

UNITED STATES ^{New Mexico} DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-030187	
2. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
3. NAME OF OPERATOR ARCH PETROLEUM, INC. (RICHARD WRIGHT) 915-685-8140		7. UNIT AGREEMENT NAME -----	
4. ADDRESS AND TELEPHONE NO. P.O. BOX 10340 MIDLAND, TEXAS 79702-7340 (915-685-8100)		8. FARM OR LEASE NAME, WELL NO. LAMUNYON FEDERAL # 70	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface: 2475' FSL & 1100' FWL SECTION 22 T23S-R37E LEA CO. NM At proposed prod. zone: SAME K		9. API WELL NO. 30-025-35037	
10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12 miles South Southeast of Eunice New Mexico		10. FIELD AND POOL OR WILDCAT TEAGUE-Paddock-BLINEBRY	
11. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1100'		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 22 T23S-R37E	
12. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 363'		12. COUNTY OR PARISH LEA CO.	
13. ELEVATIONS (Show whether DF, RT, GR, etc.) 3288' GR.		13. STATE NM	
14. NO. OF ACRES IN LEASE 1280		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
15. PROPOSED DEPTH 6100'		20. ROTARY OR CABLE TOOLS ROTARY	
21. APPROX. DATE WORK WILL START* When approved			

PROPOSED CASING AND CEMENTING **CAPITAN CONTROLLED WATER BASIN**

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	NA	40'	Cement to surface with Redi-mix
12 1/2"	J-55 8 5/8"	24	1100'	800 Sk. Top of cement surface
7 7/8"	J-55 5 1/2"	15.5	6100'	1600 Sk. " " " "

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 12 1/2" hole to 1100'. Run and set 1100' of 8 5/8" 24# J-55 ST&C casing. Cement with 800 Sk. of Class "C" cement + additives, circulate cement to surface.
3. Drill 7 7/8" hole to 6100'. Run and set 6100' of 5 1/2" 15.5# J-55 ST&C casing. Cement in two stages, DV Tool at 4100'± with 1600 Sk. of Class "H" cement + additives, circulate cement to surface.

962
14908
58300
5-22-00
30-025-35037

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
SPECIAL STIPULATIONS
ATTACHED

1. 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 [Signature] TITLE Agent DATE 01/27/00

(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 enable the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

Assistant Field Manager,
Lands And Minerals

APPROVED BY [Signature] TITLE _____ DATE _____

*See Instructions On Reverse Side

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY 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.*

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ARCH PETROLEUM, INC.

3a. Address

P.O. BOX 10340 MIDLAND, TEXAS 79702

3b. Phone No. (include area code)

915-685-3100

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

2475' FSL & 1100' FWL SEC. 22 T23S-R37E LEA CO. NM.

5. Lease Serial No.

LC-030186

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

C.E. LAMUNYON # 70

9. API Well No.

30-025-35037

10. Field and Pool, or Exploratory Area

TEAGUE-BLINEBRY

11. County or Parish, State

LEA CO. NEW MEXICO

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

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

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 recomplete 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 recompletion 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. Request the approval to change name of lease from LAMUNYON FEDERAL TO: C.E. LAMUNYON.

RECEIVED
2000 MAR 14 A 9 48
BUREAU OF LAND MANAGEMENT
MIDWELL OFFICE

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

Name (Printed/Typed)

Joe T. Janica

Title Agent

Signature

Joe T. Janica

Date 03/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DAVID C. BRAY

Assistant Field Manager

Lands And Minerals

Date

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

MIDWELL OFFICE

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 30-025-35037	Pool Code 58300	Pool Name TEAGUE Paddock BLINEBRY
Property Code 14908	Property Name LAMUNYON FEDERAL	Well Number 70
OGRID No. 962	Operator Name ARCH PETROLEUM INC.	Elevation 3288

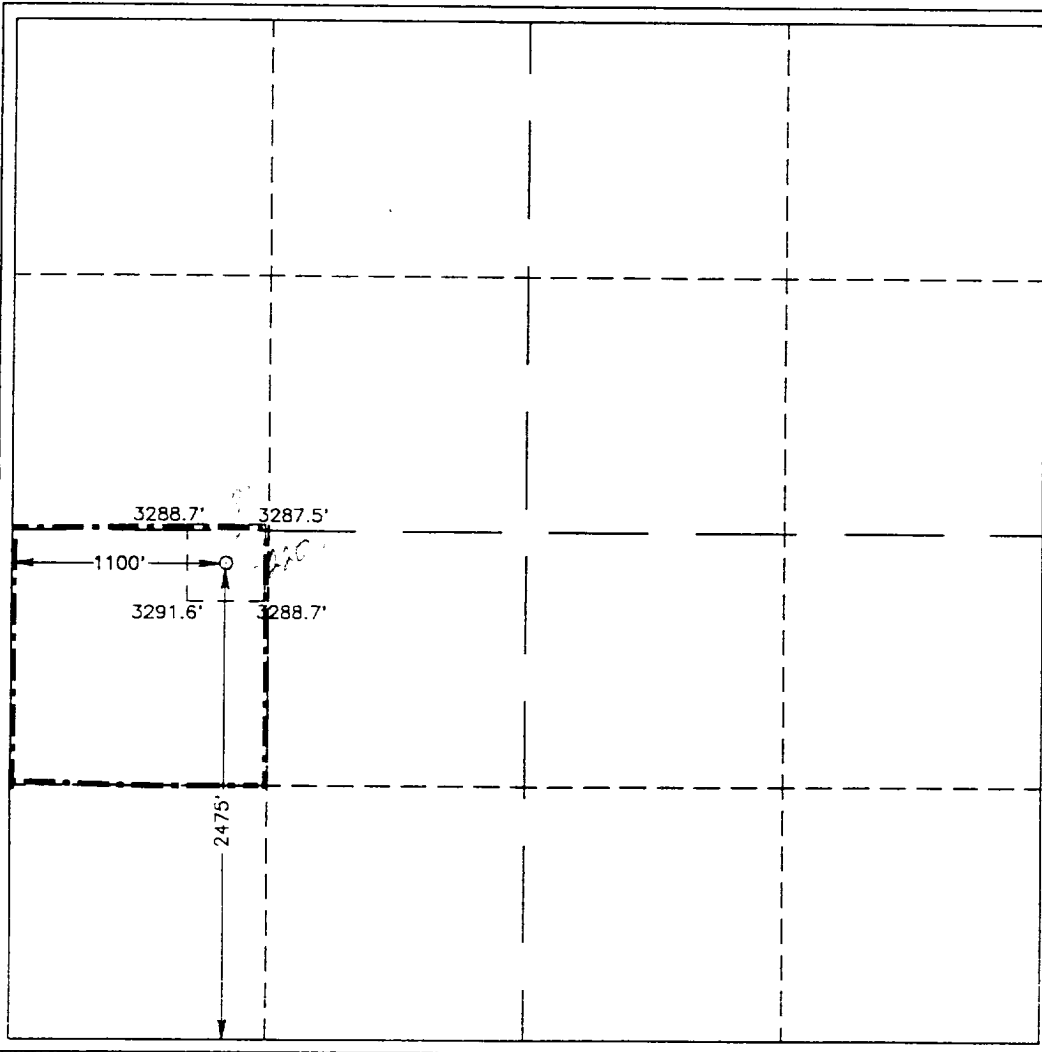
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	22	23 S	37 E		2475	SOUTH	1100	WEST	LEA

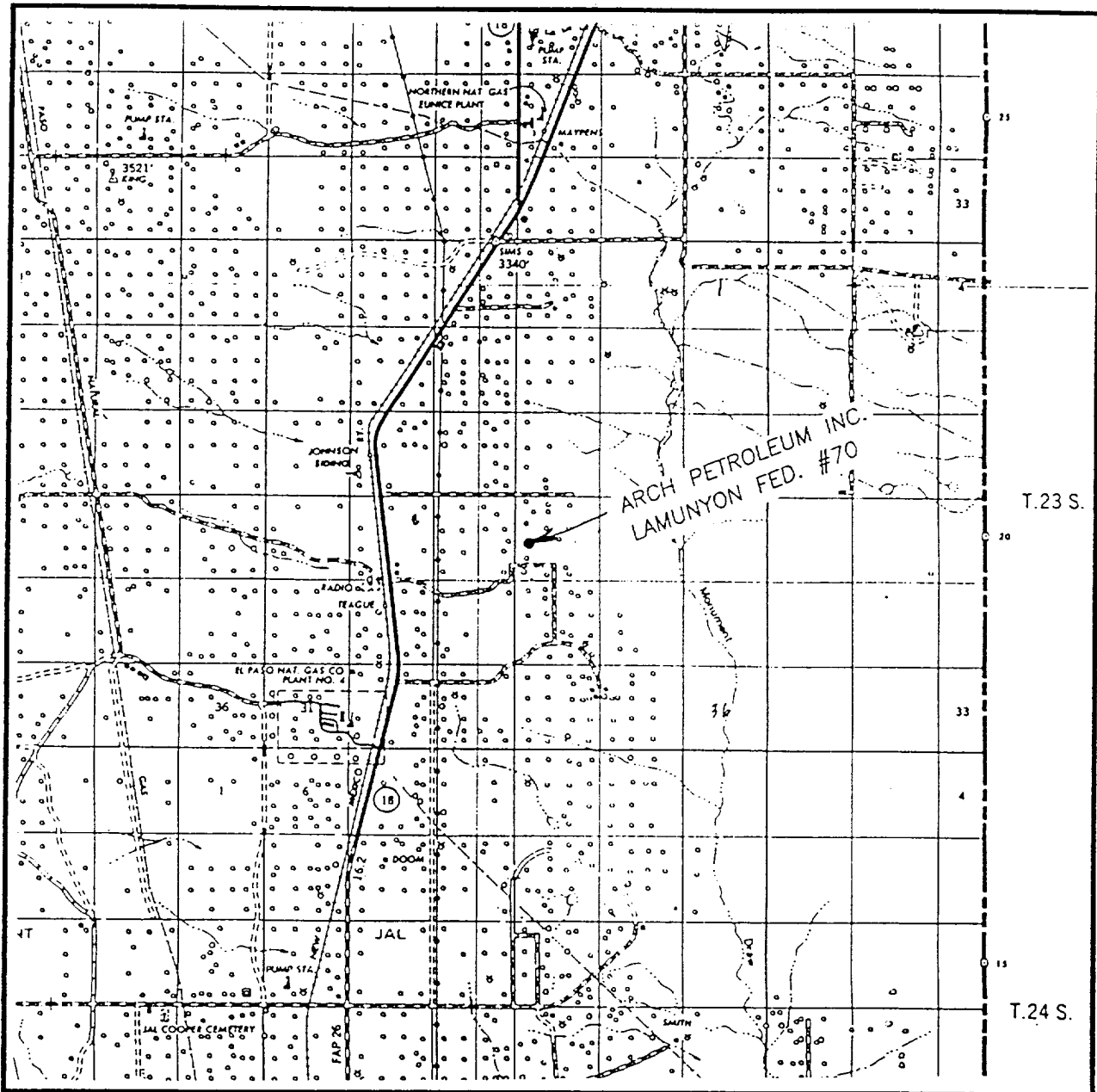
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Joe T. Janica</i> Signature Joe T. Janica Printed Name Agent Title 01/27/00 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. JANUARY 20, 2000 Date Surveyed JLP Signature & Seal Professional Surveyor NEW MEXICO 01/24/2000 W.O. Num. 00-11-0050 Certificate No. RONALD J. EDSON, 3239 GARY G. EDSON, 12641 MACON McDONALD, 12185
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VICINITY MAP

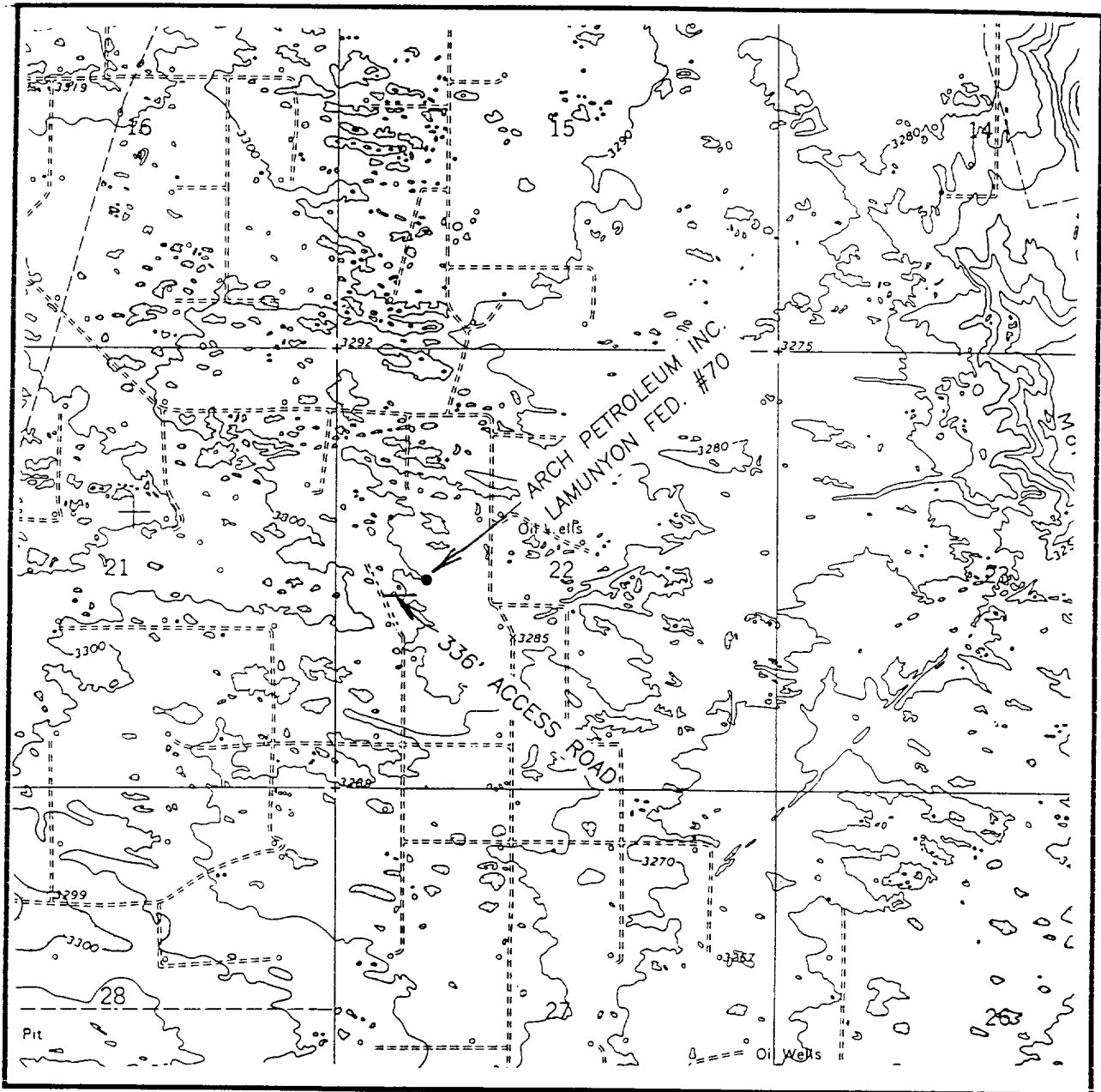


SCALE: 1" = 2 MILES

SEC. 22 TWP. 23-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 2475' FSL & 1100' FWL
 ELEVATION 3288
 OPERATOR ARCH PETROLEUM INC.
 LEASE LAMUNYON FED.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 22 TWP. 23-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2475' FSL & 1100' FWL

ELEVATION 3288

OPERATOR ARCH PETROLEUM INC.

LEASE LAMUNYON FED.

U.S.G.S. TOPOGRAPHIC MAP
RATTLESNAKE CANYON, N.M.

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

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 LAMUNYON FEDERAL # 70
 UNIT "L" SECTION 22
 T23S-R37E 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: 2475' FSL & 1100' FWL SECTION 22 T23S-R37E LEA CO. NM
2. Elevation above Sea Level: 3288' 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: 6100'
6. Estimated tops of geological markers:

Rustler	1050'	San Andres	3810'
Yates	2550'	Blainebry	5365'
Penrose	3380'	Tubb	6050'
7. Possible mineral bearing formations:

Penrose	Oil	Blainebry	Oil
San Andres	Oil		
8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
12½'	0-1100'	8 5/8"	24	8-R	ST&C	J-55
7 7/8"	0-6100'	5½"	15.5	8-R	ST&C	J-55

APPLICATION TO DRILL

POGO PRODUCING COMPANY
 LAMUNYON FEDERAL # 70
 UNIT "L" SECTION 22
 T23S-R37E LEA CO. NM

9. CEMENTING CASING & SETTING DEPTH:

20"	Conductor	Set 40' of 20" conductor and cement to surface Redi-mix.
8 5/8"	Surface	Set 1100' of 8 5/8" 24# J-55 ST&C casing. Cement with 800 Sx. of Class "C" cement + additives, circulate cement to surface.
5½"	Production	Set 6100' of 5½" 15.5# J-55 ST&C casing. Cement in two stages, place DV Tool at 4100' ±. Cement with 1600 Sx. of Class "H" cement + additives, circulate cement to surface.

10. PRESSURE CONTROL EQUIPMENT: Exhibit "E" A 900 Series 3000 PSI working pressure B.O.P. consisting of a double ram type preventor with a bag type annular preventor. B.O.P. will be hydraulically operated. Exhibit "E-1" shows choke manifold & closing unit. B.O.P. will be nipped up on 8 5/8" casing and will be operated at least once each 24 Hr. period while drilling and blind rams will be worked when out of hole on 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
40-1100'	8.6-8.8	30-38	NC	Fresh water spud mud add paper to control seepage
1100-4400'	10-10.5	29-38	NC	Brine water add paper to control seepage, lime for pH control.
4400-6100'	10-10.5	34-40	10 cc or less	Brine water use salt water Gel for viscosity control add starch for water loss control, add soda to control pH.

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 run casing water loss & viscosity may have to be adjusted to meet these conditions.

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E LEA CO. NM

12. TESTING, LOGGING, & COREING PROGRAM:

- A. Open hole logs: Dual Later-log, CNL, Density, Gamma Ray, Caliper from TD to 1100'. Run Gamma Ray, Neutron from 1100' to surface.
- B. No DST's re planned at this time.
- C. No cores are planned.

13. POTENTIAL HAZARDS:

No abnormal pressures or temperatures are expected. Hydrogen Sulfide gas may be encountered, H₂S detectors will be in place to detect any presence of unsafe levels of H₂S. No lost circulation is expected to occur. All personnel will be familiar with all aspects of safe operations of all equipment that will be used. Estimated BHP 2500 PSI & estimated BHT 120°.

14. ANTICIPATED STARTING DATE AND DURATION OF OPERATION:

Roads and location construction will begin after the BLM approves the APD. Anticipated spud date will be as soon as pad & road construction has been completed. Drilling time for the well is estimated to take 14 days. If production casing is run an additional 20 days will be required to complete well and construct surface facilities.

15. OTHER FACETS OF OPERATION:

After running production casing, cased hole Gamma-Neutron & Collar logs will be run over all possible pay intervals. If commercial production from the Blinebry pay is indicated it will be perforated and stimulated. Then if necessary the pay will be swab tested and completed 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 bloopie 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 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 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.

POGO PRODUCING COMPANY
 LAMUNYON FEDERAL # 70
 UNIT "L" SECTION 22
 T23S-R37E 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 the junction of State Hi-way 176 & State Hi-way 18 at Eunice New Mexico go south 10.8 miles turn East on lease road go 1.5 miles turn south go .25 miles and location is on the East side of road.
 - C. Lay necessary pipelines and powerlines along road R-O-W's to tank Battery. *w/ prior BLM approval via Summary Notice, 1984*
2. PLANNED ACCESS ROADS: 335' of new road will be constructed.
 - A. The access road will be crowned and ditched 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"

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E LEA CO. NM

4. If, upon completion this well is a producer Pogo Producing Company will furnish maps and/or plats showing on site facilities or off site facilities if needed. This will be accompanied with a Sundry Notice.

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. w/ B. M. Appraisal, TSS

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 minimum depth of 10'. These holes will be covered during drilling and will be back filled upon completion. A Porta-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.

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E 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 polyethelane. The pit liner will be 6 mils thick. Pit liner will extend a minimum of 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 7.3 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.

POGO PRODUCING COMPANY
 LAMUNYON FEDERAL # 70
 UNIT "L" SECTION 22
 T23S-R37E LEA CO. NM

11. OTHER INFORMATION:

- A. Topography consists of sand dunes with a slight dip toward the West. Deep sandy soil supports native grasses, mesquite, and shinny Oak.
- B. The surface is privately owned and the minerals are owned by the U.S. Department of Interior, administered by The Bureau of Land Management.
- C. An archaeological survey will be conducted and copies of the survey will be filed in the Carlsbad Office of The Bureau of Land Management.
- D. There are no dwellings or habitation within three miles of this location.

12. OPERATORS REPRESENTATIVE:

Before construction:

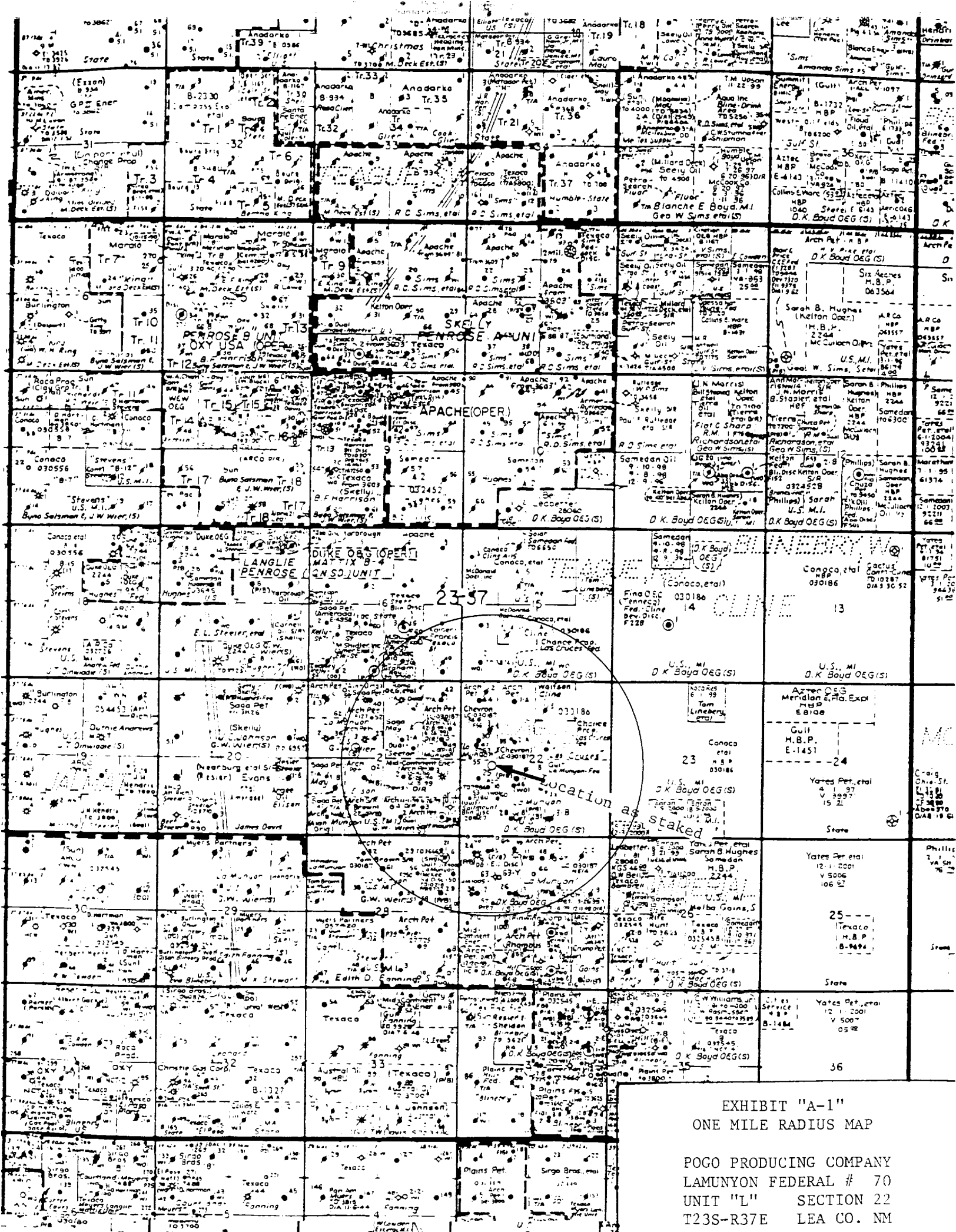
TIERRA EXPLORATION INC.
 P.O. BOX 2188
 HOBBS, NEW MEXICO 88241
 OFFICE PHONE 505-392-2112
 JOE T. JANICA

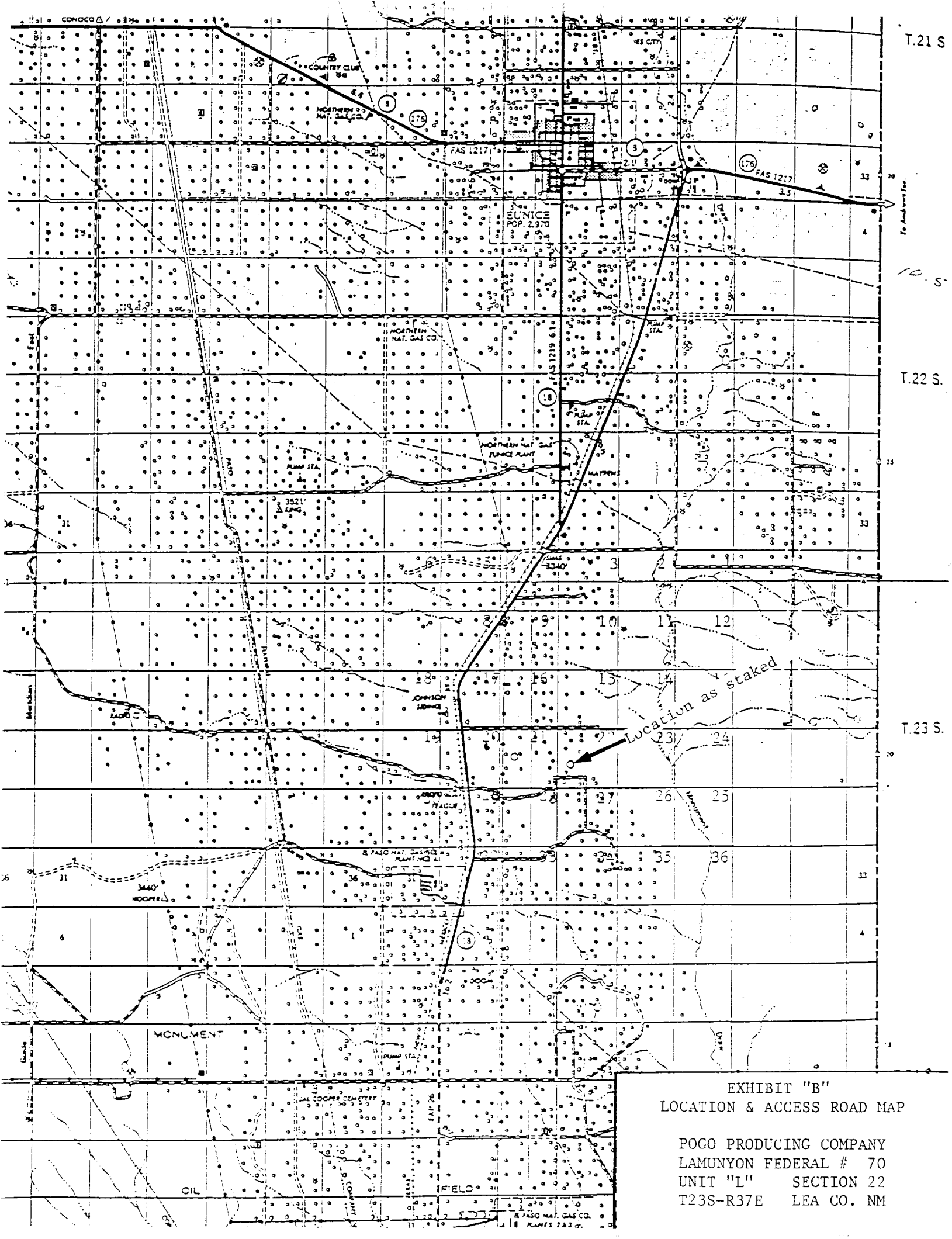
During and after construction:

POGO PRODUCING COMPANY
 P.O. BOX 10340
 MIDLAND, TEXAS 79702-7340
 OFFICE PHONE 915-685-8100
 MR. RICHARD WRIGHT 915-685-8140

13. CERTIFICATION: - I hereby certify that I, or persons under my 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 Pogo Producing company, its contractors/subcontractors is in the conformity 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 statement.

NAME : Joe T Janica
 DATE : 01/27/00
 TITLE : Agent





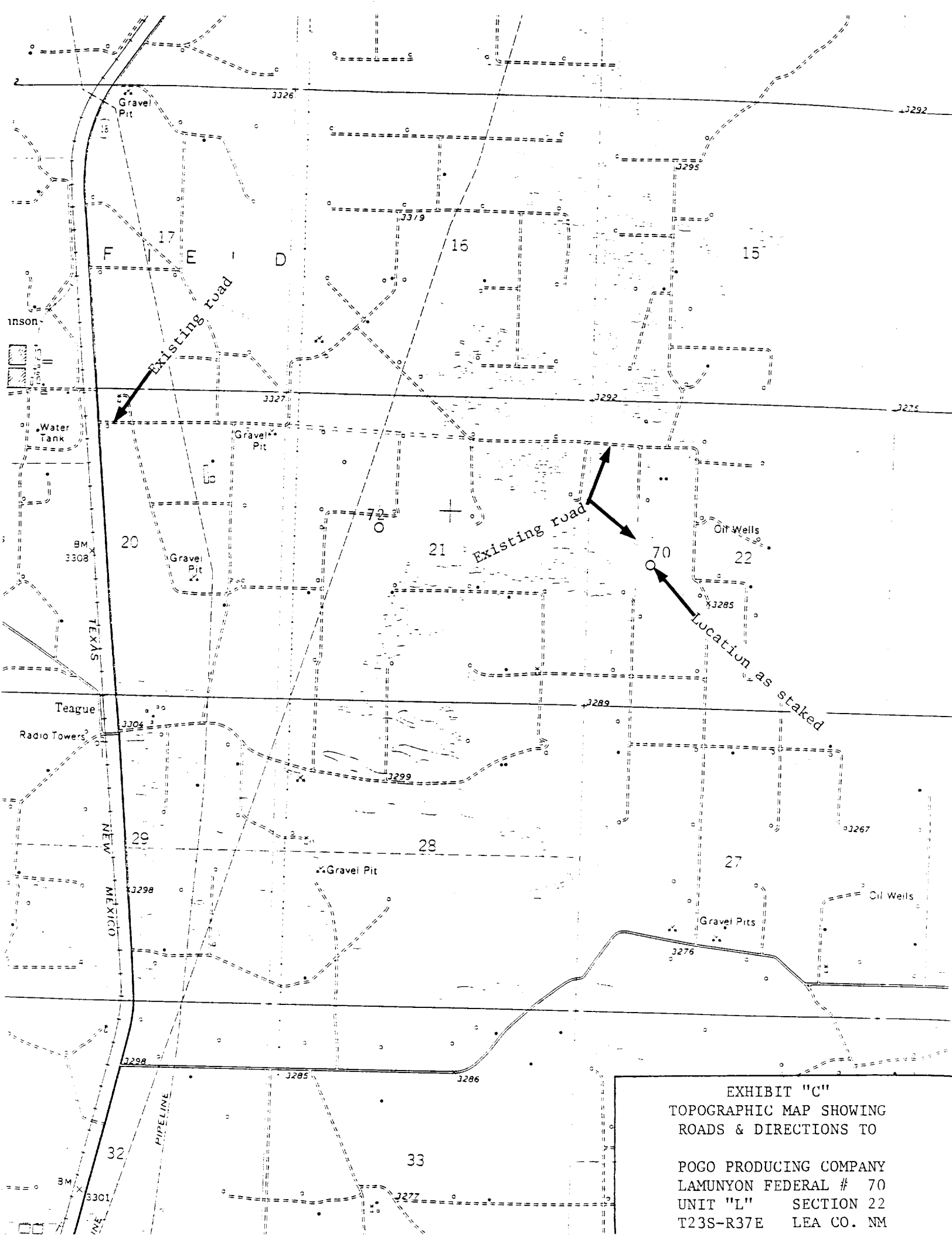
T.21 S.

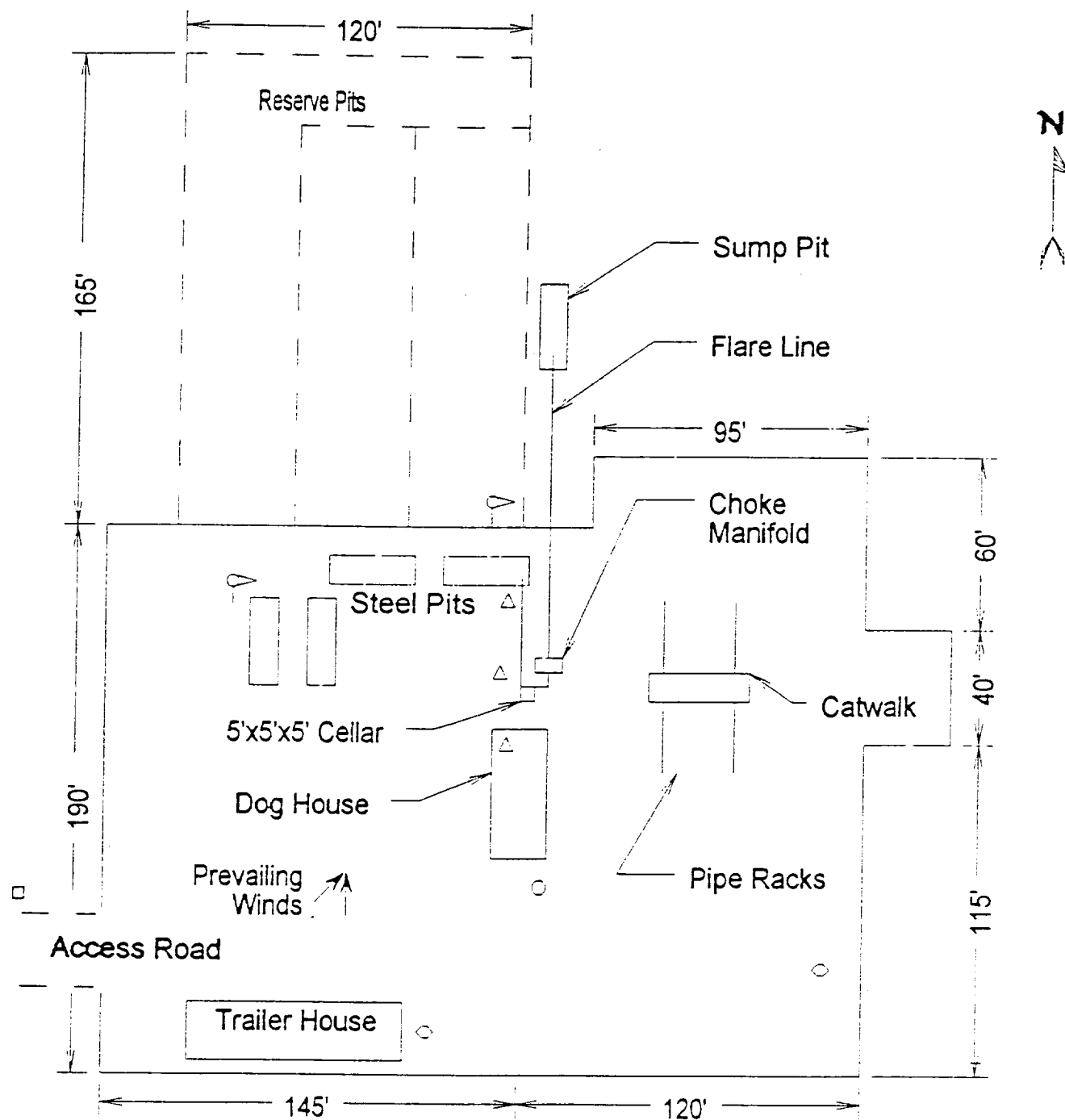
T.22 S.

T.23 S.

EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E 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 LAYOUT PLAT

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E LEA CO. NM

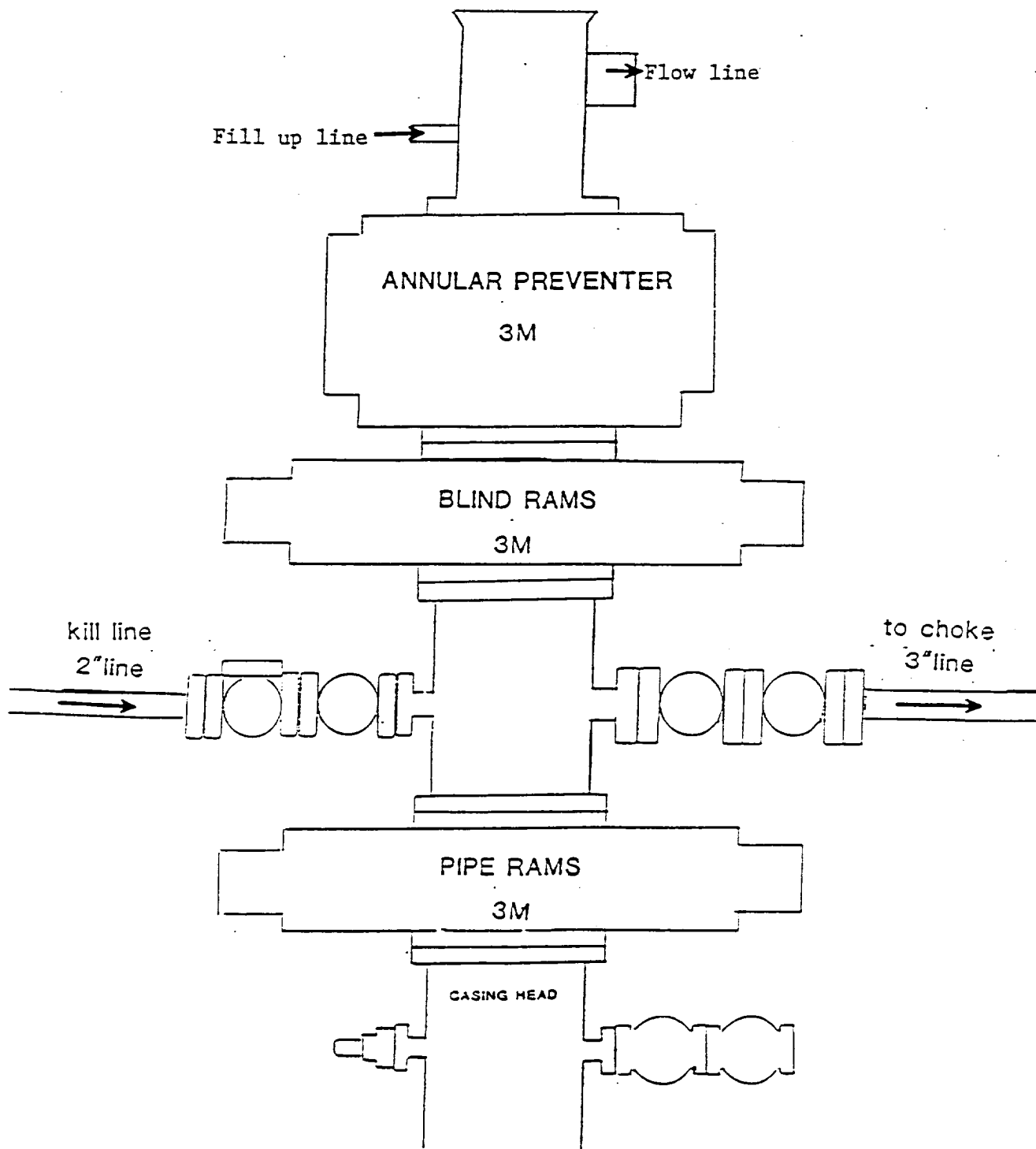
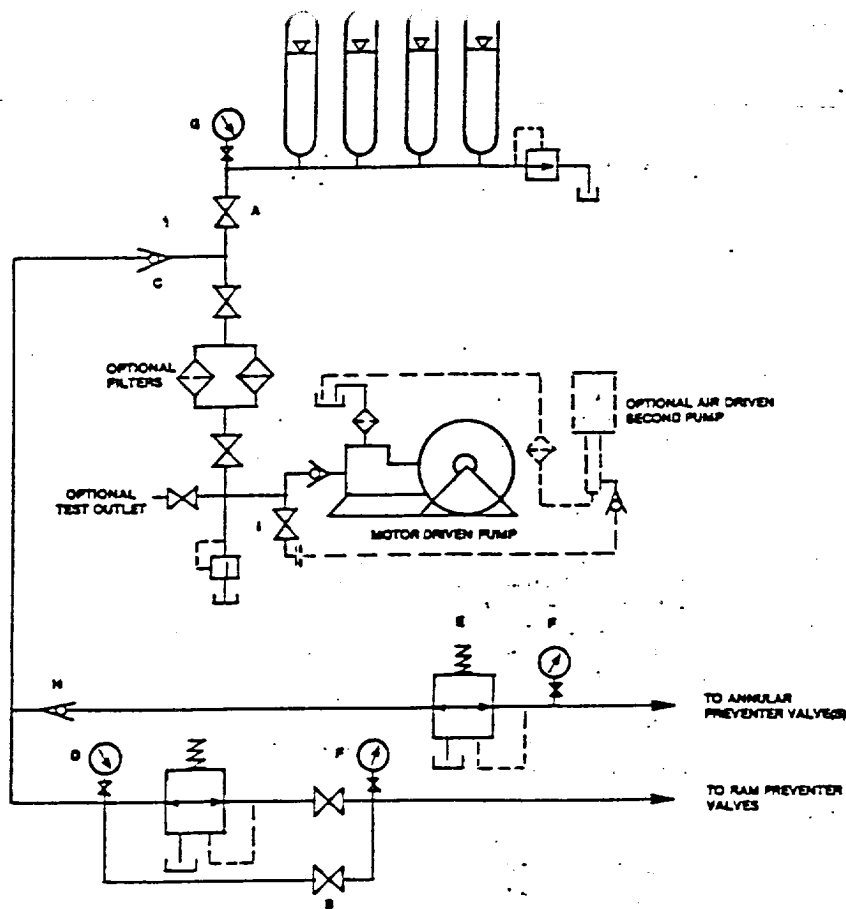


EXHIBIT "E"
SKETCH OF B.O.P. TO BE USED ON

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E LEA CO. NM



HAND AJUSTABLE CHOKE

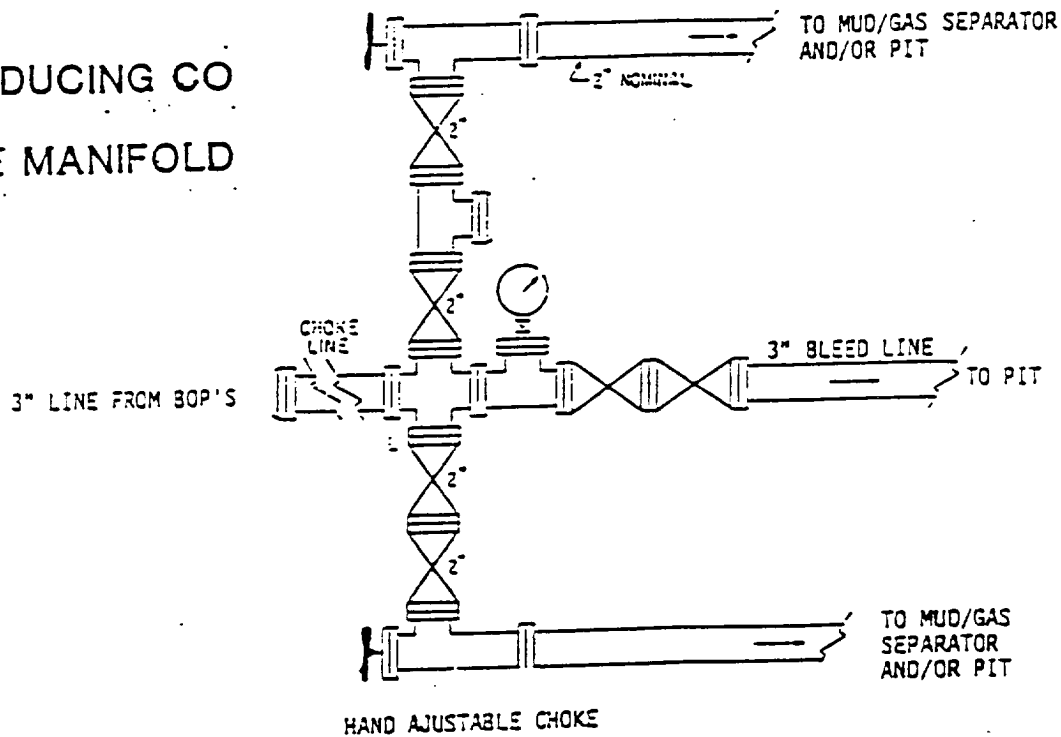


EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

POGO PRODUCING COMPANY
LAMUNYON FEDERAL # 70
UNIT "L" SECTION 22
T23S-R37E LEA CO. NM

POGO PRODUCING CO
3M CHOKE MANIFOLD

ELF

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

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