

1. OPER. GRID NO. 7377
PROPERTY NO. 22080
POOL CODE 96434
DEPARTM. EFF. DATE 11/14/97
BUREAU AP. NO. 30-225-3419

LOCATE*
(Hole 92
or)

FORM APPROVED
OMB NO. 1004-0134
Expires: February 23, 1995

APPLICATION FOR...

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐
b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
Enron Oil & Gas Company
3. ADDRESS AND TELEPHONE NO.
P. O. Box 2267, Midland, Texas 79702 (915) 686-3714

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1826' FNL & 990' FWL
At proposed prod. zone
1826' FNL & 990' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
24 miles west from Jal

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest driz. unit line, if any)
990
330
16. NO. OF ACRES IN LEASE
1440
17. NO. OF ACRES ASSIGNED TO THIS WELL
40
18. PROPOSED DEPTH
12,600
19. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3509' GR

5. LEASE DESIGNATION AND SERIAL NO.
NM 19858
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARMOR LEASE NAME WELL NO.
Triste Draw 35 Federal #1
9. AP. WELL NO.
10. FIELD NO. OR NAME
Wildcat Bone Spring
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec 35, T24S, R33E
12. COUNTY OR PARISH
Lea
13. STATE
NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14-3/4	H-40 A ST&C	42# 11-3/4"	650	250 sacks CIRCULATED
11	J-55 LT&C	32# 8-5/8"	5200	1350 sacks CIRCULATED
7-7/8	S-95 & P-110 LT&C	17# 5-1/2"	12600	735 sx TOC est at 7500'

The Undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on leased land or portions thereof as shown below:

NM 19858
Triste Draw 35 Federal #1
Federal Bond # is MT 0748 with endorsement to New Mexico

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 Betty Gildon TITLE Regulatory Analyst DATE 10/7/97

(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 Acting TITLE GENERAL DATE 10/7/97

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number 30-025-34192	'Pool Code 96434	'Pool Name N Red Hills Wildcat Bone Spring
'Property Code	'Property Name TRISTE DRAW "35" FEDERAL NO. 1	'Well Number 1
'OGRID No. 7377	'Operator Name ENRON OIL & GAS COMPANY	'Elevation 3509

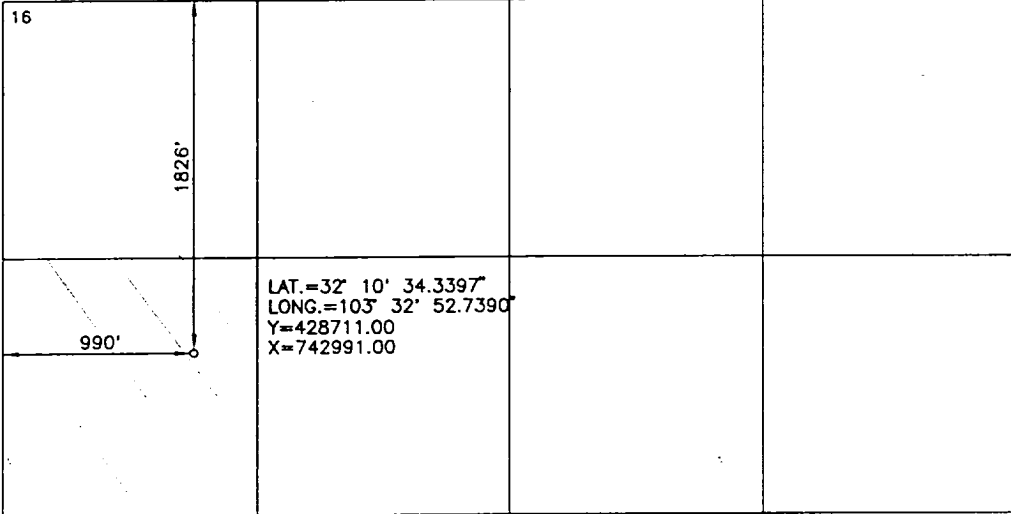
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	35	24-S	33-E		1826	NORTH	990	WEST	LEA

¹¹ 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
'Dedicated Acres 40		'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

16 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Betty Gildon</i> Signature Betty Gildon Printed Name Regulatory Analyst Title 10/7/97 Date	
	18 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 best of my belief. SEPTEMBER 23, 1997 Date of Survey Signature and Seal of Professional Land Surveyor: <i>Earl Footen</i> 8278 Certificate Number 8278	

DRILLING PROGRAM

ENRON OIL & GAS COMPANY
TRISTE DRAW 35 FEDERAL NO. 1
1826' FNL & 990' FWL
Sec 35, T24S, R33E
Lea County, New Mexico

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Rustler	850'
Delaware Mountain Group	5170'
3rd Bone Spring Sand	12250'
TD	12600'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	100'	Fresh Water
3rd Bone Spring Sand	12250'	Gas

4. CASING PROGRAM:

Hole Size	Interval	OD CSG	Wt Grade Jt. Cond. Type
14-3/4"	0 - 650'	11-3/4"	42# H-40 A ST&C
11"	0 - 5200'	8-5/8"	32# J-55 LT&C
7-7/8"	0 - 12600'	5-1/2"	17# S-95 6000' & P-110 LT&C 6600'

Cementing Program:

11-3/4" Surface Casing: Cement to surface with 250 sx of Class C + 2% CaCl₂ + 1/4# Flocele.

8-5/8" Intermediate: Cement to surface with 1150 sx Prem 50/50, 10% gel, 8#/sx salt, 1/4#/sx Flocele and 200 sx Prem 2% CaCl₂.

5-1/2" Prod. Casing: Cement with 735 sx 50/50 C1 H/poz + 2% gel + .4% CF-14, .1% Diacel LWL. This cement slurry is designed to bring TOC to 7500'.

TRISTE DRAW 35 FEDERAL NO. 1

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The blowout preventer equipment shown in Exhibit #1 will consist of a double ram-type (5000 psi WP) preventer and an annular preventer (5000 psi WP). Units will be hydraulically operated and the ram-type will be equipped with blind rams on top and drill pipe rams on bottom. All will be installed on the 11-3/4" surface casing and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 600 psi before drilling out of surface casing. Before drilling out of intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000 psi and the annular to 70% of rated working pressure (3500 psi).

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. The checks will be noted on the daily tour sheets. A 2" kill line and 4" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 5000 psi WP rating.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

The well will be drilled to TD with a combination of Brine, cut brine, and polymer/KCL mud system. The applicable depths and properties of this system are as follows:

<u>Depth</u>	<u>TYPE</u>	<u>Weight (ppg)</u>	<u>Viscosity (sec)</u>	<u>Waterloss (cc)</u>
0- 650'	Fresh Water (spud)	8.5	40-45	N.C.
650-5200'	Brine Water	10.0	30	N.C.
5200'-TD	Cut Brine & Polymer/KCL	8.8-9.2	28	N.C.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) A mud logging unit complete with H₂S detector will be continuously monitoring drilling penetration rate and hydrocarbon shows from 2000' to TD.

ENRON OIL & GAS COMPANY
TRISTE' DRAW 35 FEDERAL NO. 1

ATTACHMENT I

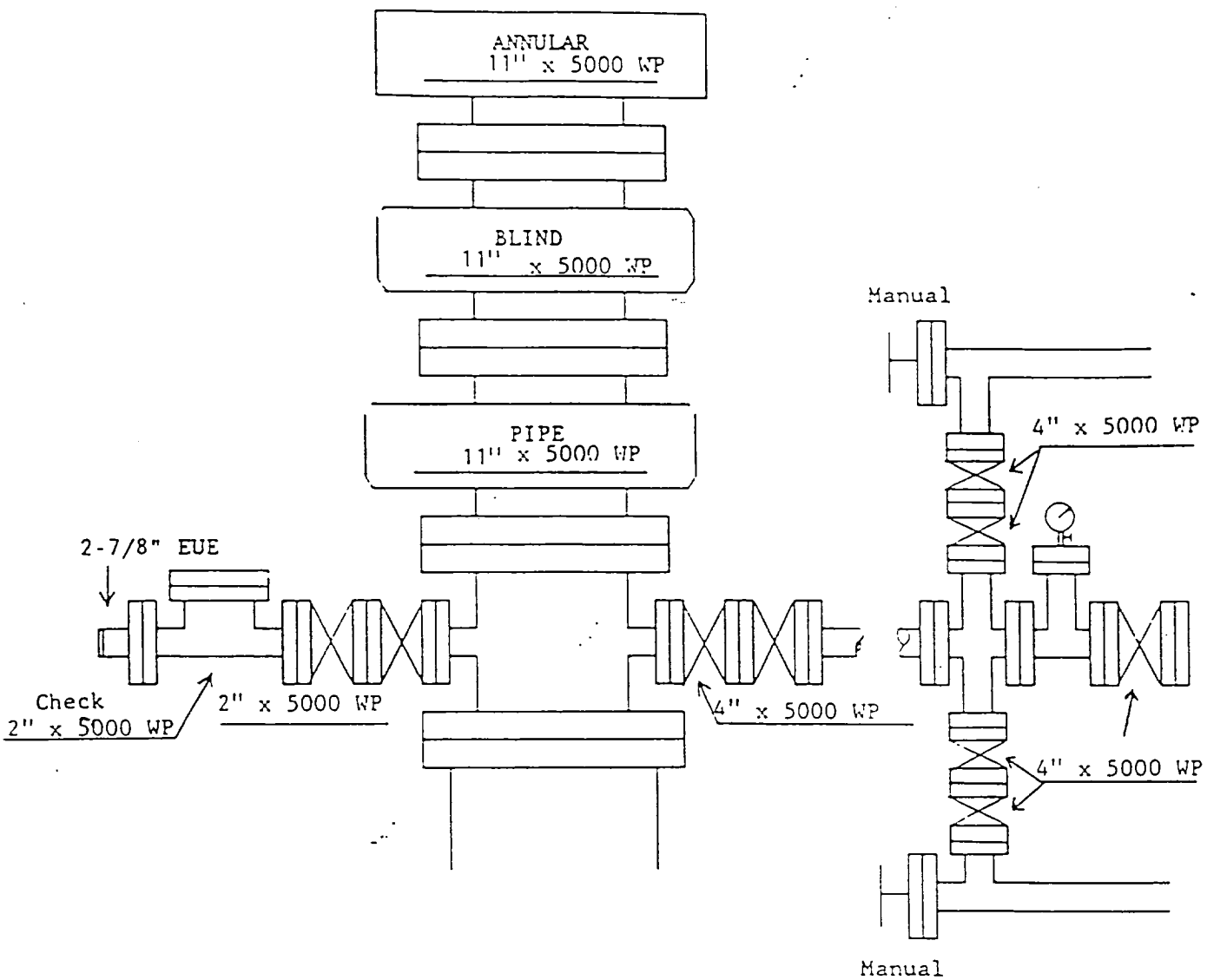
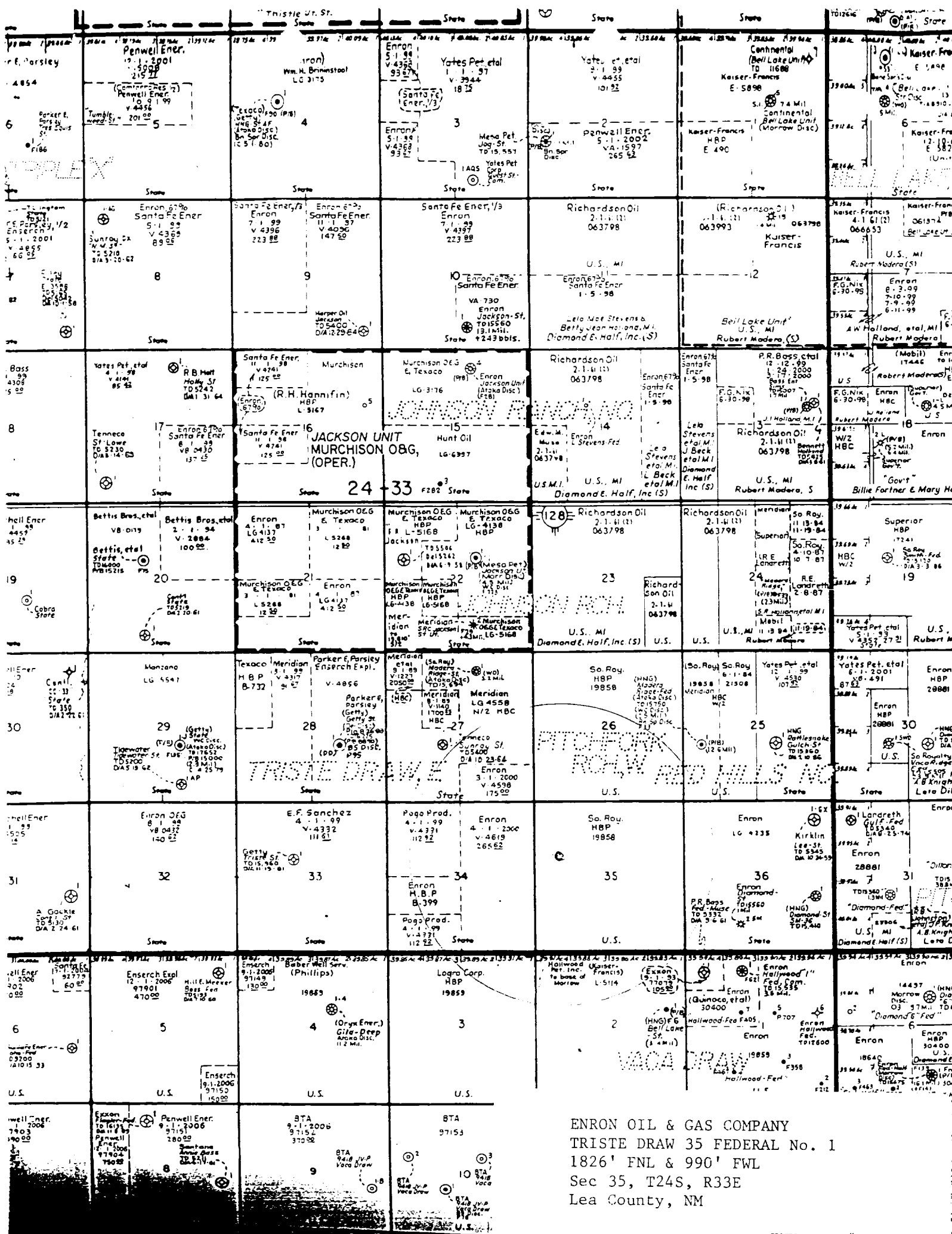


EXHIBIT #1



ENRON OIL & GAS COMPANY
TRISTE DRAW 35 FEDERAL NO. 1
1826' FNL & 990' FWL
Sec 35, T24S, R33E
Lea County, NM