

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

CONCHO OIL & GAS CORP. (ERICK NELSON 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
544 660' FNL & 660' FWL SEC. 25 T18S-R33E LEA CO NM.
At proposed prod. zone SAME

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

Approximately 30 miles West 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

560

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.

1500'

19. PROPOSED DEPTH

5900'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3860' GR.

22. APPROX. DATE WORK WILL START*
WHEN APPROVED

23.

PROPOSED CASING AND CEMENTING PROGRAM

Capitan Controlled Water Basin

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
12 1/4"	J-55 8 5/8"	24	1700'	800 Sx. circ. cement to surface
7 7/8"	J-55 5 1/2"	17	5900'	800 Sx. top cement 3000'±

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/4" hole to 1700'. Run and set 1700' of 8 5/8" 24# J-55 ST&C casing. Cement with 600 Sx. of Class "C" Light cement + 2% CaCl + other additives, tail in with 200 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
3. Drill 7 7/8" hole to 5900'. Run and set 5900' of 5 1/2" 17# J-55 LT&C casing. Cement with 800 Sx. of Class "H" Premium Plus cement + additives, bring cement up to at least 500' above upper most productive zone.

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.

SIGNED Joe T. Garcia TITLE Agent DATE 12/06/01

(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 /s/ LESLIE A. THEISS TITLE FIELD MANAGER DATE MAR 25 2002

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NM-0245247

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

EDITH FEDERAL # 5

9. API Well No.

30-025-35871

10. Field and Pool, or Exploratory Area

EK-DELAWARE

11. County or Parish, State

LEA CO. NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CONCHO OIL & GAS CORP. (ERICK NELSON 915-683-7443)

3a. Address 110 WES% LOUISIANA SUITE 410

MIDLAND, TEXAS 79701

3b. Phone No. (include area code)

915-683-7443

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

560' FNL & 660' FWL SEC. 25 T18S-R33E LEA CO. NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☒ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

Move location

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

1. Concho Oil & Gas Corp. requests the approval to move the location of their EDITH FEDERAL # 5 well from 660' FNL & 660' FWL of section 25 T18S-R33E to 560' FNL & 660' FWL of section 25 T18S-R33E.

2. This request is based on the recommendation of the BUREAU OF LAND MANAGEMENT to move the location because of Archaeology.

RECEIVED
2002 FEB 11 PM 2 19
BUREAU OF LAND MGMT.
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Joe T. Janica

Title Agent

Signature

Date 03/08/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ LESLIE A. THEISS

FIELD MANAGER

Date MAR 25 2002

Conditions of approval, if any, are attached. Approval of this notice 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.

Office CARLSBAD FIELD OFFICE

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

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

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

OIL CONSERVATION DIVISION

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

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35871	Pool Code 21655	Pool Name EK-DELAWARE
Property Code 27345	Property Name EDITH FEDERAL	Well Number 5
OGRID No. 193407	Operator Name CONCHO OIL & GAS CORPORATION	Elevation 3862'

Surface Location

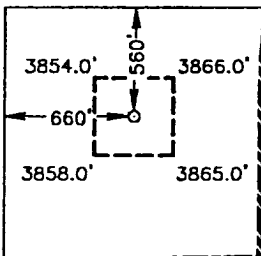
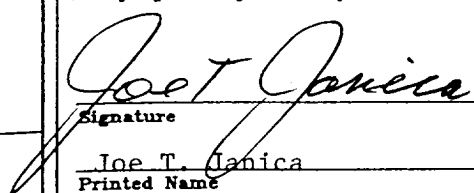
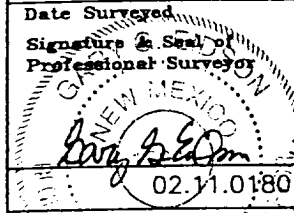
UL or lot No. D	Section 25	Township 18-S	Range 33-E	Lot Idn	Feet from the 560	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

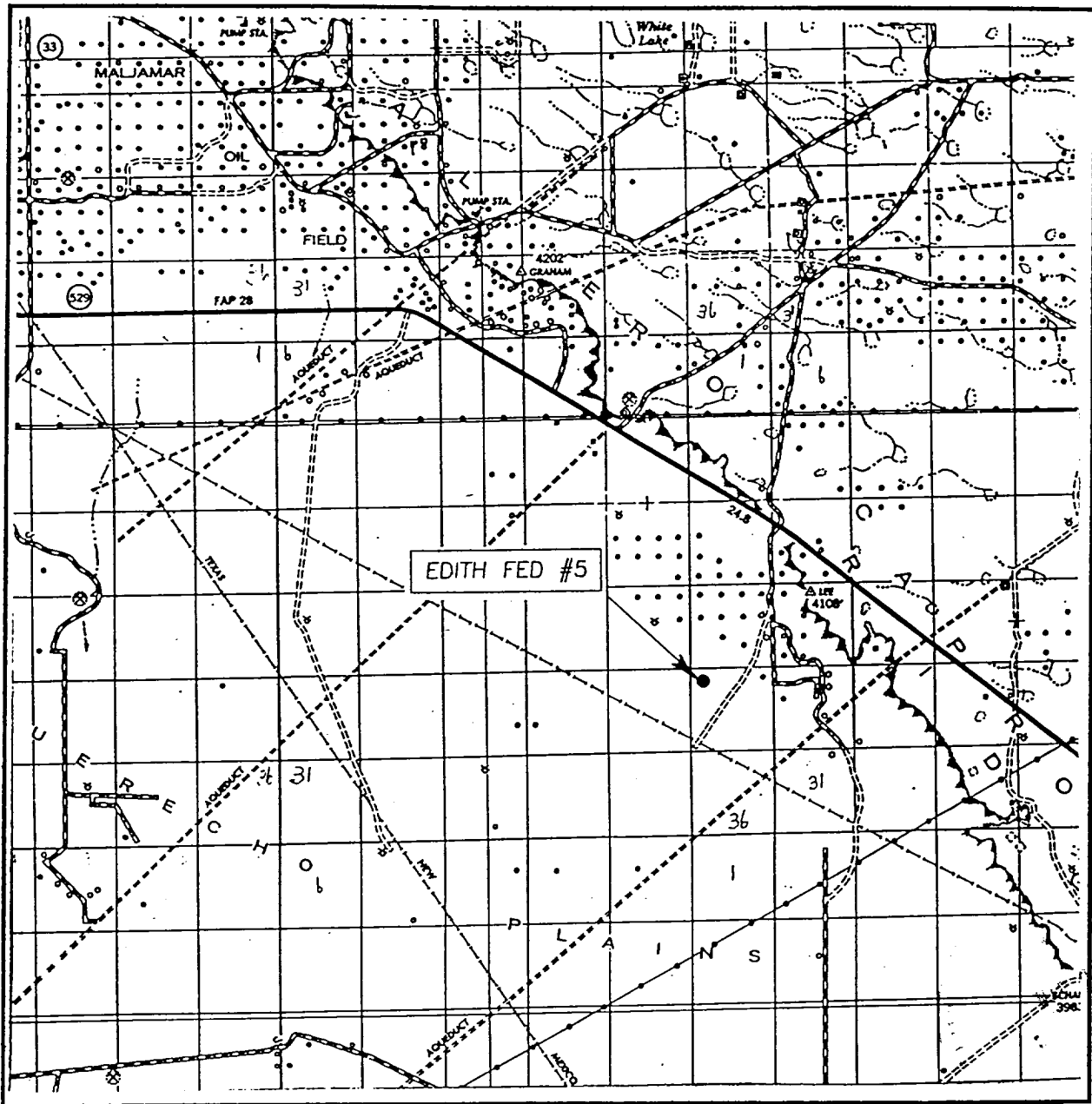
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE 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				
03/08/02				
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 belief.				
MARCH 03, 2002				
Date Surveyed				
AWB				
Signature & Seal of Professional Surveyor				
				
Certificate No. RONALD L. EDSON 3239				
GARY EDSON 12841				

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 25 TWP. 18-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 560' FNL & 660' FWL

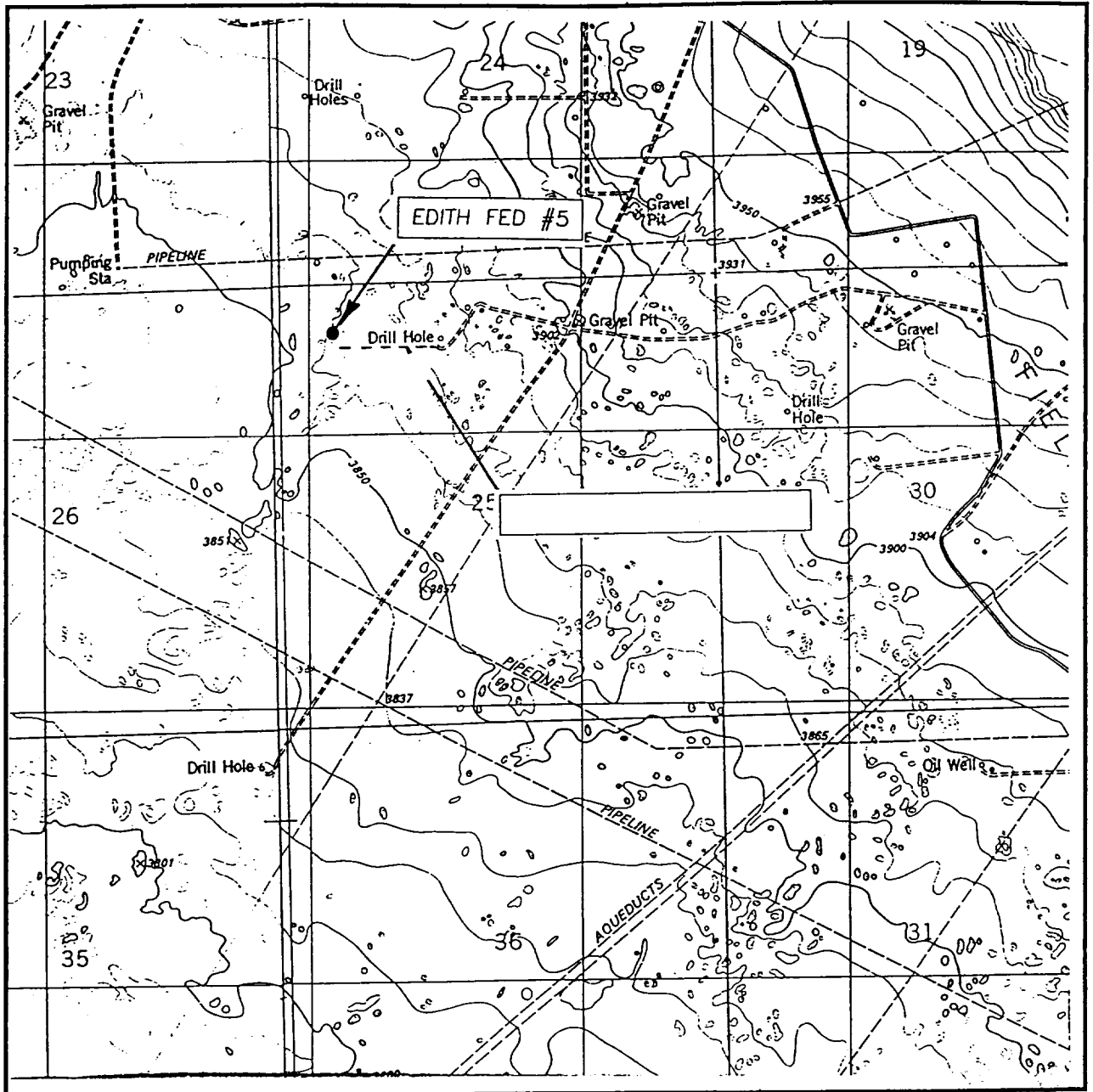
ELEVATION 3862'

OPERATOR CONCHO OIL & GAS CORPORATION

LEASE EDITH FEDERAL

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

IRONHOUSE WELL, N.M.

SEC. 25 TWP. 18-S RGE. 33-E

SURVEY _____ N.M.P.M.

COUNTY _____ LEA

DESCRIPTION 560' FNL & 660' FWL

ELEVATION 3862'

OPERATOR CONCHO OIL & GAS CORPORATION

LEASE EDITH FEDERAL

IRONHOUSE WELL, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM

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

1. Location: 660' FNL & 660' FWL SEC. 25 T18S-R33E LEA CO. NM

2. Elevation above Sea Level: 3860' GR.

3. Geologic name of surface formation: Quaternary Aeolian Deposits.

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

5. Proposed drilling depth: 5900'

6. Estimated tops of geological markers:

Rustler Anhydrite	1650'	Queen	4400'
Top of Salt	1750'	San Andres	5200'
Yates	3500'	Delaware	5400'

7. Possible mineral bearing formations:

Yates	Oil	San Andres	Oil
Queen	Oil	Delaware	Oil

8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40'	20"	NA	NA	NA	Conductor
12 1/4"	0-1700'	8 5/8"	24	8-R	ST&C	J-55
7 7/8"	0-5900'	5 1/2"	17	8-R	LT&C	J-55

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.

EDITH FEDERAL # 5

UNIT "D" SECTION 25

T18S-R33E LEA CO. NM

9. Cementing & Setting Depth:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
8 5/8"	Surface	Set 1700' of 8 5/8" 24# J-55 ST&C casing. Cement with 600 Sx. of Class "C" Light cement + 2% CaCl ₂ + 1/4# Flocele/Sx, tail in with 200 Sx. of Class "C" + 2% CaCl ₂ + 1/4# Flocele/Sx. Bring top of cement at least 500' above the upper most pay zone.

10. Pressure Control Equipment: Exhibit "E". A series 900 3000 PSI working pressure B.O.P. consisting of a double ram type preventor with a bag type annular preventor. BOP unit will be hydraulically operated. Exhibit "E-1" is a Choke manifold and closing unit. BOP will be nipped up on the 13 3/8" casing and will be operated at least once a day while drilling and the blind rams will be operated when out of hole during trips. Flo 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.	Viscosity	Fluid Loss	Type Mud
40-1700'	8.6-8.8	29-38	NC	Fresh water mud use paper to control seepage and high viscosity sweeps to clean hole.
1700-5900'	10.0-10.5	29-38	NC	Brine water mud system use paper to control seepage and high viscosity sweeps to clean hole.

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

APPLICATION TO DRILL

CONCHO OIL & GAS CORP.

EDITH FEDERAL # 5

UNIT "D" SECTION 25

T18S-R33E LEA CO. NM

12. LOGGING, CORING, AND TESTING PROGRAM:

A. Open hole logs: Run Dual Laterolog SNP, LDT, Caliper Gamma Ray from TD to 1700'. Run GAMMA Ray, Neutron from 1700' to surface.

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

13. POTENTIAL HAZARDS:

No abnormal pressures or temperatures are expected. There is no known presence of H²S in this area. If H²S 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 2500 PSI, and Estimated BHT 145°.

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 15 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 Delaware formation will be perforated and stimulated in order to establish production. The well will be swab tested and potentialized as an oil well.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

1. All Company and Contract personnel admitted on location must be trained by a qualified H₂S safety instructor to the following:
 - A. Characteristics of H₂S
 - B. Physical effects and hazards
 - C. Proper use of safety equipment and life support systems.
 - D. Principle and operation of H₂S detectors, warning system and briefing areas.
 - E. Evacuation procedure, routes and first aid.
 - F. Proper use of 30 minute pressure demand air pack.
2. H₂S Detection and Alarm Systems
 - A. H₂S 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, H₂S present in dangerous concentration. Only emergency personnel admitted to location.
5. Well control equipment
 - A. See exhibit "E"
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 telephones 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 location is near any dwelling a closed D.S.T. 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 separator will be brought into service along with H_2S scavengers if necessary.

SURFACE USE PLAN

CONCHO OIL & GAS CORP.

EDITH FEDERAL # 5

UNIT "D" SECTION 25

T18S-R33E LEA CO. NM

1. EXISTING ROADS: Area maps, Exhibit "B" is a reproduction of a County General Highway Map. Exhibit "C" is a reproduction of a USGS Topographic Map, showing existing roads 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 US Hi-way 62-180 west to junction with State Hi-way 529 bear Right take 529 13.5 miles to Milepost 17, turn South go 1.1 miles bear Right go 1.6 miles turn west go to well # 3 from well # 3 go North 1700' to location.
 - C. Flowlines and powerlines will be laid and constructed along road R-O-W. See Exhibit "F"
2. PLANNED ACCESS ROADS: Approximately 1700' of new road will be constructed.
 - A. The access road will be crowned and dirched to a 12'00" wide travel surface with a 40' right-of-way.
 - B. Gradient on all roads will be less than 5.00%.
 - C. No turnouts will be necessary.
 - D. If needed, road will be surfaced with a minimum of 4" of caliche. This material will be obtained from a local source.
 - E. Centerline for the new access road has been flagged. Earthwork will be as required by field conditions.
 - F. Culverts in the access road will not be used. The road will be constructed to utilize low water crossings for drainage as required by the Topography.
3. LOCATION 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"

SURFACE USE PLAN

CONCHO OIL & GAS CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM

4. If on completion this well is a producer the operator will lay pipelines and and construct powerlines along existing road R-O-W's or other existing R-O-W's. Possible 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 in flexible lines laid on top of the ground.

6. SOURCE OF CONSTRUCTION MATERIAL:

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

7. METHODS OF HANDLING WASTE MATERIAL:

- A. Drill cuttings will be disposed of in the reserve pit.
- B. All trash, junk and other waste material will be contained in trash cages or 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 supplier including broken sacks.
- D. Sewage from living quarters will drain into holes with a minium depth of 10'. These holes will be covered during drilling and will be back filled upon completion. A Ports-John will be provided for the rig crews. This equipment will be properly maintained during the drilling operations and removed upon completion of the well.
- E. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for breaking out. In the event that drilling fluids do not evaporate in a reasonable time they will be hauled off by transports and be disposed of at a state approved disposal facility. Later pits will be broken out to speed drying. Water produced during testing will be put in reserve pits. Any oil or condensate produced will be stored in test tanks until sold and hauled from the site.

8. ANCILLARY FACILITIES:

- A. No camps or airstrips to be constructed.

SURFACE USE PLAN

CONCHO OIL & GAS CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM

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.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM

11. OTHER INFORMATION:

- A. Topography consists of sand dunes, sandy soils with native grasses consisting of Sand Sage, Scrub Oak, Snakeweed and Mesquite. Drainage is Westerly toward the Querecho Plains.
- B. The surface is owned by The Bureau of Land Management, U.S. Dept. of Interior.
- C. An Archaeological survey will be conducted and the results will be submitted to the Bureau of Land Management, Carlsbad, New Mexico.
- D. No dwellings within one mile of location.

12. OPERATORS REPRESENTATIVE:

Field representative to contact regarding compliance with Application to Drill and Surface Use Plan is:

Before APD is approved.

Tierra Exploration Inc.
P.O. Box 2188
Hobbs, N.M. 88241
Joe T. Janica
Office Phone: 505-392-2112

After APD is approved.

Concho Oil & Gas Corp.
110 Louisiana Suite 410
Midland, Texas 79701
Erick Nelson
Phone 915-683-7443

13. CERTIFICATION: I hereby certify that I, or persons under by direct supervision, have inspected the proposed drill site and access route; that I am familiar 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 in conformity with this plan and the terms and the conditions under which it is approved. This statement is subject to the provision of U.S.C. 1001 for filing a false statement.

12/06/01

DATE:

NAME:

JOE T. JANICA

TITLE:

AGENT

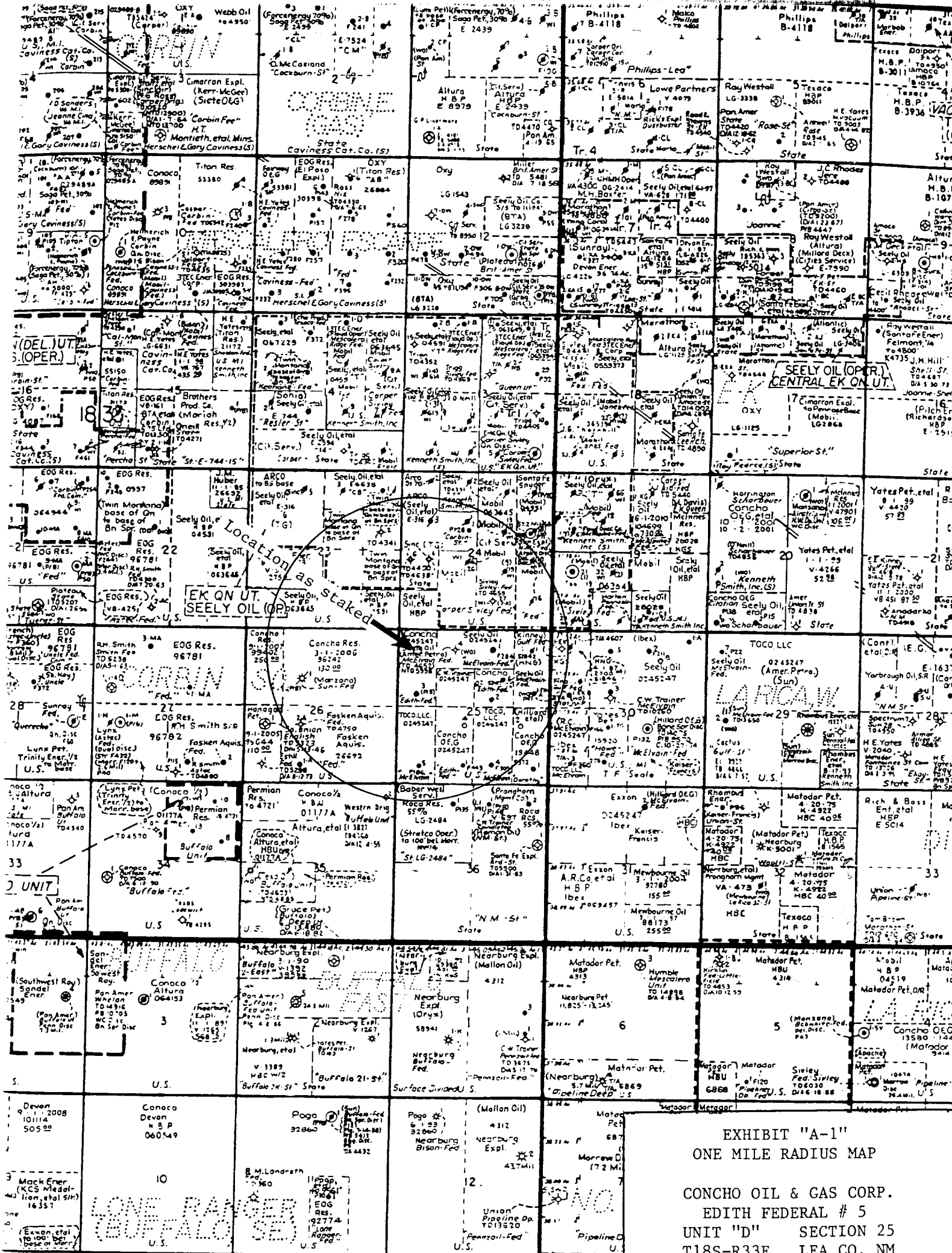
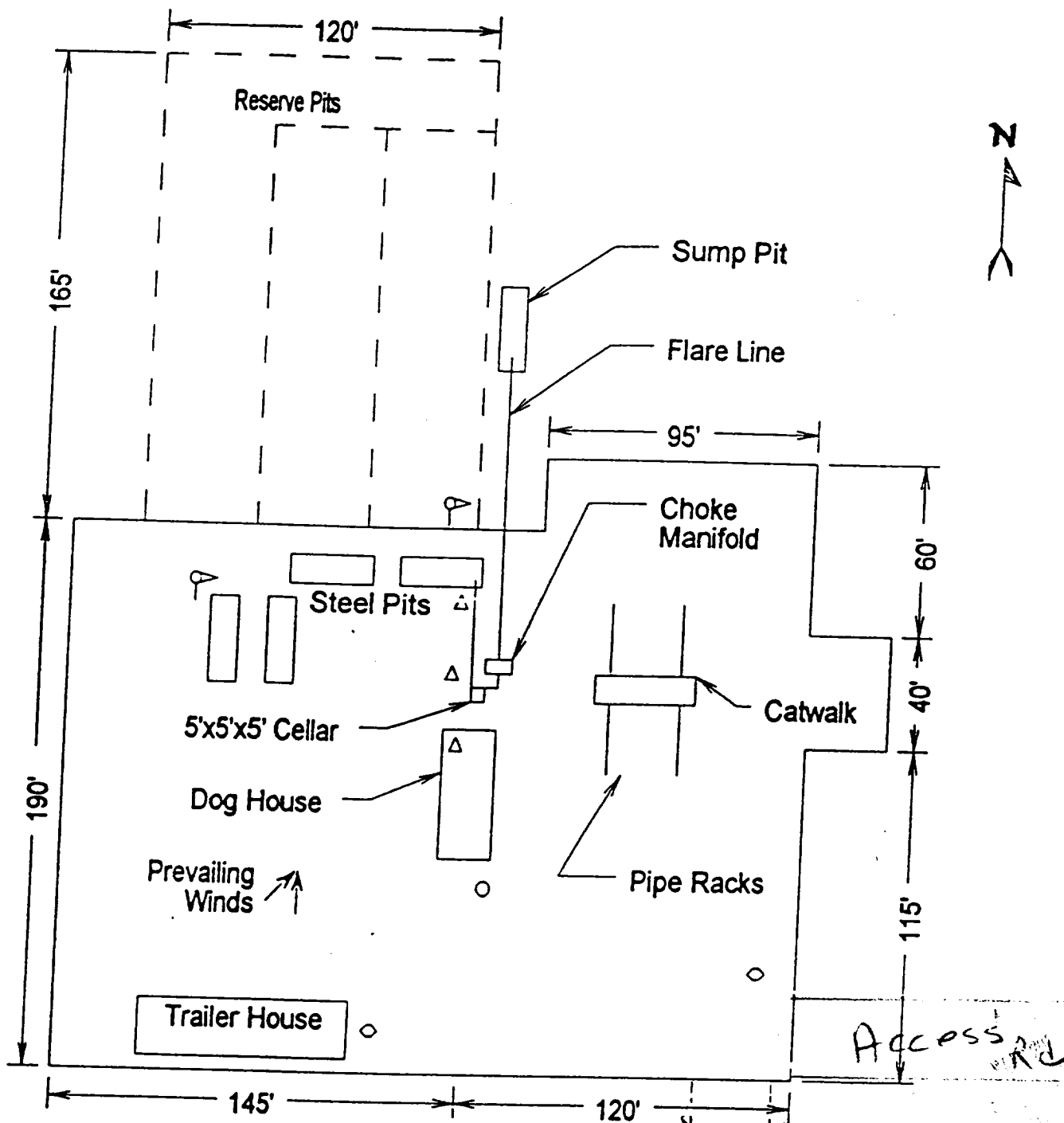


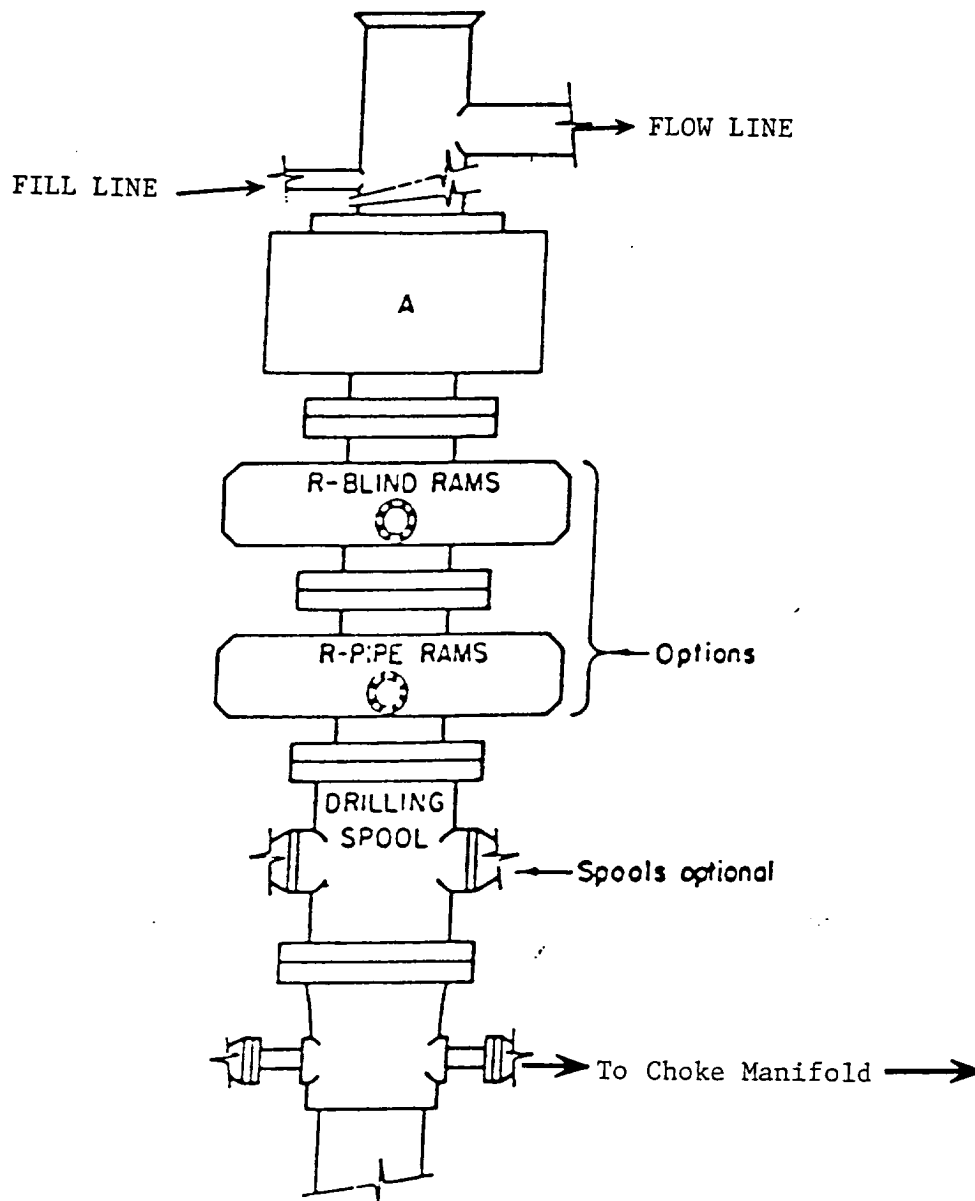
EXHIBIT "A-1"
ONE MILE RADIUS MAP
CONCHO OIL & GAS CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM



- ⊙ 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.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-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 CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S-R33E LEA CO. NM

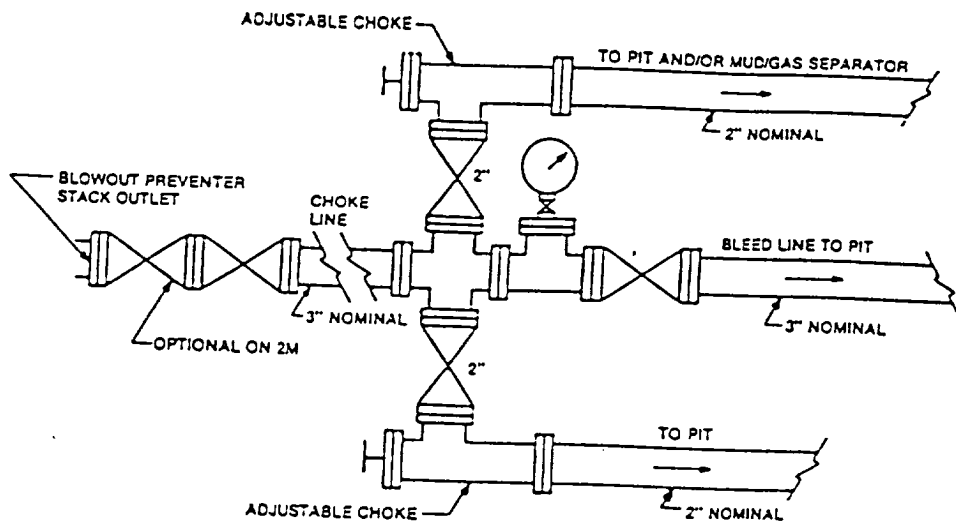


FIGURE K4-1. Typical choke manifold assembly for 2M and 3M rated working pressure service — surface installation.

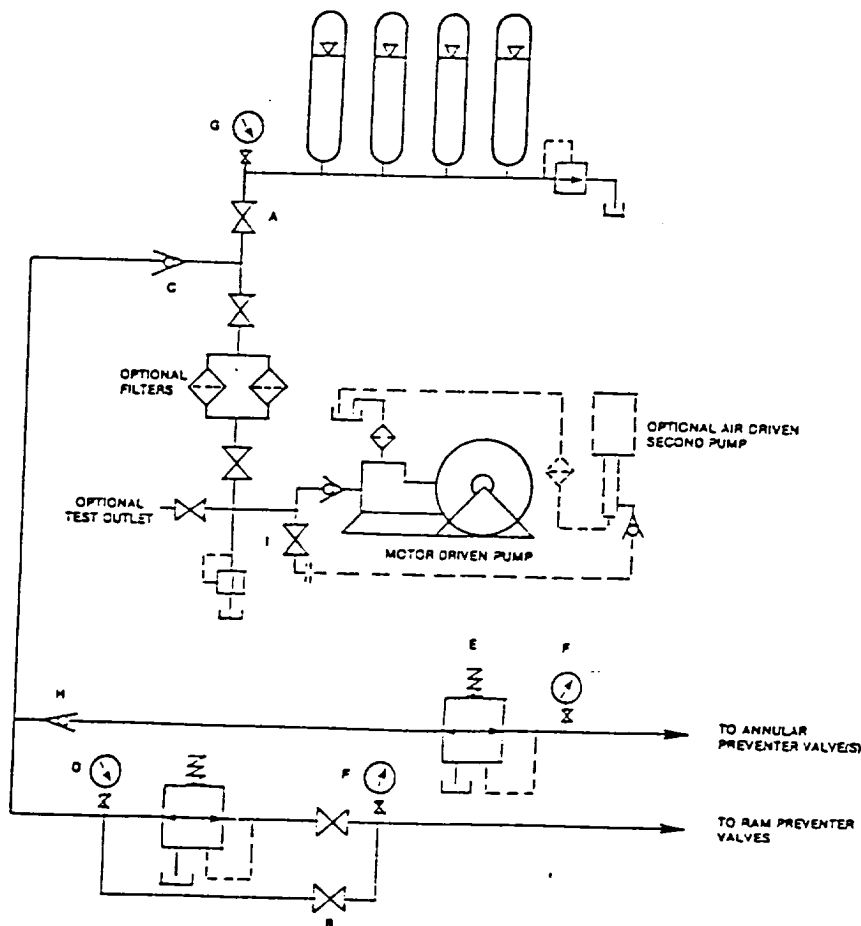


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

CONCHO OIL & GAS CORP.

EDITH FEDERAL # 5

UNIT "D" SECTION 25

T18S-R33E LEA CO. NM

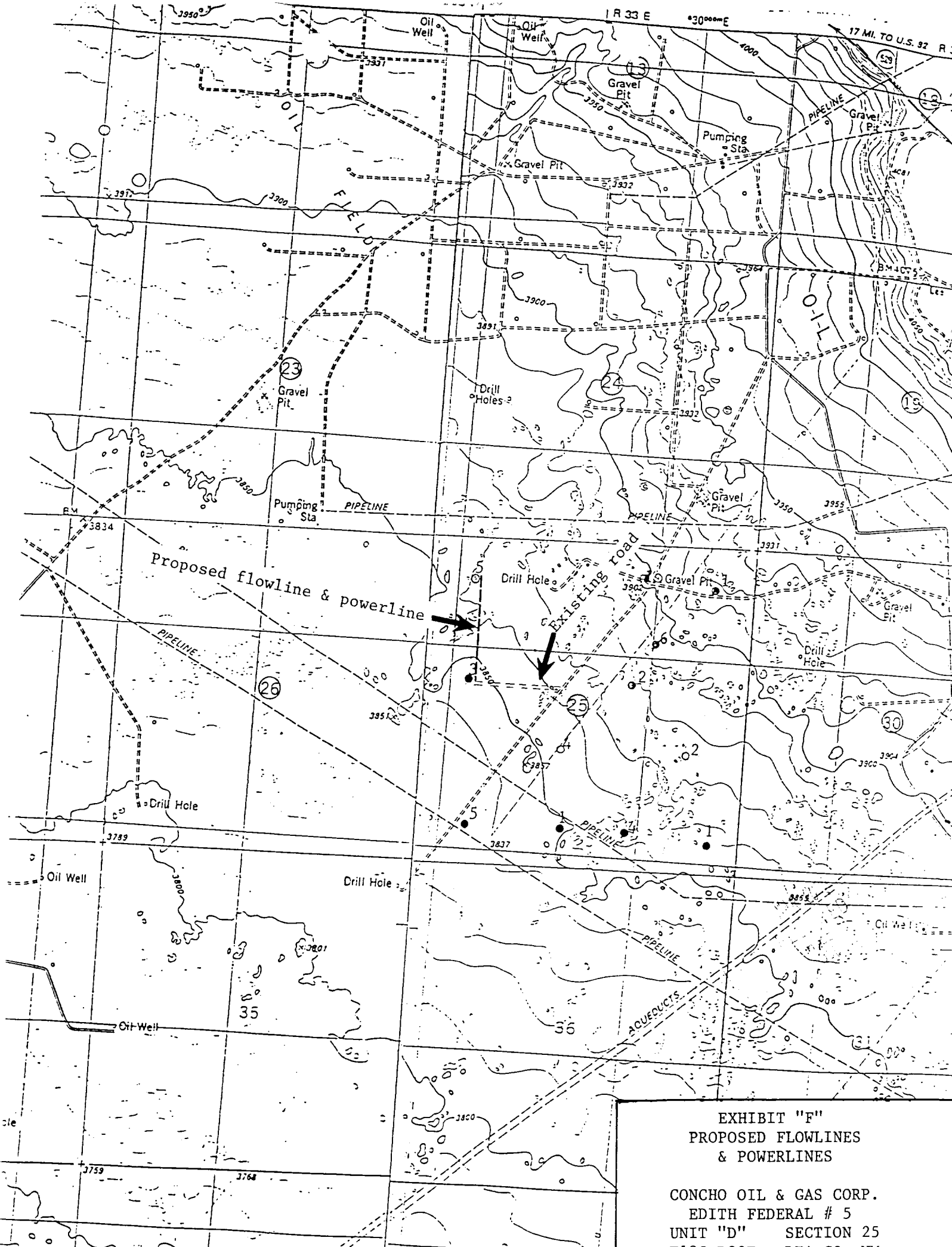


EXHIBIT "F"
PROPOSED FLOWLINES
& POWERLINES

CONCHO OIL & GAS CORP.
EDITH FEDERAL # 5
UNIT "D" SECTION 25
T18S R33E T30N R3E