Form 3160-3
(July 1992)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

G-28

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

New Mexico Oil Conservation Division, District I
625 N. French Drive
Hobbs, NM 88240

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

5. LEASE DESIGNATION AND SERIAL NO.: NM-24489

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL NO.: La RICA FEDERAL # 3

9. API WELL NO.: 30-025-36351

10. FIELD AND POOL, OR WILDCAT: TONTO-SEVEN RIVERS

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SECTION 13 T19S-R33E

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: CONCHO OIL & GAS CORP. (GREG WILKES 915-683-7443)

3. ADDRESS AND TELEPHONE NO.: 110 WEST LOUISIANA SUITE 410 MIDLAND, TEXAS 79701 915-683-7443

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 1780' FSL & 1980' FWL SECTION 13 T19S-R33E LEA CO. NM.
At proposed prod. zone: SAME K

12. COUNTY OR PARISH: LEA CO. 13. STATE: NEW MEXICO

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 35 miles Southwest of Hobbs New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

16. NO. OF ACRES IN LEASE: 520

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.: 1320'

19. PROPOSED DEPTH: 4000'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3693' GR.

22. APPROX. DATE WORK WILL START*: WHEN APPROVED

23. PROPOSED CASING AND CEMENTING PROGRAM

Carlsbad Controlled Water Basin

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor	NA	40'	Cement to surface with Redi-mix
12¼"	J-55 8 5/8"	32	~~1500'~~ 1550'	850 Sx. circulate cement
7 7/8"	J-55 5½"	15.5	4000'	700 Sx. estimate TOC 1000'

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

2. Drill 12¼" hole to ~~1500'~~ 1550'. Run and set ~~1500'~~ 1550' of 8 5/8" 32# J-55 ST&C casing. Cement with 650 Sx. of Class "C" 35/65 POZ Class "C" cement + 6% Gel, + 2% CaCl + ¼# Folesle/Sx., tail in with 200 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx. circulate cement to surface.

3. Drill 7 7/8" hole to 4000'. Run and set 4000' of 5½" 15.5# J-55 ST&C casing. Cement with 400 Sx. of 50/50 POZ Class "C" cement + 10% Gel, + 5% Salt, + 3# Gilsonite/Sx. + ¼# Flocele/Sx., tail in with 300 Sx. of Class "C" cement + 5% Salt, + fluid loss,+ dispersant. Estimate top of cement 1000' from surface.

JUL 2003
RECEIVED
OCD

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 Joe T Janica TITLE Agent DATE 04/21/03

(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 subje

CONDITIONS OF APPROVAL, IF ANY:

OPER. OGRID NO. 193407
PROPERTY NO. 28312
POOL CODE 59470
EFF. DATE 7-31-03
API NO. 30-025-36351

APPROVED BY /s/ LESLIE A. THEISS TITLE FIELD MANAGER DATE JUL 17 2003

APPROVAL FOR 1 YEAR

*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 United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-36351	59470	TONTO-SEVEN RIVERS

Property Code	Property Name	Well Number
28312	LA RICA FEDERAL	3

OGRID No.	Operator Name	Elevation
193407	CONCHO OIL & GAS CORP.	3693'

Surface Location

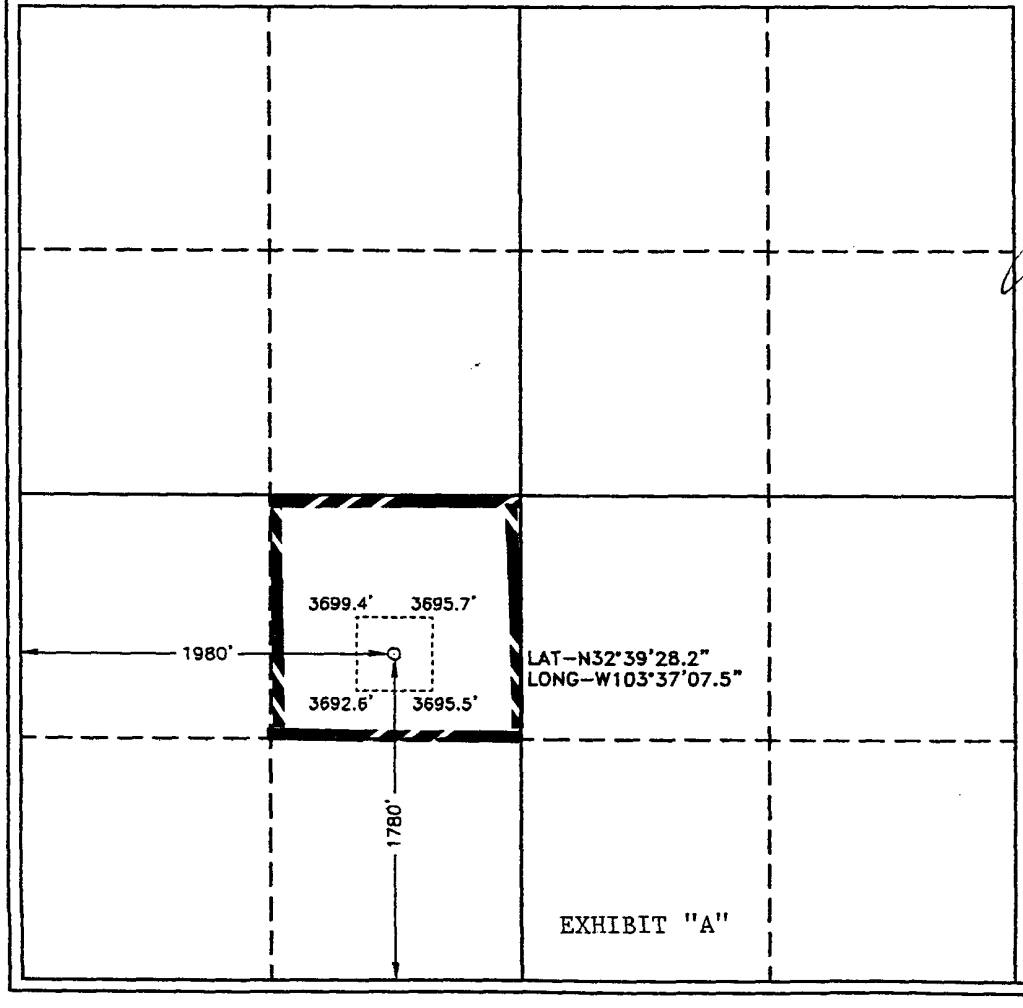
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	13	19 S	33 E		1780	SOUTH	1980	WEST	LEA

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

04/21/03
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, 2003
Date Surveyed

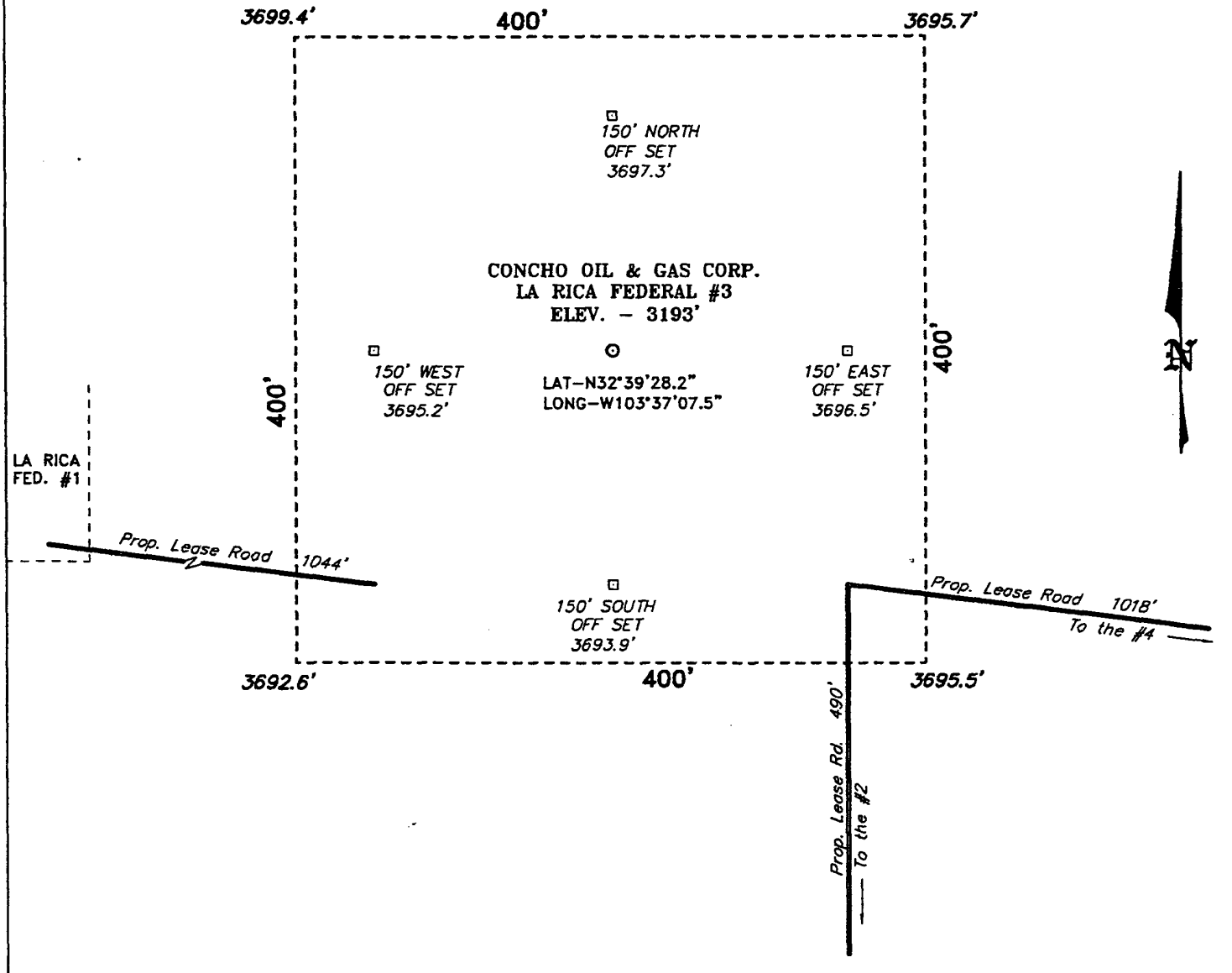
Signature & Seal of Professional Surveyor

W.O. No. 3195

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SECTION 13, TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.P.M.,
LEA COUNTY, **NEW MEXICO.**



100 0 100 200 FEET

SCALE: 1" = 100'

DIRECTIONS TO LOCATION:

FROM THE JUNCTION US HWY 62/180 AND SMITH RANCH ROAD(H-55), GO NORTHWESTERLY ON H-55 FOR 2.1 MILES TO THE END OF PAVEMENT; THENCE GO WEST/NORTHWESTERLY ON A CALICHE LEASE ROAD FOR 1.5 MILE TO A "Y", AND GO NORTHERLY ON RIGHT FORK FOR 1.3 MILE TO A LEASE ROAD RIGHT; THENCE GO EAST 1.1 MILE TO SOUTHEAST CORNER OF THE LA RICA #1 PAD AND PROPOSED LEASE ROAD.

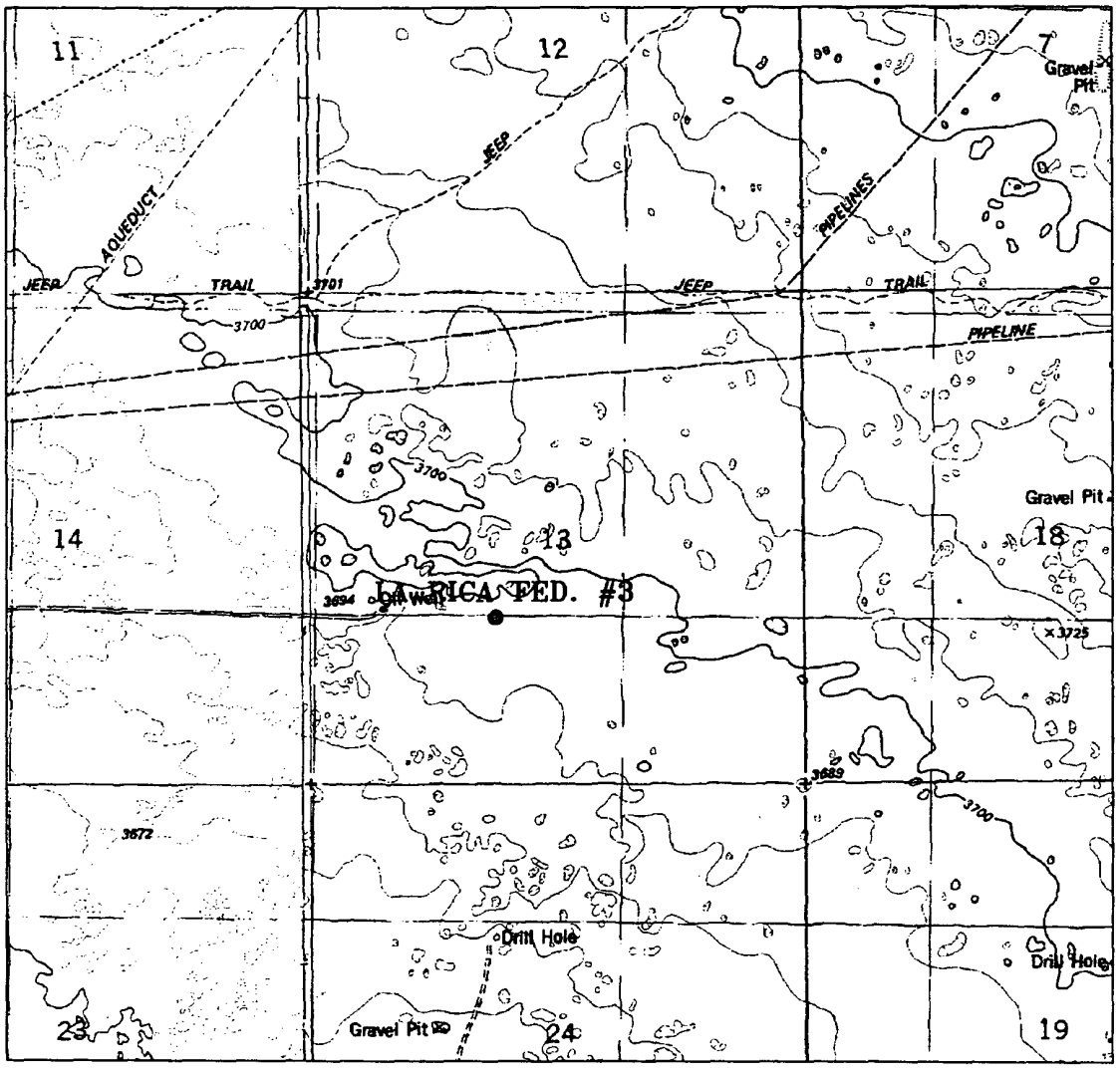
CONCHO OIL & GAS CORP.

REF: LA RICA FEDERAL No. 3 / Well Pad Topo

THE LA RICA FED. No. 3 LOCATED 1780' FROM THE SOUTH LINE AND 1980' FROM THE WEST LINE OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 3195	Drawn By: K. GOAD		
Date: 04-09-2003	Disk: KJG CD#4 - 3195A.DWG	Survey Date: 04-07-2003	Sheet 1 of 1 Sheets



1780'FSL 1980'FWL

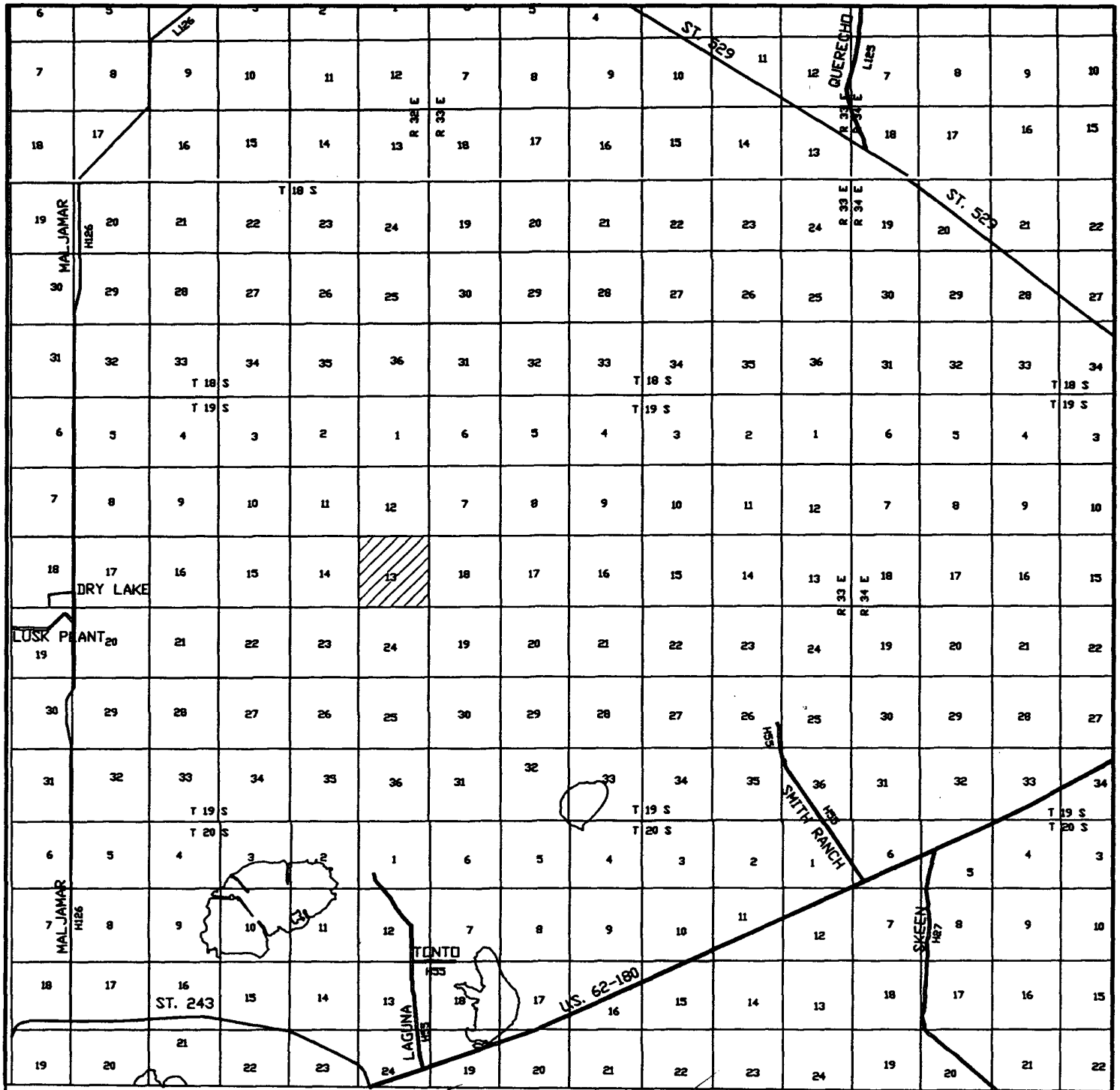
LA RICA FEDERAL #3
Located at 1980' FSL and 1780' FWL
Section 13, Township 19 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	3195AA - KJG CD#5
Survey Date:	04-08-2003
Scale:	1" = 2000'
Date:	04-09-2003

CONCHO OIL & GAS CORP.



LA RICA FEDERAL #3 1780' FSL 1980' FWL
Located at 1980' FSL and 1780' FWL
Section 13, Township 19 South, Range 33 East,
N.M.P.M., Lea County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number: 3195AA - KJG CD#5
Survey Date: 04-08-2003
Scale: 1" = 2 MILES
Date: 04-09-2003

CONCHO OIL & GAS CORP.

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

In response to questions asked under Section II of Bulletin NTL-6 the following information on the above well is providedfor your consideration.

1. Location of well: 1780' FSL & 1980' FWL SECTION 13 T19S-R33E LEA CO. NM

2. Ground Elevation above Sea Level: 3693' GR.

3. Geological age of surface formation: Quaternary

4. Drilling tools and associated equipment: Conventional rotary drilling rig using drilling mud as a circulating medium to remove solids from hole.

5. Proposed drilling depth: 4000'

6. Estimated tops of geological markers:

Rustler Anhydrite	1400'	Yates	3300'
Tansill	3100'	Seven Rivers	3650'

7. Possible mineral bearing formations:

Yates	Oil
Seven Rivers	Oil

8. Casing Program:

Hole Size	Interval	OD of Casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
12¼"	0-1500'	8 5/8"	32#	8-R	ST&C	J-55
7 7/8"	0-4000'	5½"	15.5	8-R	ST&C	J-55

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

9. CASING CEMENTING & SETTING DEPTHS:

20"	Conductor	Set 40' of 20" canductor and cement to surface with Redi-Mix
8 5/8"	Surface	Set 1500' of 8 5/8" 32# J-55 ST&C casing. Cement with 650 Sx. of 35/65 Class "C" POZ + 6% Gel, + ¼# Flocele/Sx. + 2% CaCl, tail in with 200 Sx. of Class "C" cement + 2% CaCl, circulate cement to surface.
5½"	Production	Set 4000' of 5½" 15.5# J-55 ST&C casing. Cement with 400 Sx. of Class "C" 50/50 POZ + 10% Gel, + 5% Salt, + 3# Gilsonite/Sx. + ¼# Flocele/Sx., tail in with 300 Sx. of Class "C" cement + fluid loss + dispersant + 5% Salt. TOC estimate 1000' from surface.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E" shows a 900 Series 3000 PSI working pressure B.O.P. consisting of an annular bag type preventor, middle blind rams and bottom pipe rams. The B.O.P. will be nippled up on the 8 5/8" casing and tested to API specifications. The B.O.P. will be operated at least once in each 24 hour period and the blind rams will be operated when drill pipe is out of hole on trips. Full opening stabbing valve and upper kelly cock will be utilized. Exhibit "E-1" shows a hydraulically operated closing unit and a 3" 3000 PSI choke manifold with dual adjustable chokes. No abnormal pressures or temperatures are expected.

11. PROPOSED MUD CIRCULATING SYSTEM:

DEPTH	MUD WT.	VISC.	FLUID LOSS	TYPE MUD SYSTEM
40-1500'	8.4-8.7	29-38	NC	Fresh water Spud Mud, add paper to control seepage
1500-3600'	10.0-10.1	29-38	NC	Brine water add paper to control seepage and use high viscosity sweeps to clean hole.
3600-4000'	10.0-10.1	30-38	10 cc or less	Same as above using starch or Dris-Pac system to control water loss.

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

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

12. LOGGING, CORING, AND TESTING PROGRAM:

A. Open hole logs: Dual Laterolog, SNP, LDT, Gamma Ray, Caliper from TD back to 8 5/8" casing shoe. Run cased hole Gamma Ray, Neutron from 8 5/8" casing shoe back to surface.

B. No cores or DST's are planned at this time.

13. POTENTIAL HAZARDS:

No abnormal pressures or temperatures are expected. There is no known presence of H^2S in this area. If H^2S is encountered the operator will comply with the provisions of Onshore Oil and Gas Order No. 6. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operation of equipment being used to drill this well. Estimated BHP 1750 PSI, and Estimated BHT 135°.

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon after BLM approval and as soon as a rig will be available. Move in operation and drilling is expected to take 8 days. If production casing is run then an additional 30 - days will be needed to complete well and construct surface facilities and/or lay flowlines in order to place well on production.

15. OTHER FACETS OF OPERATIONS:

After running casing, cased hole Gamma Ray, Neutron Collar logs will be run from TD back to all possible productive zones. The Seven Rivers formation will be perforated and stimulated in order to establish production. The well will be swab tested and potentialed as an oil well.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H_2S safety instructor to the following:

   A. Characteristics of H_2S
   B. Physical effects and hazzards
   C. Proper use of safety equipment and life support systems.
   D. Principle and operation of H_2S detectors, warning system and briefing areas.
   E. Evacuation procedure, routes and first aid.
   F. Proper use of 30 minute pressure demand air pack.

2. H_2S Detection and Alarm Systems

   A. H_2S detectors and audio alarm system to be located at bell nipple, end of blooie line (mud pit) and on derrick floor or doghouse.

3. Windsock and/or wind streamers

   A. Windsock at mudpit area should be high enough to be visible.
   B. Windsock at briefing area should be high enough to be visible.
   C. There should be a windsock at entrance to location.

4. Condition Flags and Signs

   A. Warning sign on access road to location.
   B. Flags to be displayed on sign at entrance to location. Green flag, normal safe condition. Yellow flag indicates potential pressure and danger. Red flag, danger, H_2S present in dangerous concentration. Only emergency personnel admitted to location.

5. Well control equipment

   A. See exhibit "E" & "E-1"

6. Communication

   A. While working under masks chalkboards will be used for communication.
   B. Hand signals will be used where chalk board is inappropriate.
   C. Two way radio will be used to communicate off location in case of emergency help is required. In most cases cellular telephoned will be available at most drilling foreman's trailer or living quarters.

7. Drillstem Testing

   A. Exhausts will be watered.
   B. Flare line will be equipped with an electric ignitor or a propane pilot light in case gas reaches the surface.
   C. If the location is near to a dwelling a closed DST will be performed.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

8. Drilling contractor supervisor will be required to be familiar with the effects H_2S has on tubular goods and other mechanical equipment.

9. If H_2S is encountered, mud system will be altered if necessary to maintain control of formation. A mud gas seperator will be brought into service along with H_2S scavengers if necessary.

SURFACE USE PLAN

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

1. EXISTING ROADS & PROPOSED ROADS: Area maps; Exhibit "B" is a reproduction of a County General Hi-way Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing and proposed roads. All existing roads will be maintained in a condition equal to or better than current conditions. Any new roads will be constructed to BLM specifications.

   A. Exhibit "A" shows the proposed well site as staked.

   B. From Hobbs New Mexico take U.S. Hi-way 62-180 West toward Carlsbad New Mexico go 30 miles to Smith Ranch road turn North go 2.2 miles bear Left follow caliche road in a Northwesterly direction for approximately 2 miles, turn North and go 1.4 miles, turn Right (East) go 1.2 miles to well # 1 continue 1000' to well location on the North side of road

   C. Flowlines and powerline will be constructed along existing road shown on Exhibit "F".

2. PLANNED ACCESS ROADS: Approximately 1000' of new road will be constructed.

   A. The access roads will be crowned and ditched to a 12' wide travel surface with a 40' Right-of-Way.

   B, Gradient of all roads will be less than 5.00%.

   C. If turn-outs are necessary they will be constructed.

   D. If needed roads will be surfaced with a minimum of 4" of caliche. This material will be obtained from a local source.

   E. Center-line for new roads will be flagged. Earth-work will be will be done as field conditions require.

   F. Culverts will be placed in the access road if they are necessary. The roads will be constructed to utilaze low water crossings for drainage as required by topography.

3. LOCATIONS OF EXISTING WELLS IN A ONE MILE RADIUS. EXHIBIT "A-1"

   A. Water wells - None known

   B. Disposal wells - None known

   C. Drilling wells - None known

   D Producing wells - As shown on Exhibit "A-1"

   E. Abandoned wells - As shown on Exhibit "A-1"

4. If on completion this well is a producer the operator will lay pipelines and construct powerlines along existing road R-O-W's or other existing R-O-W's. Possible routes of pipelines, flowlines and powerlines are shown on Exhibit "F".

5. LOCATION AND TYPE OF WATER SUPPLY:

Water will be purchased locally from a commercial source and trucked over the access roads or piped to location in flexible lines laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIAL:

If possible construction material will be obtained from the excavation of drill site, if additional material is needed it will be obtained from a local source and transported over the access roads as shown on Exhibit "C".

7. METHODS OF HANDLING WASTE MATERIAL:

A. Drill cuttings will be disposed of in the reserve pits.

B. All trash, junk and other waste material will be contained in trash cages or trash bins to prevent scattering. When the job is completed all contents will be removed and disposed of in a approved sanitary land fill.

C. Salts remaining after completion of well will be picked up by the supplier, including broken sacks.

D. Waste water from living quaters will be drained into holes with a minium of 10'. These holes will be covered during drilling and will be back filled when the well is completed. A Porto-John will be provided for the rig crews. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

E. Remaining drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry enough to be broken out for furthed drying. If the drilling fluids do not evaporate in a reasonable time they will be hauled off by transports to a state approve disposal site. Later pips will be broken out to speed drying. Water produced during completion will be put in reserve pits. Oil and condensate produced will be put in storage tanks and sold.

8. ANCILLARY FACILITIES:

A. No camps or air strips will be constructed on location.

9. WELL SITE LAYOUT

A. Exhibit "D" shows the proposed well site layout.

B. This exhibit indicated proposed location of reserve and sump pits and living facilities.

C. Mud pits in the active circulating system will be steel pits & the reserve pit is proposed to be unlined unless subsurface condition encountered during pit construction indicate that lining is needed for lateral containment of fluids.

D. If needed, the reserve pit is to be lined with polyethelene. The pit liner will be 6 mils thick. Pit liner will extend a minimum 2'00" over the reserve pits dikes where the liner will be anchored down.

E. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or a dry hole.

However, in either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area. Drainage systems, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstances to prevent inundation of the location's pad and surface facilities. After the area has been shaped and contoured, topsoil from the spoil pile will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

If the well is a dry hole, the pad and road area will be contoured to match the existing terrain. Topsoil will be spread to the extent possible. Revegetation will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

SURFACE USE PLAN

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

11. OTHER INFORMATION:

A. Topography consists of sand dunes with a slight dip to the West. Deep sandy soil supports shinnery oak, native grasses, and an occasional mesquite tree.

B. Surface is owned by the U.S. Government and is administered by the Bureau of Land Management. The surface is used for grazing livestock and the production of oil and gas.

C. An archaeological survey will be conducted on the location and access roads. This report will be filed with The Bureau of Land Management in the Carlsbad field office.

D. There are no dwellings in the near vicinity of this location.

12. OPERATORS REPRESENTIVES:

Before construction:

TIERRA EXPLORATION, INC
P.O. BOX 2188
HOBBS, NEW MEXICO 88241
OFFICE Ph. 505-391-8503
JOE T. JANICA

During and after construction:

CONCHO OIL & GAS CORP.
110 WEST LOUISIANA SUITE 410
MIDLAND, TEXAS 79701
OFFICE Ph. 915-683-7443
GREG WILKES

13. CERTIFICATION: I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access roads, and that I am fimiliar with the conditions which currently exist, that the statements made in this plan are to the best of my knowledge true and correct, and that the work associated with the operations proposed herein will be performed by CONCHO OIL & GAS CORP. it's contractors/subcontractors is in compformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for the filing of a false report.

NAME : Joe T Janica
DATE : 04/21/03
TITLE : Agent

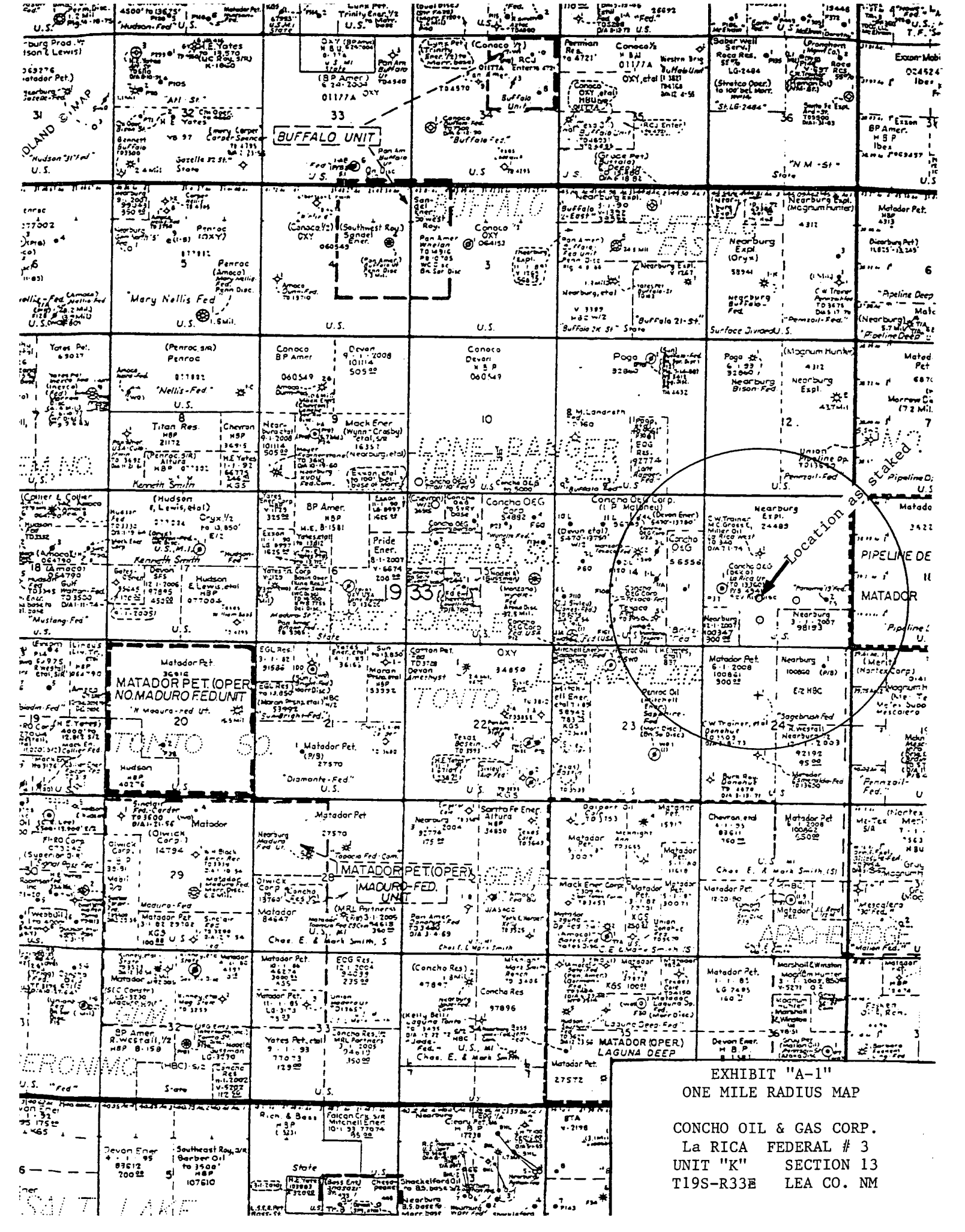


EXHIBIT "A-1"
ONE MILE RADIUS MAP

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

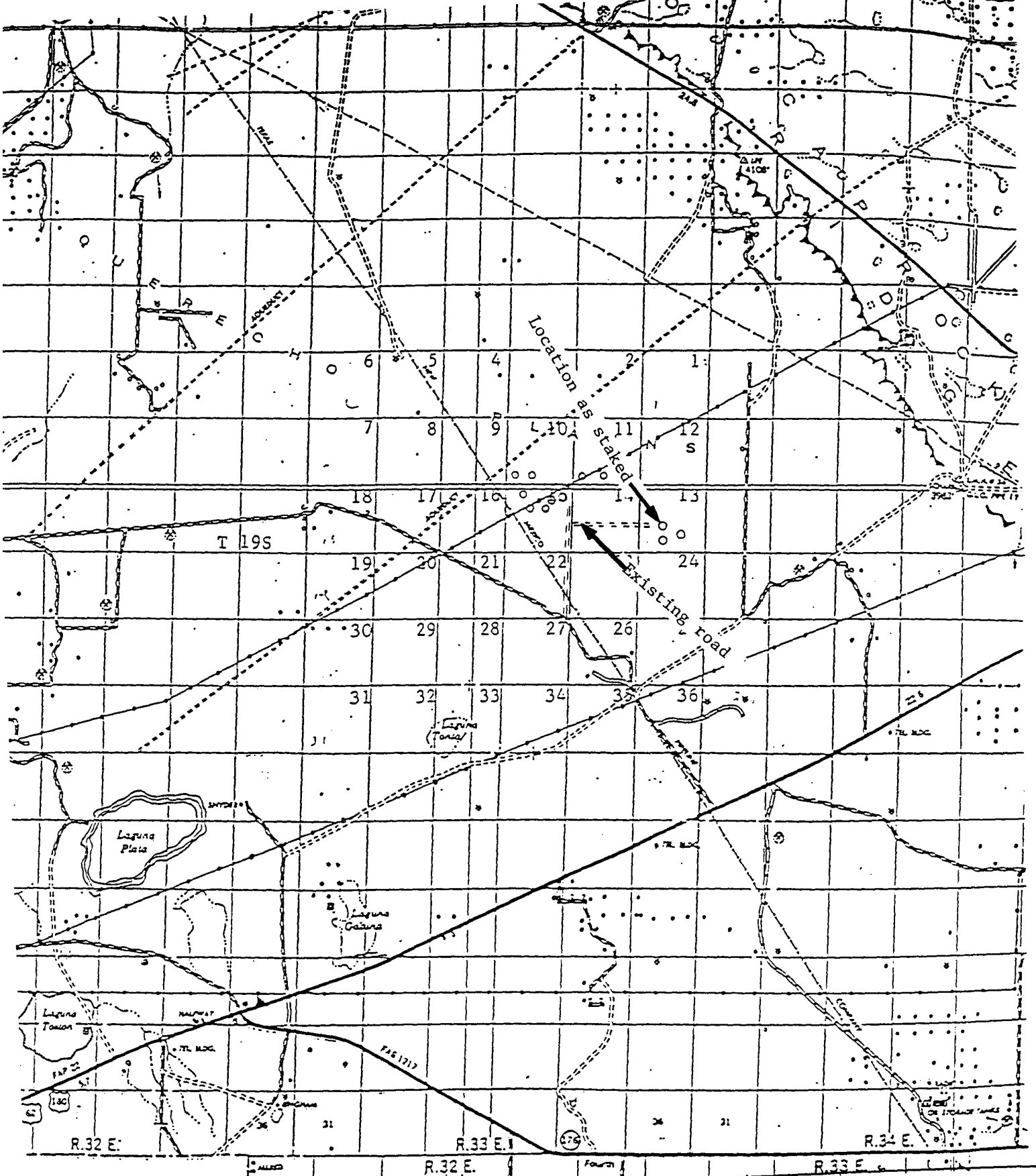


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

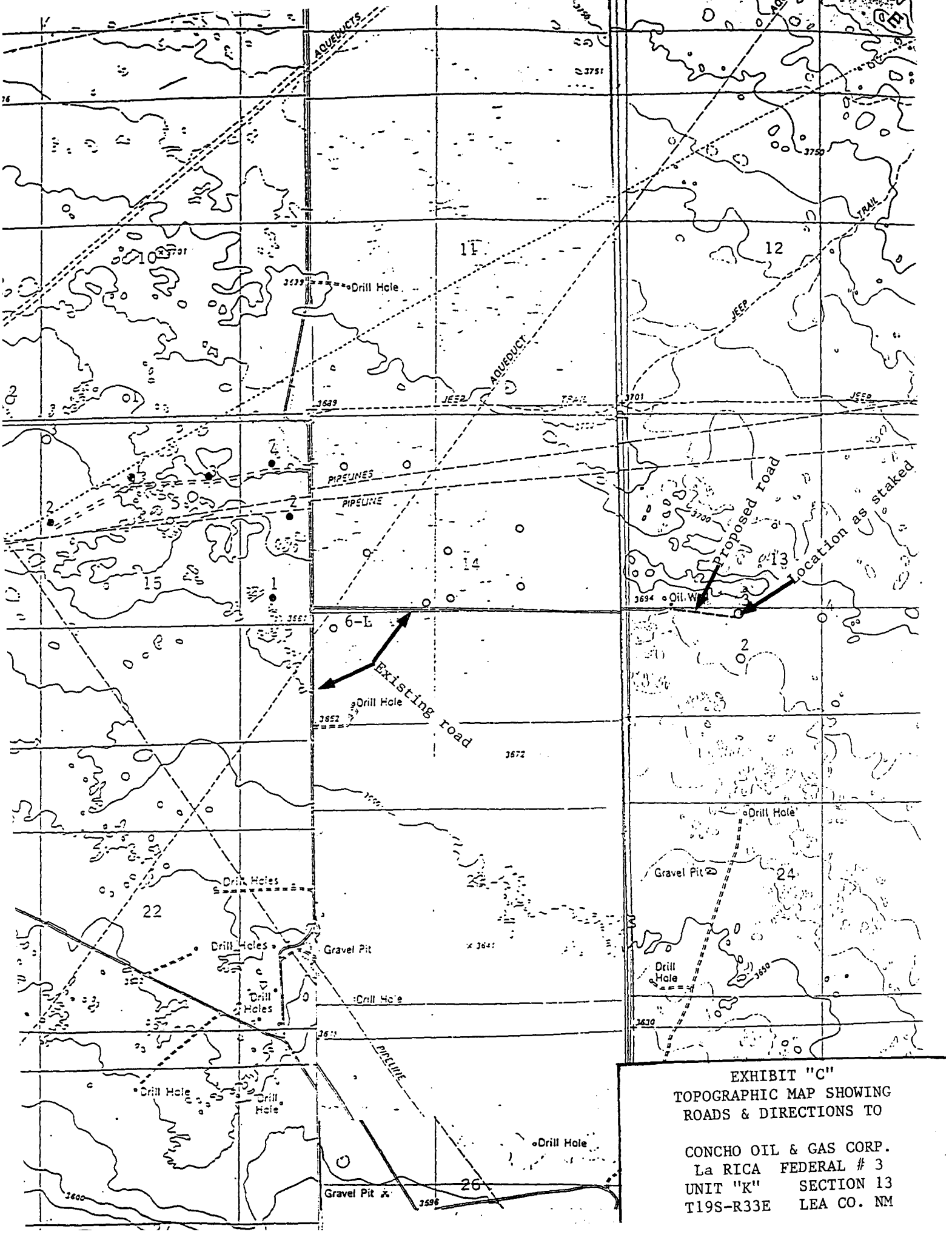
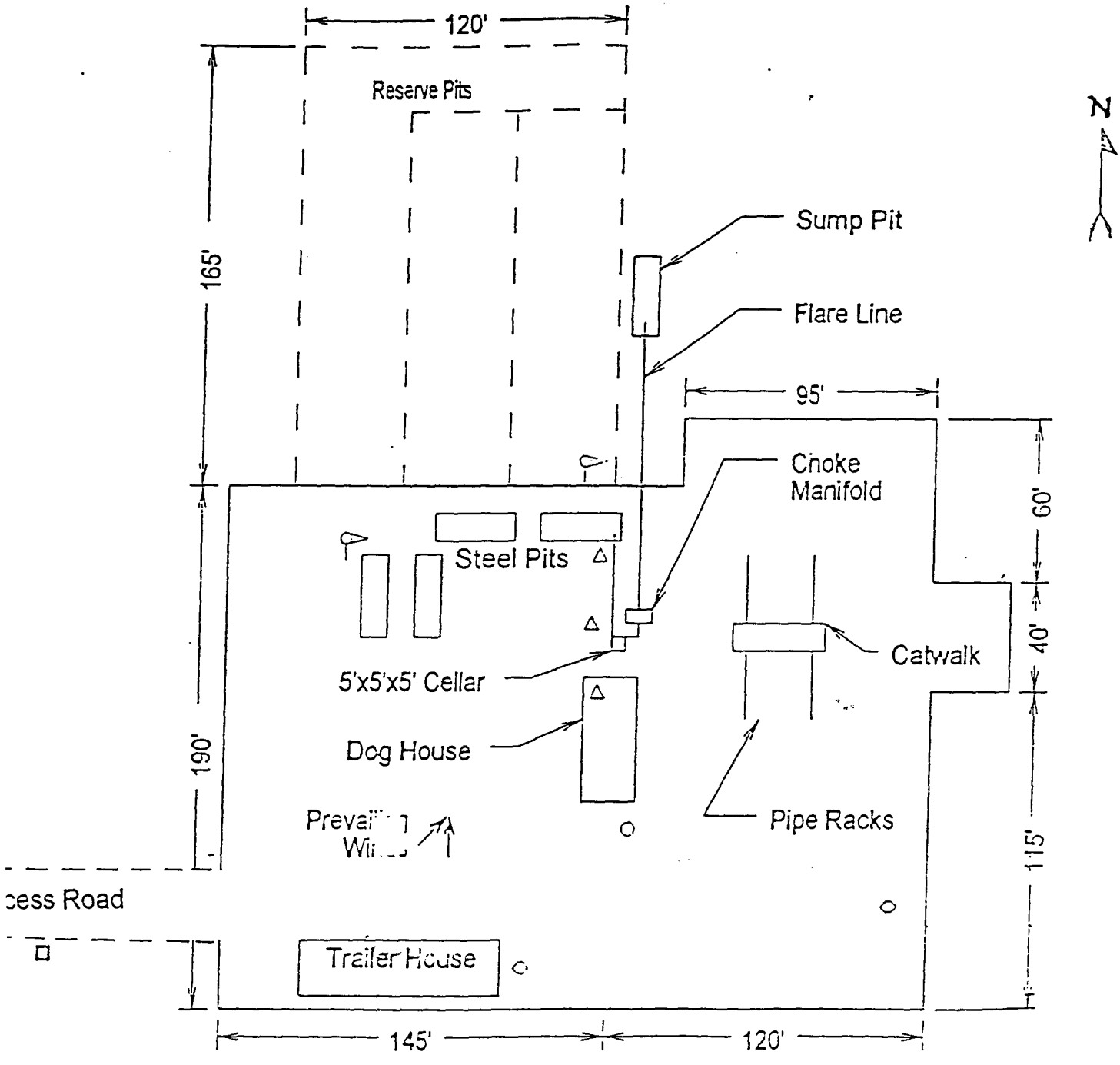


EXHIBIT "C"
TOPOGRAPHIC MAP SHOWING
ROADS & DIRECTIONS TO

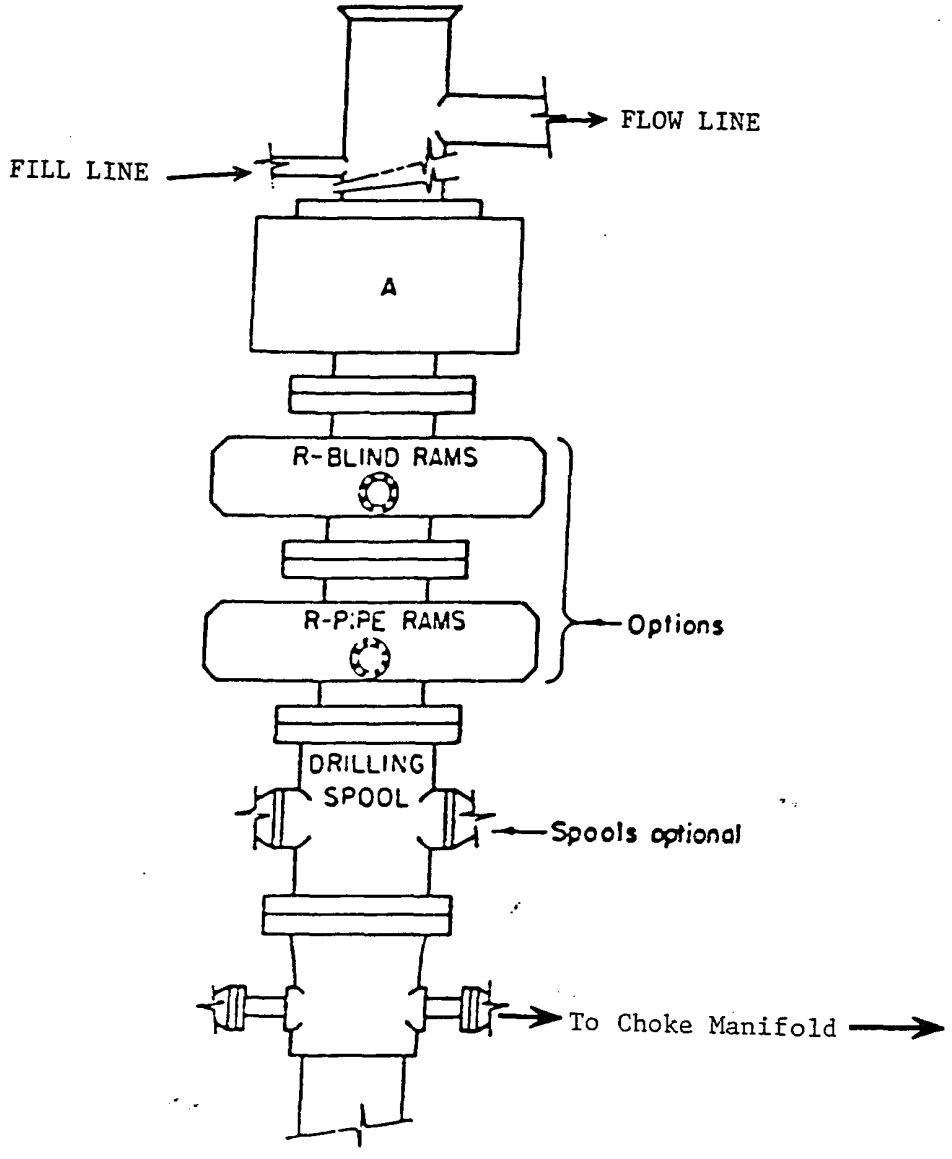
CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM



- Wind Direction Indicators (wind sock or streamers)
- △ H2S Monitors (alarms at bell nipple and shale shaker)
- ◇ Briefing Areas
- ○ Remote BOP Closing Unit
- □ Sign and Condition Flags

EXHIBIT "D"
RIG LAY OUT PLAT

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

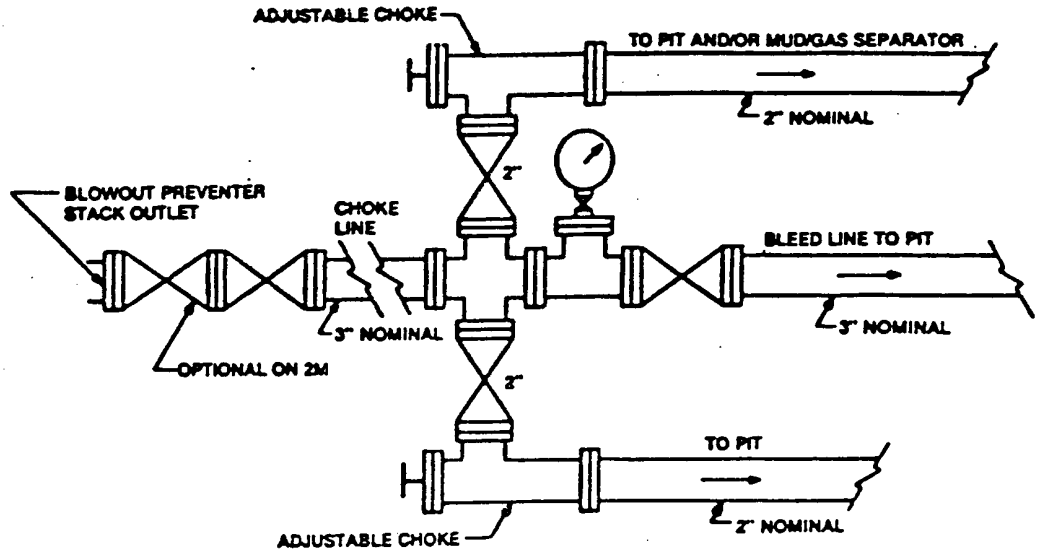


ARRANGEMENT SRRA

900 Series
3000 PSI WP

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

CONCHO OIL & GAS COEP.
La RICA FEDERAL # 3
UNIT "K" SECTOPN 13
T19S-R33E LEA CO. NM



Typical choke manifold assembly for 3M WP system

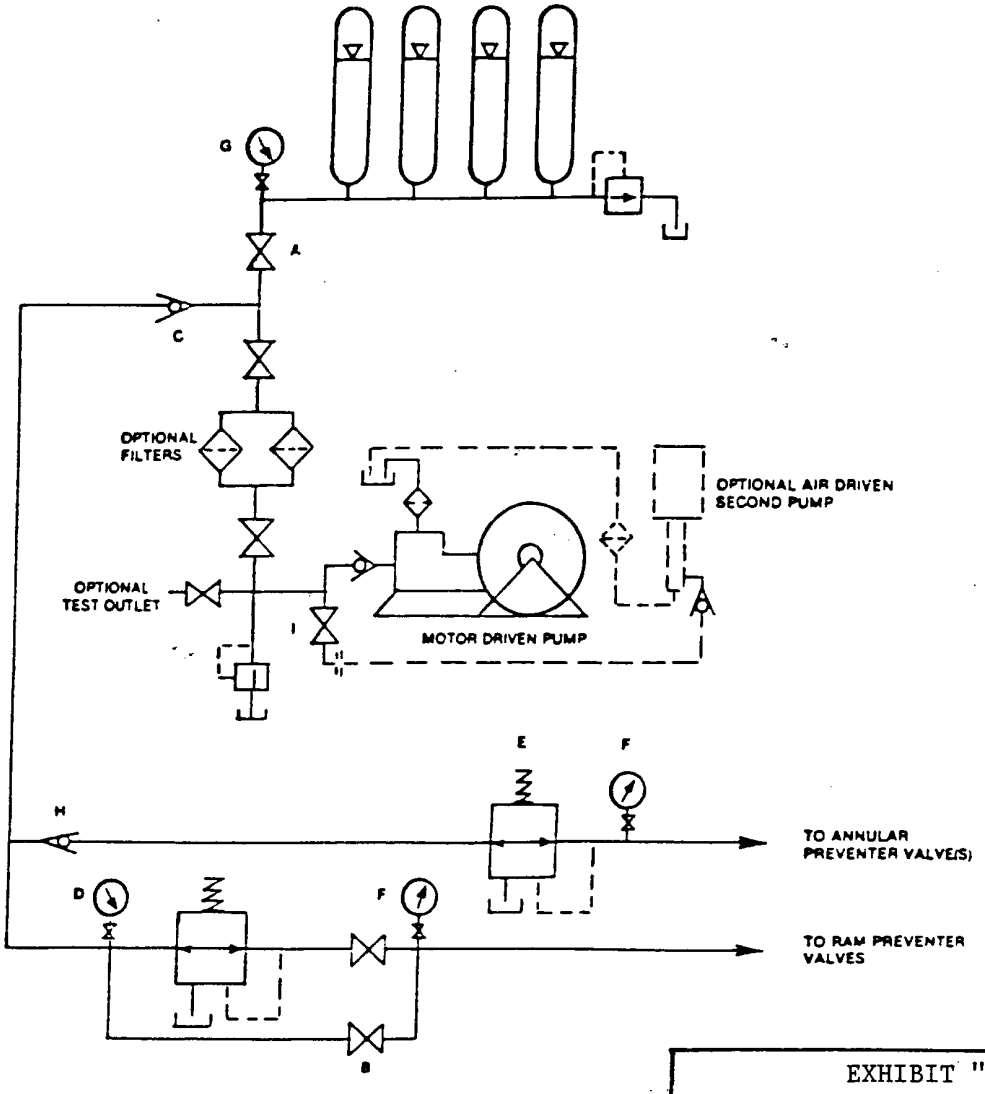


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM

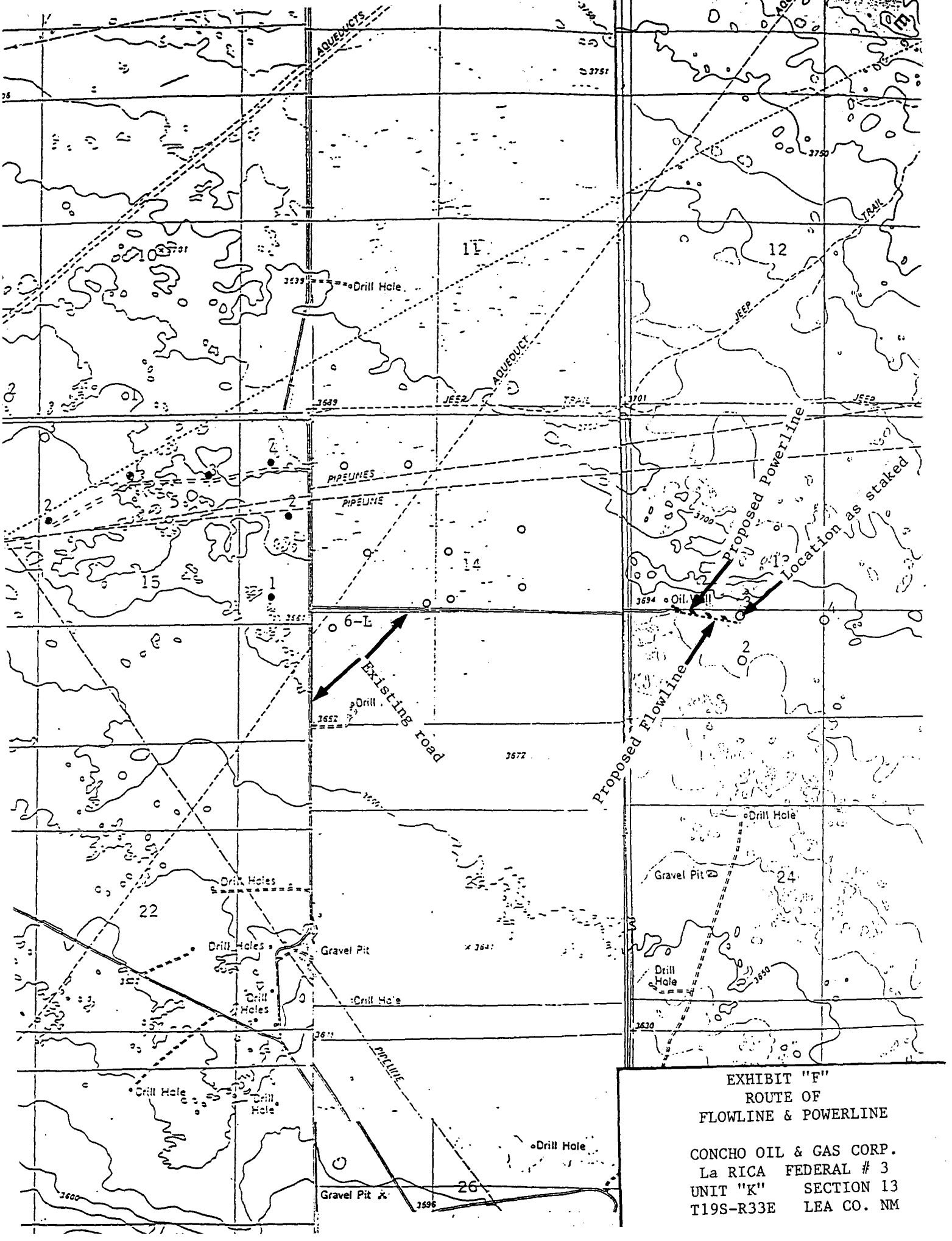


EXHIBIT "F"
ROUTE OF
FLOWLINE & POWERLINE

CONCHO OIL & GAS CORP.
La RICA FEDERAL # 3
UNIT "K" SECTION 13
T19S-R33E LEA CO. NM