

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

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

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

API NO. (assigned by OCD on New Wells)

30-025-06899

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☒

7. Lease Name or Unit Agreement Name

V. Linam

2. Name of Operator

Oryx Energy Company

8. Well No.

2

3. Address of Operator

P. O. Box 1861, Midland, TX 79702

9. Pool name or Wildcat

Paddock (Paddock)

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East Line

Section 29 Township 21-S Range 37-E NMPM Lea County

10. Proposed Depth
6670'

11. Formation
Glorieta

12. Rotary or C.T.

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

3475' GR

14. Kind & Status Plug. Bond
Statewide

15. Drilling Contractor

16. Approx. Date Work will start
Upon approval

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	13 3/8"	35#	315'	300 sxs	Surf.
	9 5/8"	36#	2845'	100 sxs	Surf.
	7"	23#	6521'	250 sxs	4900'
				340 sxs	3848'-2730'

Deepen within casing and recomplete from the
Penrose Skelly Grayburg to the Paddock (Paddock) Pool.

This well also produces from the Drinkard, open hole 6521-6670'

1. MIRU PU. NU BOP. POH W/ RODS & PUMP FROM BOTH STRINGS. RLSE
PARALLEL ANCHOR LATCH FROM UT. POH & LD UT. RLSE PARALLEL
ANCHOR AND LOK-SET PKR. POH & LD LT.

2. PU 2-7/8" WS. RIH W/ 7", 23# RBP, RDG PKR, & SN ON 2-7/8" WS.
SET RBP @ +-5550' & TEST TO 3000 PSI. SPOT 2 SX SD ON TOP. POH.

3. RIH W/ 7", 23# CICR ON 2-7/8" WS & SET @ 3600'. EIR THRU PERFS
3689-3808' & SQZ W/ 150 SX CMT. STING OUT OF CICR & POH. WOC.

(Cont. Page 2)

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 Maria L. Perez TITLE Proration Analyst DATE 3-22-91

TYPE OR PRINT NAME Maria L. Perez TELEPHONE NO. 915/688-0375

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

4. RIH W/ 6-1/4" RB & 6 - 4-3/4" DC'S ON 2-7/8" WS. DO CICR & CMT. CIRC HOLE CLN. TEST SQZ TO 1000 PSI. SWB FL TO 3600' & DIFFERENTIAL TEST SQZ. RE-SQUEEZE AS NECESSARY. POH.
5. RU HLS. RUN CBL OVER SQZD INTERVAL. PRESSURE UP ON CSG TO 1000 PSI & RUN CBL 5500-2500'.
6. BLOCK SQZ AS DIRECTED BY ENGINEERING.
7. HLS PERF GLORIETA 5104-14', 20-30', 38-49', 54-63', 82-92', & 5234-46' BY PGAC GR-NEUTRON LOG DATED 5-31-60 W/ 4" HSC, JRC 23 GC, 2 JSPF, 124 HOLES.
8. RU DS. RIH W/ 7", 23# PPI TOOL W/ SV & SCV ON 2-7/8" WS TO 5260'. SET TOOL & TEST TBG TO 3000 PSI. SPOT 400 GAL 15% NEFE HCL ACROSS PERFS. RAISE & SET PPI TOOL ACROSS 5234-46' INTERVAL. PRES ANNULUS TO 500 PSI. ACDZ PERFS W/ 600 GAL 15% NEFE HCL @ 4 BPM. MP 3000 PSI. ACDZ EACH OF REMAINING 5 GLORIETA INTERVALS W/ 600 GAL 20% NEFE HCL USING THE SAME PROCEDURE. PUMP SMALL AMOUNT OF LSE WTR BETWEEN STGS AS NECESSARY TO CLEAR SURFACE LINES WHILE RAISING TOOL TO NEXT INTERVAL. FLUSH LAST INTERVAL W/ LSE WTR TO BTM PERF + 5 BBL OVERFLUSH.
9. RAISE & SET PPI TOOL @ +-5050'. FISH SCV. FISH SV. FLOW & SWB BACK L&AW UNTIL MOST OF LOAD IS RECOVERED AND WELL CLEANS UP. CONTINUE SWB TESTING AS NECESSARY FOR EVALUATION. IF THE GLORIETA PROVES TO BE UNECONOMIC, WAIT ON SUPPLEMENTARY PROCEDURE TO TEST ANOTHER ZONE UPHOLE.
10. RLSE PPI TOOL. POH & LD 2-7/8" WS. RIH W/ SN & LOK SET PKR ON 2-3/8" TBG. SET PKR @ +-6462'. SET PARALLEL ANCHOR @ +-5300'. RIH W/ UT BHA AS BEFORE ON 2-3/8" TBG. LATCH INTO PARALLEL ANCHOR. ND BOP. NU WH. RIH W/ LT RODS & PUMP AS BEFORE. SPACE OUT & HANG ON. RIH W/ UT RODS & PUMP AS DIRECTED BY ENGINEERING. SPACE OUT & HANG ON. RR. POP.

WELL COMPLETION SKETCHES SUN-5036-4-A

WELL

V. Linam #2

FIELD

Paddock (Glorieta)

DATE

3-6-90

☐ PRESENT COMPLETION☒ SUGGESTED COMPLETION

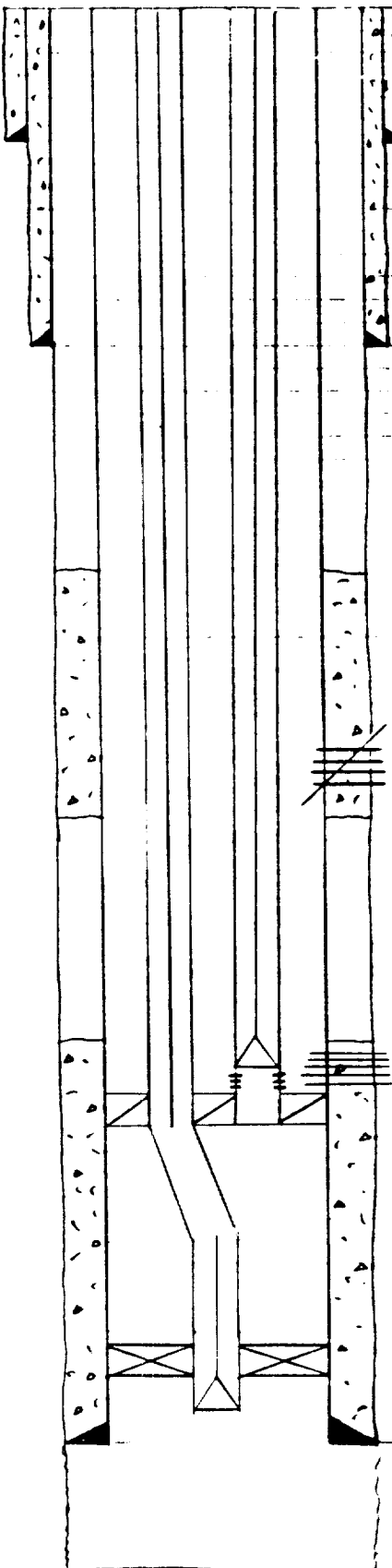
PERMANENT WELL BORE DATA

KB: 3485'

GL: 3475'

13 $\frac{3}{8}$ " 35# CS 315', Cmt'd
w/ 300 SX, Circ9 $\frac{5}{8}$ " 36# CS 2845',
Cmt'd w/ 100 SX, CircPerf 4-Way Sqz Hole @
3848' & 5824' w/ 340 SX
in 3 Stgs. TOC 2730'
(Temp)

TOC 4900' (Calc)

7", 23# CS 6521',
Cmt'd w/ 250 SX

TD 6670'

DATA ON THIS COMPLETION

UT: 23 $\frac{1}{2}$ " 47# J-55 TBSN \pm 5263'PR \pm 5264'MA \pm 5268'

Parallel Anchor Latch

w/ Flat Steel Plug on

Btm @ \pm 5300'TS \pm 5301'Rod String & Pump (Grad
& Size to be determined
from swb tests)Perf Grayburg 3689-3808
(112 Holes), Sqz'd w/
150 SXPerf Glorieta 5104-19', 20-30,
38-49', 54-63', 82-92', 523'
46', 124 HolesLT: 23 $\frac{1}{2}$ " TBg

Lok-Set PKR @ 6962

SN 6965'

Rod String

(Operated by Chevron
as CDU #106)

OH 6521-6670' (Drinka

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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

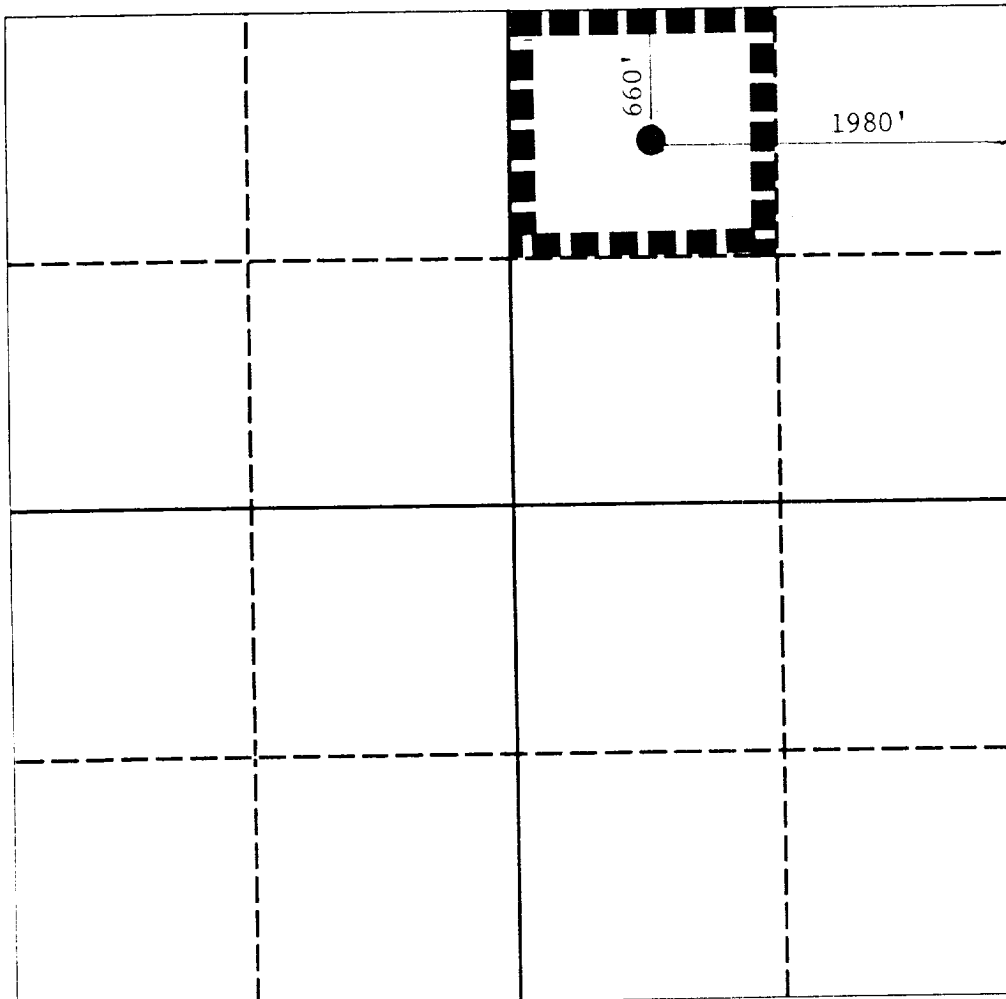
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Oryx Energy Company			Lease V. Linam		Well No. 2
Unit Letter B	Section 29	Township 21-S	Range 37-E	County NMPM Lea	
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the East line					
Ground level Elev. 3475'	Producing Formation Glorieta		Pool Paddock (Paddock)		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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
Maria L. Perez
Printed Name
Proration Analyst
Position
Oryx Energy Company
Company
3-22-91
Date

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
Signature & Seal of Professional Surveyor

Certificate No.

