

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

ORYX ENERGY COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 2880, DALLAS, TX 75221-2880

(214) 715-4828

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

At surface

1450 FSL & 1650 FEL

At proposed prod. zone

1650 FSL & 1650 FEL

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

35 MILES NW OF CARLSBAD

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

1450

(Also to nearest drlg. unit line, if any)

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

1900' NE OF #1

16. NO. OF ACRES IN LEASE

640

17. NO OF ACRES ASSIGNED
TO THIS WELL

640 PRO UNITS

19. PROPOSED DEPTH

7700

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show Whether DF, RT, GR, ETC.)

3971

22. APPROX. DATE WORK WILL START

6/30/95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	K-55 9 5/8	36	2000-1300	400 SX TAILED WITH 250 SX "C" CIRCULATE
8 3/4	K-55 7"	26	7700	275 SX H: TAILED W/ 230 SX "H"

SEE ATTACHED DRILLING PROPOSAL.

ESTIMATED BHP IS 950-975 PSI

ESTIMATED BH TEMP IS 145-155 F.

WELL WILL BE PART OF 640 ACRE PRO GAS UNIT AND WILL SHARE THE ALLOWABLE WITH THE ORIGINAL WELL.

RECEIVED

JUN 26 1995

OIL CON. DIV.
DIST. 2

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.

24.

SIGNED

TITLE

STAFF PRORATION ANALYST

DATE

05/23/95

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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

(CALG. 550) RICHARD L. MANUS

DATE

JUN 21 1995

*See Instructions On Reverse Side

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

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

DISTRICT IV
PO BOX 2088, SANTA FE, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28566	Pool Code 79040	Pool Name INDIAN BASIN UPPER PENN (PRO GAS)
Property Code 008558	Property Name WEST INDIAN BASIN UNIT	Well Number 4
OGRID No. 16587	Operator Name ORYX ENERGY COMPANY	Elevation 3971

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	21 S	23 E		1450	SOUTH	1650	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	21 S	23 E		1650	SOUTH	1650	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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>3973.2' 3965.3'</p> <p>3983.7' 3969.3'</p> <p>DETAIL</p> <p>BOTTOM HOLE</p> <p>1650'</p> <p>1650'</p> <p>1450'</p> <p>SURFACE LOC.</p> <p>SEE DETAIL</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature</p> <p>ROD L. BAILEY</p> <p>Printed Name</p> <p>STAFF PRORATION ANALYST</p> <p>Title</p> <p>05/24/95</p> <p>Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>MAY 10 1995</p> <p>Date, Surveyed</p> <p></p> <p>Signature & Seal of Professional Surveyor</p> <p>W.O. Num. 95-81-0753</p> <p>W.O. Num.</p> <p>JOHN W. WEST 676</p> <p>CERTIFIED BY</p> <p>RONALD J. EIDSON 3239</p> <p>CARY EIDSON 12641</p>

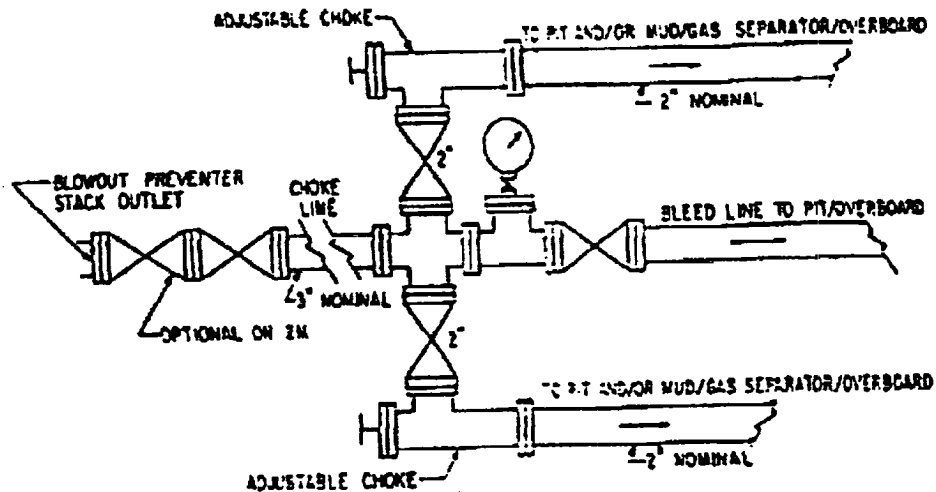


FIG. 3.A.1
EXAMPLE CHOKE MANIFOLD ASSEMBLY
FOR 2M AND 3M RATED WORKING
PRESSURE SERVICE — SURFACE INSTALLATION

3000 psi WP
1300' TD

3000 psi WP
1350' - 7700' TD

