

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT LIVING
OFFICE NUMBER
OF COPIES REQUIRED
(Other instructions on
reverse side)

30-025-31303

BLM Roswell District
Modified Form No.
NM60-3160-2

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

WSW

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Chevron USA, Inc

3a. Area Code & Phone No.

915-687-7812

3. ADDRESS OF OPERATOR

P.O. Box 1150 Midland TX 79702 ATTN: Rm 4111

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

At surface

2540' FILL 1220' FUL, SELL, T225, R31E

At proposed prod. zone

Unit E

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

3 mile West of Eunice NM.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

3519.9 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

Capitan Controlled Water Basin

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4	11 3/4	42#	H-40	STHC	1160'	1200 LBS CIRCULATE
11"	8 5/8"	32#	K-55	STHC	4200'	750 LBS

MUD Program:

0 - 1160' FW SPUD MUD

1160 - 5000' 10ppg BW (coring fluid)

BOPE Equipment

3000 psi Working Psi SEE ATTACHED CHEVRON DRAWING.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

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

E.O. Doherty

TITLE

T.A. Delg

DATE

5/31/91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

6-18-91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

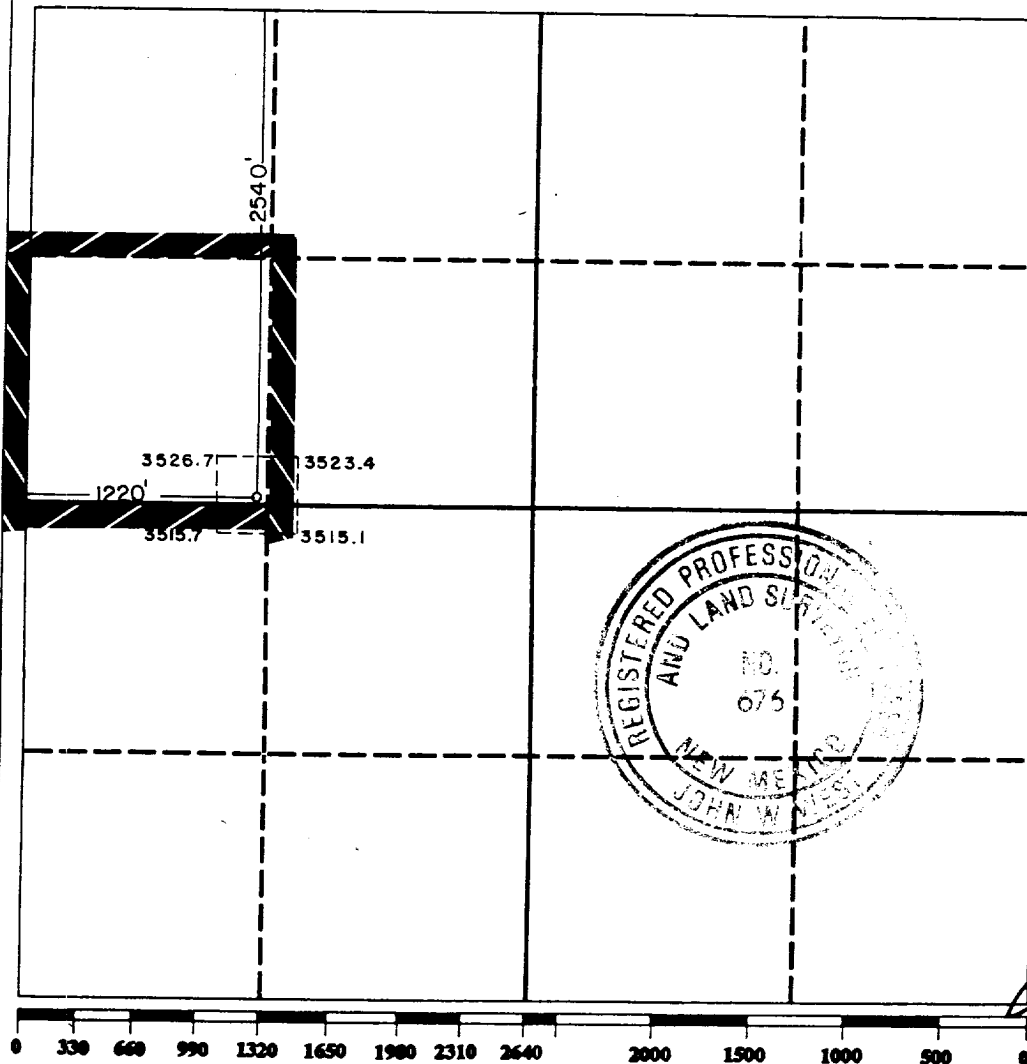
Operator CHEVRON U.S.A. INC.			Lease ARROWHEAD GRAYBURG UNIT WSW		Well No. 601
Unit Letter H	Section 1	Township 22 SOUTH	Range 36 EAST	County LEA	

Actual Footage Location of Well:

2540 feet from the NORTH line and 1220 feet from the WEST line

Ground level Elev. 3519.9	Producing Formation SAN ANDRES	Pool SAN ANDRES Water Supply	Dedicated Acreage: 40 Acres
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- 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 E.O. Doherty
Printed Name E.O. DOHERTY
Position T.A. Dirg
Company CHEVRON USA INC
Date 5/3/91

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 4-26-91
Signature & Seal of Professional Surveyor [Signature]
Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239



Chevron U.S.A. Inc.
P.O. Box 1150, Midland, TX 79702

Permian Basin Production Business Unit

May 6, 1991

Application for Permit to Drill
Proposed Arrowhead Grayburg Unit
Water Supply Well #601
Lea County, New Mexico

Bureau of Land Management
P. O. Box 1778
Carlsbad, NM 88220

Gentlemen:

We are submitting the information requested in NTL-6 which should accompany application for permit to drill.

Well: Arrowhead Grayburg Unit Water Supply Well #601

1. Location: 2540' FNL & 1220' FWL Section 1, T-22-S, R-36-E
Lea County, New Mexico
2. Elevation of unprepared ground: 3,519.9'
3. Geologic Name of Surface Formation: Quaternary-Alluvium
4. Type Drilling Tools: Rotary
5. Proposed Drilling Depth: 5,000'
6. Estimated Top of Geologic Markers:

Yates	2,650'
Queen	3,370'
Penrose	3,475'
Grayburg	3,665'
7. Estimated Depths at which target Formations Expected:

San Andres	3,980' - 5,000'
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