

NMOCD

Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 23, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.
NM-40449

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME WELL NO.
Federal AN 11

9. API WELL NO.
130-025-29088

10. FIELD AND POOL OR WELL NAME
Undesignated Delaware

11. SEC., T., R., M., OR BLM.
AND SURVEY OR AREA
8-18S-32E

12. COUNTY OR PARISH 13. STATE
Lea NM

1a. TYPE OF WORK
Re-entry DRILL ☐ DEEPEN ☐

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

2. NAME OF OPERATOR
Morexco, Inc.

3. ADDRESS AND TELEPHONE NO.
P. O. Box 481, Artesia, NM 88211-0481

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 1980' FSL x 660' FWL
At proposed prod. zone (Unit L, NW/4SW/4)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8 miles south-southwest of Majamar, NM

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. 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.)
3771.5' ~~3177.3~~ GR

23. Existing PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	405'	450 sx class C w/Add
12-1/4"	8-5/8"	32# J K-55	2814'	1200 sx C Lite, 400sx C neat
7-7/8"	5-1/2"	17# N-80, K-55	10607'	1570 sx H w/Add, 400sx H neat cir 95 sx

Propose to drill out plugs to test Delaware formation and cir hole clean to 5500'. If Delaware is non-productive test and complete in Queen. After reaching T, logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production. Proposed perfs are approx. 4700-4750' in Delaware.

BOP Diagram attached.

Original Archaeological Survey done by Amoco is attached.

H2S plan NA due to working within cased hole

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

SIGNED [Signature] TITLE President DATE January 12, 1996

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL IF ANY:

APPROVED BY (ORIG. SIGN) RICHARD L. MARSH TITLE Area Manager DATE 1-22-96

*See Instructions On Reverse Side



Form C-102
Revised February 10, 1994
Instructions on back
Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3D-025-29088		2 Pool Code 65355		3 Pool Name Undesignated Delaware	
4 Property Code 18361		5 Property Name Federal "AN"			6 Well Number 1
7 OGRID No. 015262		8 Operator Name Morexco, Inc.			9 Elevation 3771.5

¹⁰ Surface Location

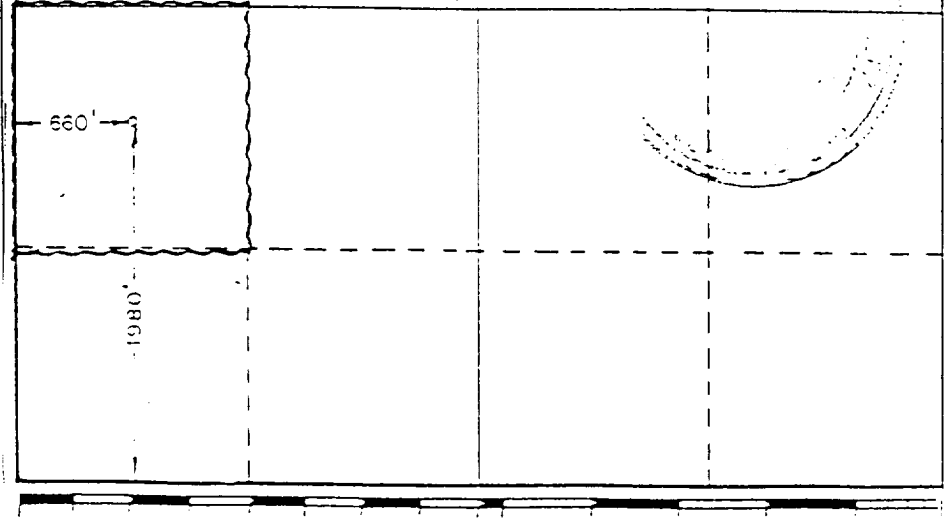
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	8	18S	32E		1980	South	660	West	Lea

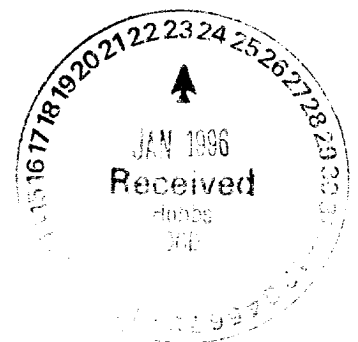
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Deducted Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

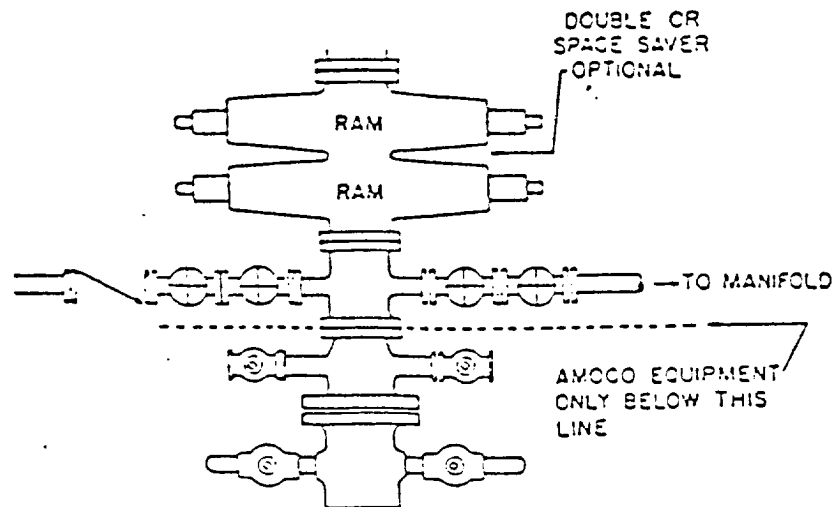
<p>NOTE: AN AREA 800'X600' WAS M-SCOOPED AND NO BURIED PIPELINES WERE FOUND.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Donald G. Becker, Jr.</i></p> <p>Signature Donald G. Becker, Jr.</p> <p>Printed Name President</p> <p>Title January 12, 1996</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plan 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 belief.</p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>Date Surveyed 11/29/84</p> <p>Registered Professional Engineer and/or Land Surveyor</p> <p><i>John W. S.</i></p> <p>Certificate No. JOHN W. S. 576</p>

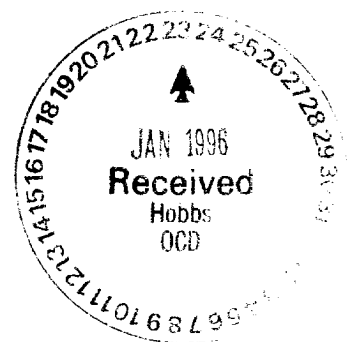


FEDERAL "AN" NO. 1

Blowout Preventer Schematic

3000# W.P. Two-Ram BOP





Attachment to "Application for Permit to Drill", Form 3160-3

1. Location

See attached Form C-102

2. Elevation

See attached Form C-102

3. Geologic name of surface formation.

Loose sand in mounds.

4. Type of drilling tools and associated equipment to be utilized.

Pulling unit and reverse unit.

5. Proposed drilling depth.

5500'

6. Estimated tops of important geologic markers.

Yates	2400
San Andres	4200

7. Estimated depths at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered and plans for protecting such resources.

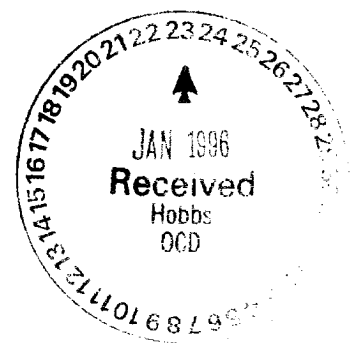
Queen Sand	3690
Delaware Sand	4800

8. Casing program, including size, grade, weight, type of thread and coupling, and setting depth of each string and whether it is new or used.

<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread & Coupling</u>	<u>New or Used</u>
405'	13-3/8"	48#	H-40	ST&C	New
2814'	8-5/8"	32,24#	K-55	ST&C	New
10607'	5-1/2"	17#	N-80	LT&C	New

9. Cementing program and expected linear fill up of each string.

13-3/8"	Circulate to Surface
8-5/8"	Circulate to Surface
5-1/2"	Circulate to Surface



10. Blowout Preventer Program is attached.
11. Fresh water will be the only medium used for drilling cement plugs within 5-1/2" casing.
12. Testing and logging programs to be followed with provisions made for required flexibility.

3000 - 5500' Gamma Ray Collar Locator

13. Any anticipated abnormal pressure or temperatures not expected. Hydrogen sulfide gas, along with plans for mitigating and such hazards, should not be encountered because all drilling and completion will take place within 5-1/2" casing.
14. Anticipated starting date and duration of operation.

Starting date: January 23, 1996 Duration: 30 days

15. Other facets of the proposed operation operator wishes to point out for the Geological Survey's consideration of the application.

This well is a re-entry of a pre-existing well. 5-1/2" casing is set from surface to 10,600'. No new formation will be drilled.

