Form 3160-3
(July 1992)

OPER. OGRID NO. 147404
PROPERTY NO. 20863
POOL CODE
EFF. DATE 5/21/97
API NO. 30-025-33976

UNIT
DEPARTMENT
BUREAU OF

PLICATE*
ons on
side

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PE

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
COBRA OIL & GAS CORPORATION (RORY EDWARDS)

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 8206 WICHITA FALLS, TEXAS 76307 Ph. 817-[illegible]

RECEIVED
APR 22 '97
BLM
ROSWELL, NM

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
651' FNL & 975' FEL SEC. 24 T9S-R37E LEA CO. NM
At proposed prod. zone SAME Unit A

5. LEASE DESIGNATION AND SERIAL NO.
NM-080255

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
---

7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME, WELL NO.
AIKMAN "24" FEDERAL # 1

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
WILDCAT-DEVONIAN

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 24 T9S-R37E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 15 miles East of Cross Roads New Mexico

12. COUNTY OR PARISH
LEA CO.

13. STATE
NEW MEXICO

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
651'

16. NO. OF ACRES IN LEASE
80

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
330'

19. PROPOSED DEPTH
12,500'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3966' GR.

22. APPROX. DATE WORK WILL START*
As soon as approved

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surfacewith Redi-mix.
17½"	H-40 13 3/8"	48	400'	500 Sx. Circ[illegible] surface
12¼"	K-55 9 5/8"	36 & 40	4200'	1700 Sx.
8 3/4"	L-80 5½"	17 & 20	12,500'	750 Sx. estimate top cement 9500'

WITNESS
WITNESS " "

1. DRILL 25" hole to 40'. Set 40' of 20" conductor and cement to surface with Redi-mix.

2. Drill 17½" hole to 400'. Run and set 400' of 13 3/8" H-40 48# ST&C casing. Cement with 500 Sx. Premium Plus Class "C" + 2% CaCl, circulate cement to surface.

3. Drill 12¼" hole to 4500'. Run and set 4200' of 9 5/8" K-55 36 & 40# ST&C casing. Cement with 1400 Sx of Halco Light premium cement + 5#salt/Sx. + ¼#flocele/Sx., tail in with 300 Sx. premium cement + 2% CaCl, circulate cement to surface.

4. Drill 8 3/4" hole to 12,500'. Run and set 12,500' of 5½" L-80 17 & 20# LT&C and Buttress thread casing. Cement with 750 Sx. of 50/50 POZ + 3# salt/Sx. + .4% CFR-2 + .6% Halad-9. Estimate top of cement 9500'.

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 Joe T Janica TITLE Agent DATE 04/20/97

(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 (ORIG. SGD.) TONY L. FERGUSON TITLE ADM, MINERALS DATE 5-15-97

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-33976		WILDCAT - DEVONIAN

Property Code	Property Name	Well Number
20863	AIKMEN FEDERAL 24	1

OGRID No.	Operator Name	Elevation
147404	COBRA OIL & GAS CORPORATION	3966

Surface Location

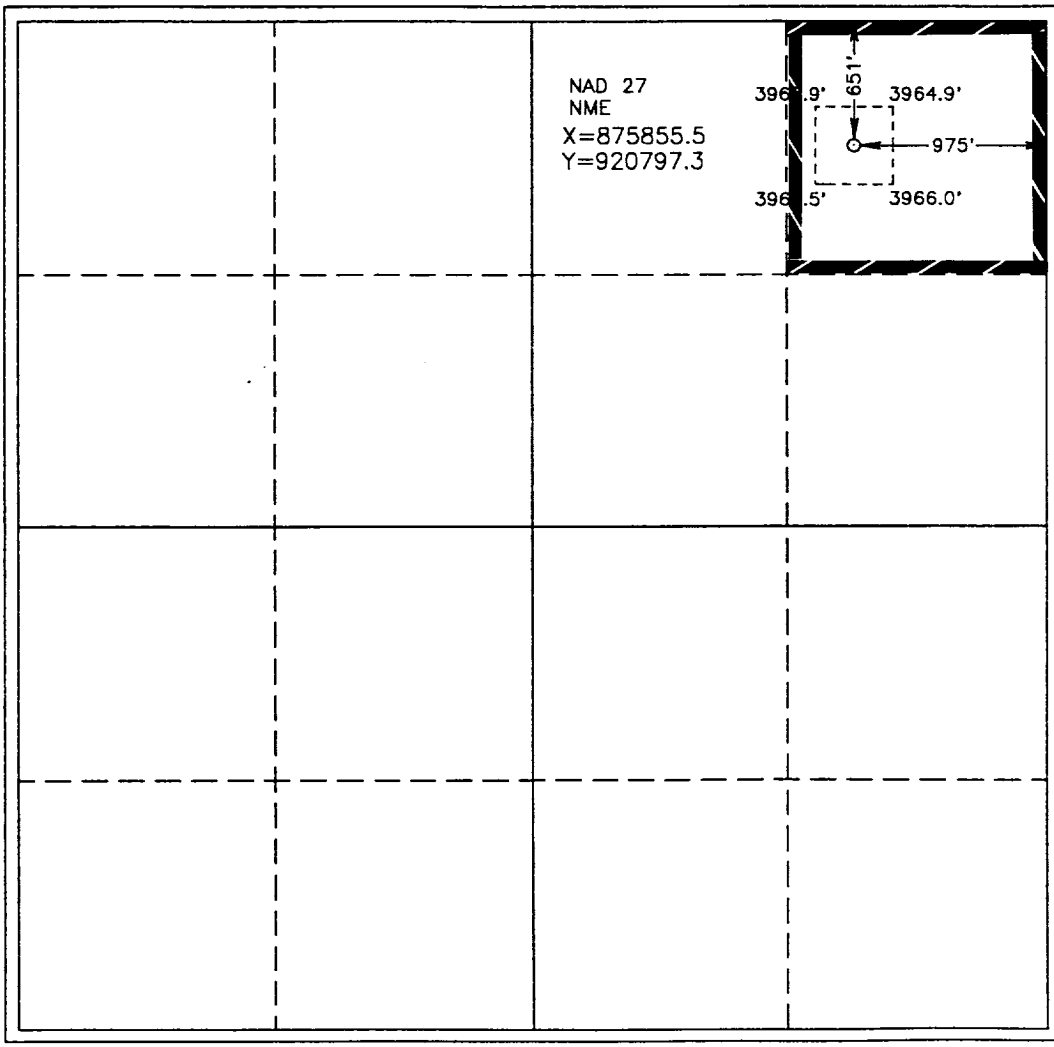
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	9 S	37 E		651	NORTH	975	EAST	LEA

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	Joint or Infill	Consolidation Code	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



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Joe T. Janica
Printed Name

Agent
Title

04/20/97
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 supervison, and that the same is true and correct to the best of my belief.

APRIL 8, 1997

Date Surveyed JLP

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR

4-10-97

W.O. Num. 97-11-0597

Certificate No. JOHN W. WEST. 676
RONALD J. EIDSON. 3239
GARY G. EIDSON. 12641

APPLICATION TO DRILL

COBRA OIL & GAS CORP.
AIKMAN "24" FEDERAL #1
UNIT "A" SECTION 24
T9S-R37E LEA CO. NM

In response to questions asked under Section II B of Bulletin NTL-6, the following information is provided for your consideration:

1. Location: 651' FNL & 975' F#L SEC. 24 T9S-R37E LEA CO. NM
New Mexico

2. Elevation Above Sea Level: 3966' GR.

3. Geologic Name of Surface Formation: Quaternery Aeolian Deposits

4. Drilling Tools and Associated Equipment: Conventional rotary drilling rig using mud for the circulation medium.

5. Proposed Drilling Depth: 12,500'

6. Estimated Geological Marker Tops:

Rustler anhydrite	2140'	Wolfcamp	8920'
Queen	3560'	Strawn	10480'
San Andres	4080'	Mississippian	11490'
Glorieta	5580'	Woodford	11850'
Abo	7680'	Devonian	11930'

7. Possible Mineral Bearing Formation:

San Andres	Oil	Strawn	Oil
Glorieta	Oil	Devonian	Oil
Wolfcamp	Oil		

8. Casing Program:

Hole Size	Intreval	OD Csg	Weight	Thread	Collar	Grade	Cond.
25"	0-40	20"	Conductor	NA	NA	NA	New
17½"	0-400'	13 3/8"	48	8-R	ST&C	H-40	New
12¼"	0-4500'	9 5/8"	36-40	8-R	ST&C	K-55	New
8 3/4"	0-12500-	5½"	17-20	8-R & Butt.	LT&C	L-80	New

9. Cementing and Setting Depth:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
13 3/8"	Surface Casing	Set 400' of 13 3/8" 48# H-40 ST&C casing. Cement with 500 Sx. Premium Plus cement + 2% CaCl circulate cement to surface.
9 5/8"	Intermediate Casing	Set 4200' of 9 5/8" 36&40# J-55 ST&C casing. Cement with 1400 Sx. of Halco Light Premium Plus cement + 5# Salt/Sx. + ¼# Flocele/Sx. tail in with 300 Sx. Premium cement +2% CaCl circulate cement to surface.
5½"	Production Casing	Set 12500' of 5½" 17&20# LT&C & Buttress L-80 casing. Cement with 750 Sx. of 50/50 POZ + 3# Salt/Sx. + .4% CFR-2 +.6% Halad-9. Estimated top of cement 9500'.

10. Pressure Control Equipment: Exhibit "E". A 1500 Series 5000 PSI working pressure B.O.P. consisting of a double ram type preventor with a bag type annular preventor. BOP un-t will be hydraulically operated. Exhibit "E-1". Choke manifold and closing unit. BOP will be nippled up on 13 3/8" casing and will be operated at least once each 24 Hr. period while drilling and blind rams will be operated when out of hole during trips. Flow sensor, PVT, full opening stabbing valve and upper kelly cock will be utilized. No abnormal pressure or temperature is expected while drilling.

11. Proposed Mud Circulating System:

Depth	Mud Wt.	Visc.	Fluid Loss	Type Mud
40-400'	8.4-8.8	36-38	NC	Fresh water spud mud using paper for seepage control.
400-4200'	8.4-10.2	32-34	25-40 cc	Fresh water going to brine, use brine for makeup + 3-8% oil use paper for seepage & starch for water loss control.
4200-7500'	9.1-9.3	28-30	NC	Use Cut brine
7500-10500'	9.1-9.3	36-38	30cc or less	Cut brine salt Gel & Starch for viscosity & water loss control
10500-12500'	9.1-9.3	38-42	less than 10cc	Cut brine salt Gel & starch for viscosity 7 water loss control

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, unexpected kiks. In order to run DST'S, open hole logs, and casing the viscosity and water loss may have to be adjusted to meet these needs.

12. Testing, Logging and Coring Program:

A. Mud logger on form 4200' to TD.

B. Dual Laterlog/BHC Sonic/Gamma Ray/Caliper from TD to intermediate casing.

C. LDT/CNL/Gamma Ray/Caliperminimum run.

D. Cased hole correlation log over pay sections.

D. DST's as deemed necessary.

13. Potential Hazards:

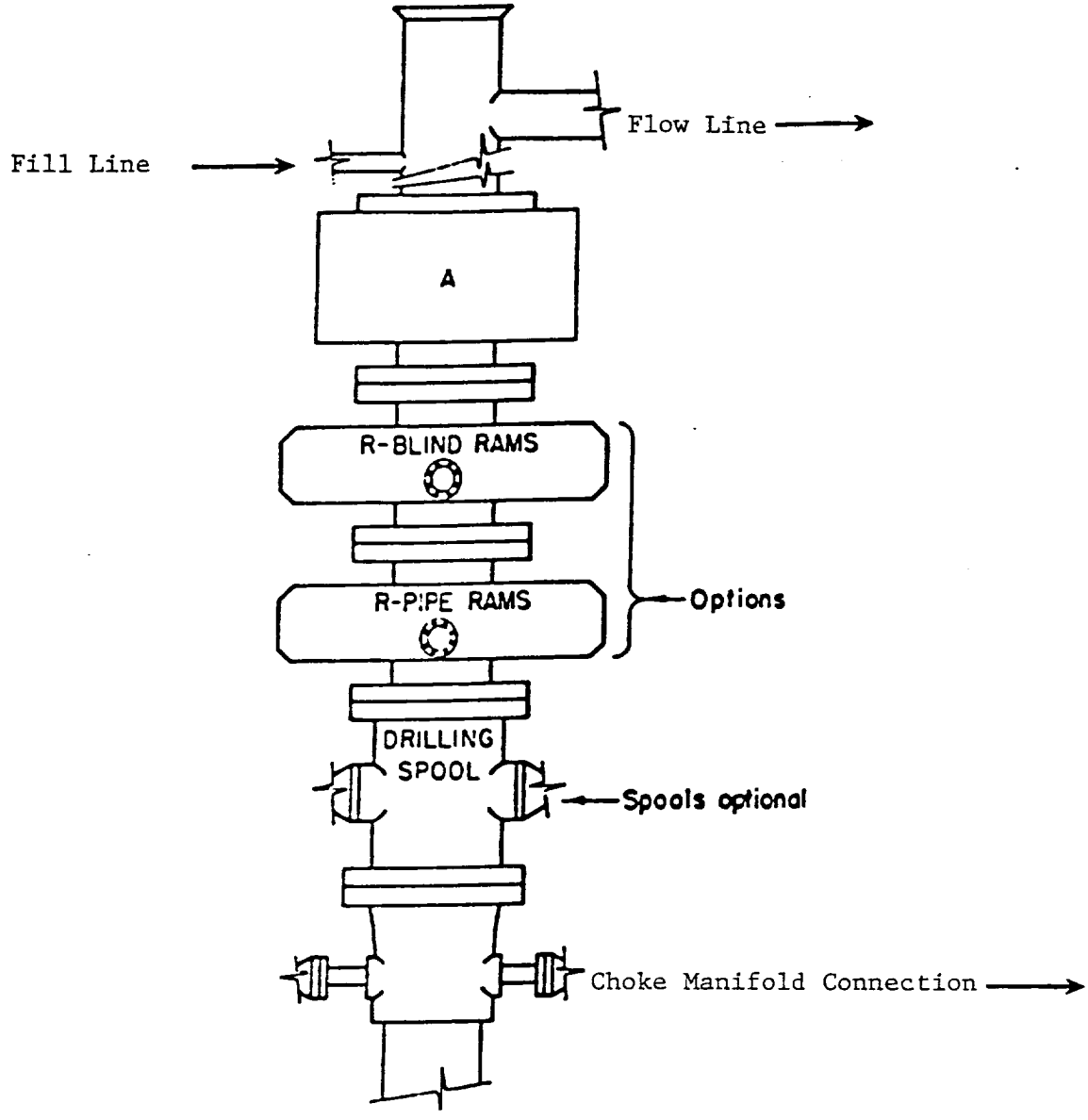
No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H_2S detectors will be in place to detect any presence. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used. Estimated BHP 6000 PSI, estimated BHT 190° .

14. Anticipated Starting Date and Duration of Operation:

Road and location construction will begin after BLM approval of APD. Anticipated spud date as soon as approved. Drilling expected to take 75-90 days. If production casing is run an additional 30 days will be required to complete and construct surface facilities.

15. Other Facets of Operations:

After running casing, cased hole gamma ray neutron collar logs will be run from total depth over possible pay intervals. The Devonian pay will be perforated and stimulated. The well will be swab tested and potentialed as as an oil well.



ARRANGEMENT SRRA

1500 Series
5000 PSI WP

EXHIBIT "E"
B.O.P. SKETCH TO BE USED ON

COBRA OIL & GAS CORP.
AIKMAN "24" FEDERAL #1
UNIT "A" SECTION 24
T9S-R37E LEA CO. NM

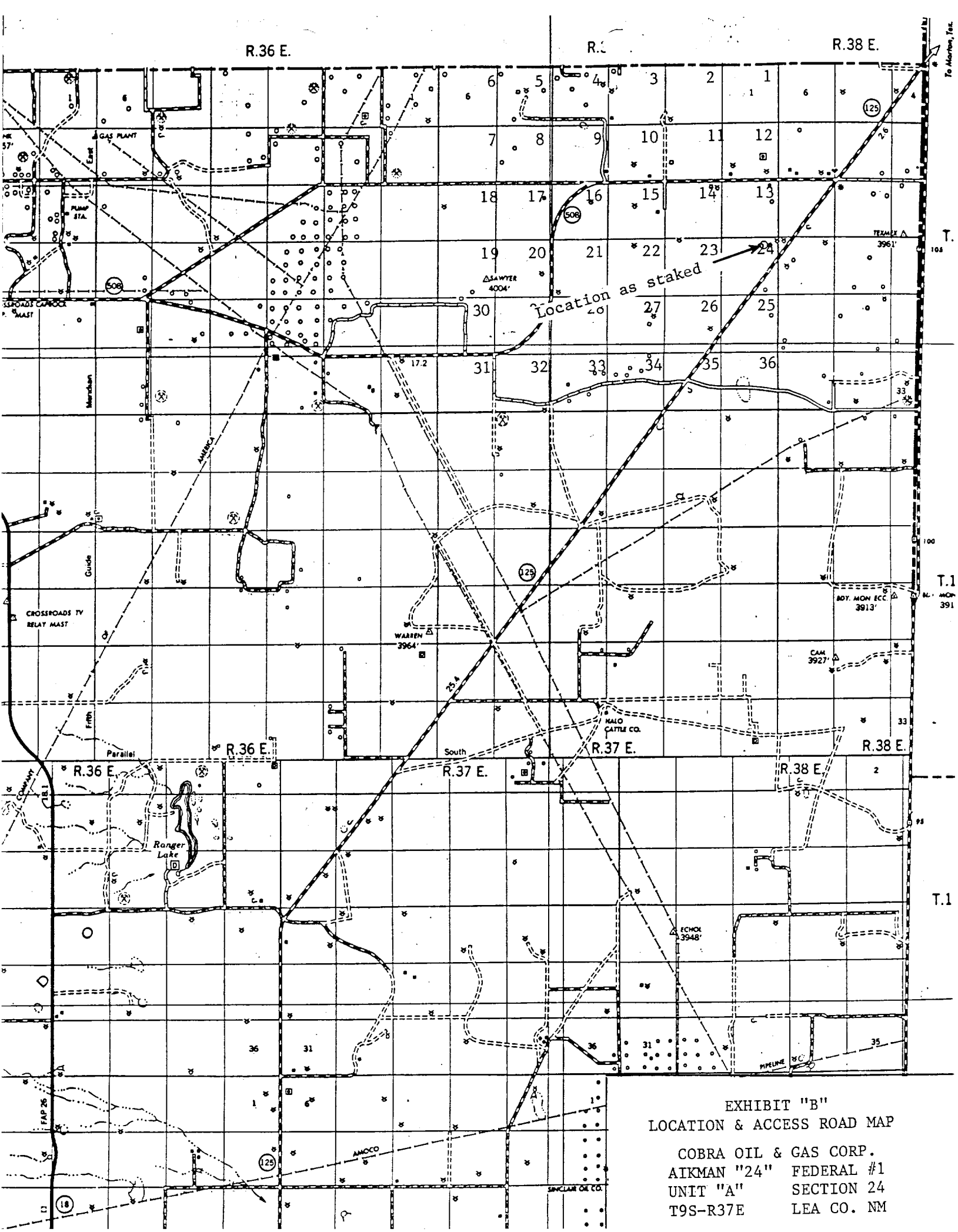


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

COBRA OIL & GAS CORP.
AIKMAN "24" FEDERAL #1
UNIT "A" SECTION 24
T9S-R37E LEA CO. NM