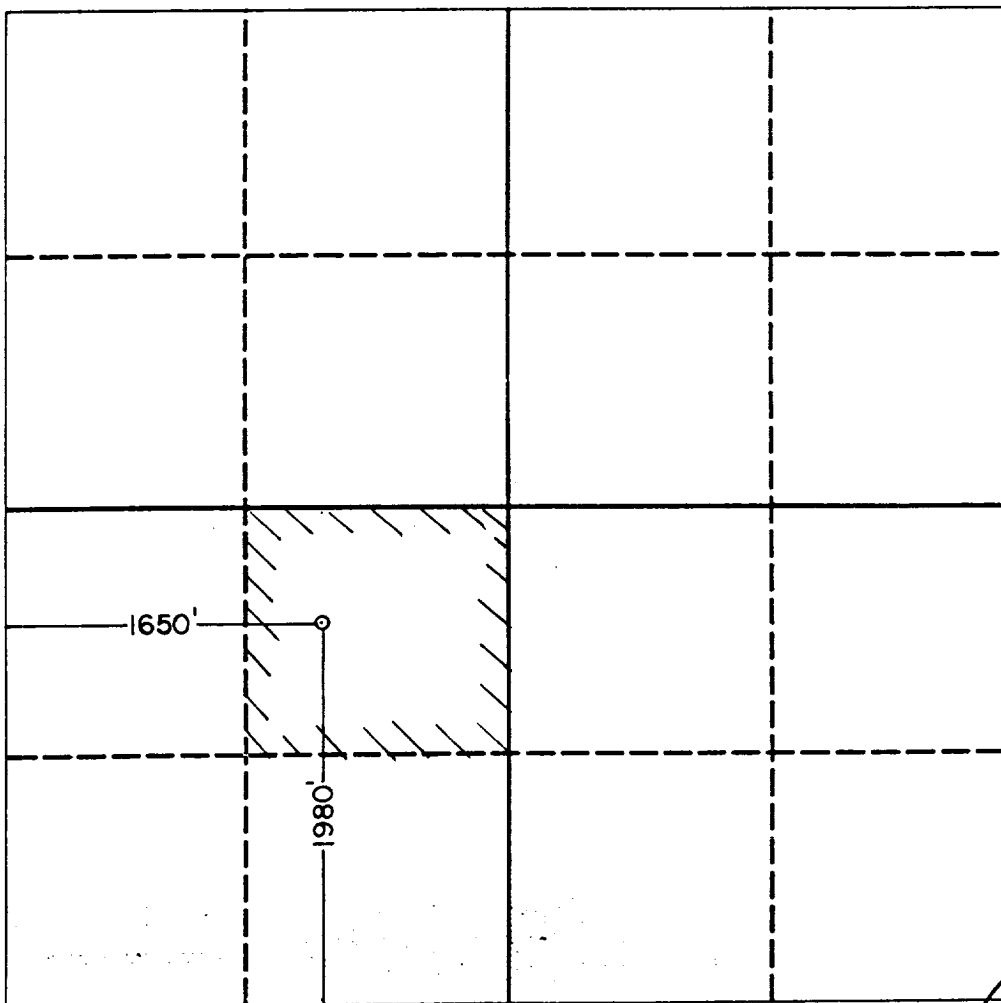
All Distances must be from the outer boundaries of the section

Operator ARCO OIL & GAS CO.			Lease State 2		Well No. 7
Unit Letter K	Section 2	Township 19 South	Range 30 East	County Eddy	NMPM

Actual Footage Location of Well:

1980 feet from the South line and 1650 feet from the West line			
Ground level Elev. 3464.6	Producing Formation Queen	Pool SHUGART	Dedicated Acreage: Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been 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, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Michael W. Gore
Printed Name
MICHAEL W. GORE
Position
Sr. Drilling Engr
Company
ARCO OIL & GAS CO.
Date
10-22-90

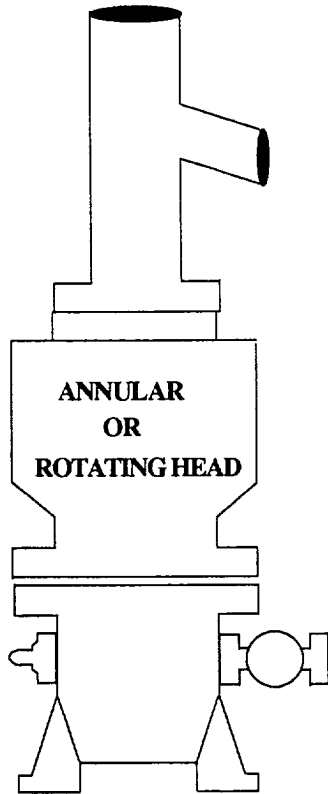
SURVEYOR CERTIFICATION

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.

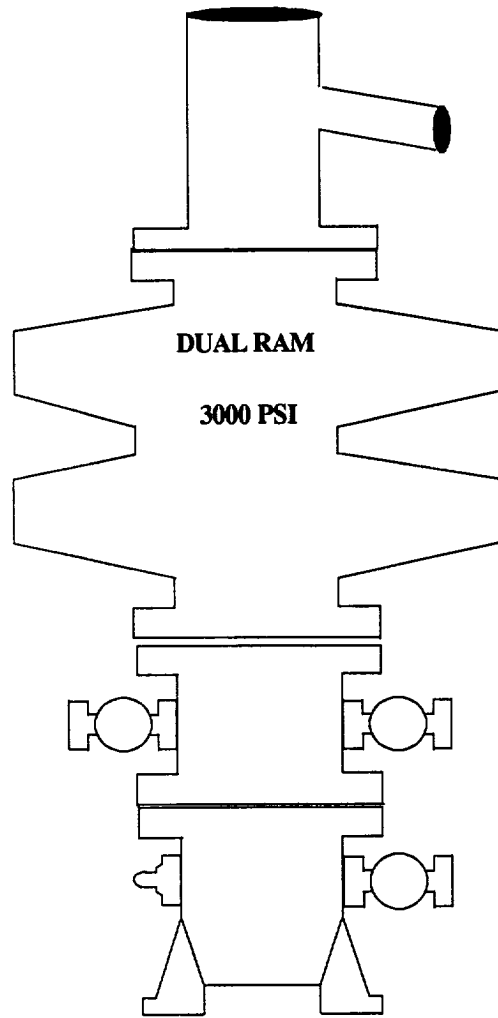
Date Surveyed
October 15, 1990

Signature & Seal of
Professional Surveyor
JOHN W. WEST
576
RONALD J. EIDSON
5239
NEW MEXICO
JOHN W. WEST

STATE 2 # 7
MINIMUM BOP REQUIREMENTS



INTERMEDIATE HOLE



PRODUCTION HOLE

ARCO Oil and Gas Company ♦
Central District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 688 5200

October 22, 1990

Amax Potash Corp.
Attn: Mr. Robert Kirby
Box 279
Carlsbad, NM 88220

Dear Mr. Kirby:

ARCO Oil and Gas Company is applying for a permit to drill our State 2#6 and State 2#7 wells located in section 2-T19S-R30E of Eddy County, New Mexico. As per Oil Conservation rules, ARCO is soliciting waivers of objection from potash miners.

If you as a potash miner have no objection to this application, please indicate by signing below and returning this letter to the above address to my attention.

Sincerely,

Michael W. Gore

Michael W. Gore
Drilling Engineer

Attachments

We hereby do not object to the drilling of State 2#6 or State 2#7.

Potash Miner: AMAX POTASH CORP.

By: Robert J. Kirby

Title: CHIEF MINE ENGINEER

Date: OCT. 23, 1990