Form 3160-3
(July 1992)

New Mexico Oil Conservation Division
1625 N. French Dr.

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]	5. LEASE DESIGNATION AND SERIAL NO.: NM 2379
b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT AGREEMENT NAME:
2. NAME OF OPERATOR: POGO PRODUCING COMPANY (RICHARD WRIGHT 915-685-8140)	8. FARM OR LEASE NAME, WELL NO.: COVINGTON "A" FEDERAL # 42
3. ADDRESS AND TELEPHONE NO.: P.O. BOX 10340 MIDLAND, TEXAS 79702 (915-685-8100)	9. API WELL NO.: 30-025-35936
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface: 1980' FSL & 1980' FEL SEC. 26 T22S-R32E LEA CO. NM	10. FIELD AND POOL, OR WILDCAT: RED TANK-BONE SPRING
At proposed prod. zone: SAME	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SECTION 26 T22S-R32E

Carlsbad Controlled Water Basin

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Approximately 30 miles East of Carlsbad 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): 660'	16. NO. OF ACRES IN LEASE: 1280	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.: 2100'	19. PROPOSED DEPTH: 9200'	20. ROTARY OR CABLE TOOLS: ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3724' GR.		22. APPROX. DATE WORK WILL START*: WHEN APPROVED

23. PROPOSED CASING AND CEMENTING PROGRAM

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.
17½"	H-40 13 3/8"	48	1000'	1000 Sx. circulate to surface
12¼"	J-55,S-80 8 5/8"	32	4700'	1800 Sx. " " "
7 7/8"	N-80,J-55 5½"	17	9200'	1200 Sx. 3000'± from surface

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 1000'. Run and set 1000' of 13 3/8" 48# H-40 ST&C casing. Cement with 1000 Sx. of Class "C" cement + ¼# Flocele/Sx.+ 2% CaCl, circulate cement to surface.
3. Drill 12¼" hole to 4700'. Run and set 4700' of 8 5/8" casing as follows: 500' of 8 5/8" 32# S-80 ST&C, 4200' of 8 5/8" 32# N-80 ST&C . Cement with 1800 Sx. of Class "C" cement + ¼# Flocele/Sx. + 2% CaCl, circulate cement to surface.
4. Drill 7 7/8" hole to 9200'. Run and set 9200' of 5½" casing as follows: 1700' of 5½" 17# N-80 LT&C casing, 6500' of 5½" 17# J-55 LT&C, 1000' of 5½" 17# N-80 LT&C casing. Cement in in two stages with DV tool at 6500'±. Cement with 1200 Sx. of Class "H" cement + additives cement top estimate to be 3000' from surface.

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 04/25/02

(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

CONDITIONS OF APPROVAL, IF ANY:

OPER. OGRID NO. 17891
PROPERTY NO. 9316
POOL CODE 51683
EFF. DATE 6-25-02
API NO. 30-025-35936

APPROVED BY /S/ JOE G. LARA TITLE ACTING FIELD MANAGER DATE JUN 21 2002

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

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
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, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-025-35936	51683	RED TANK -BONE SPRING

Property Code	Property Name	Well Number
009316	COVINGTON A FEDERAL	42

OGRID No.	Operator Name	3503'
17891	POGO PRODUCING COMPANY	3724'

Surface Location

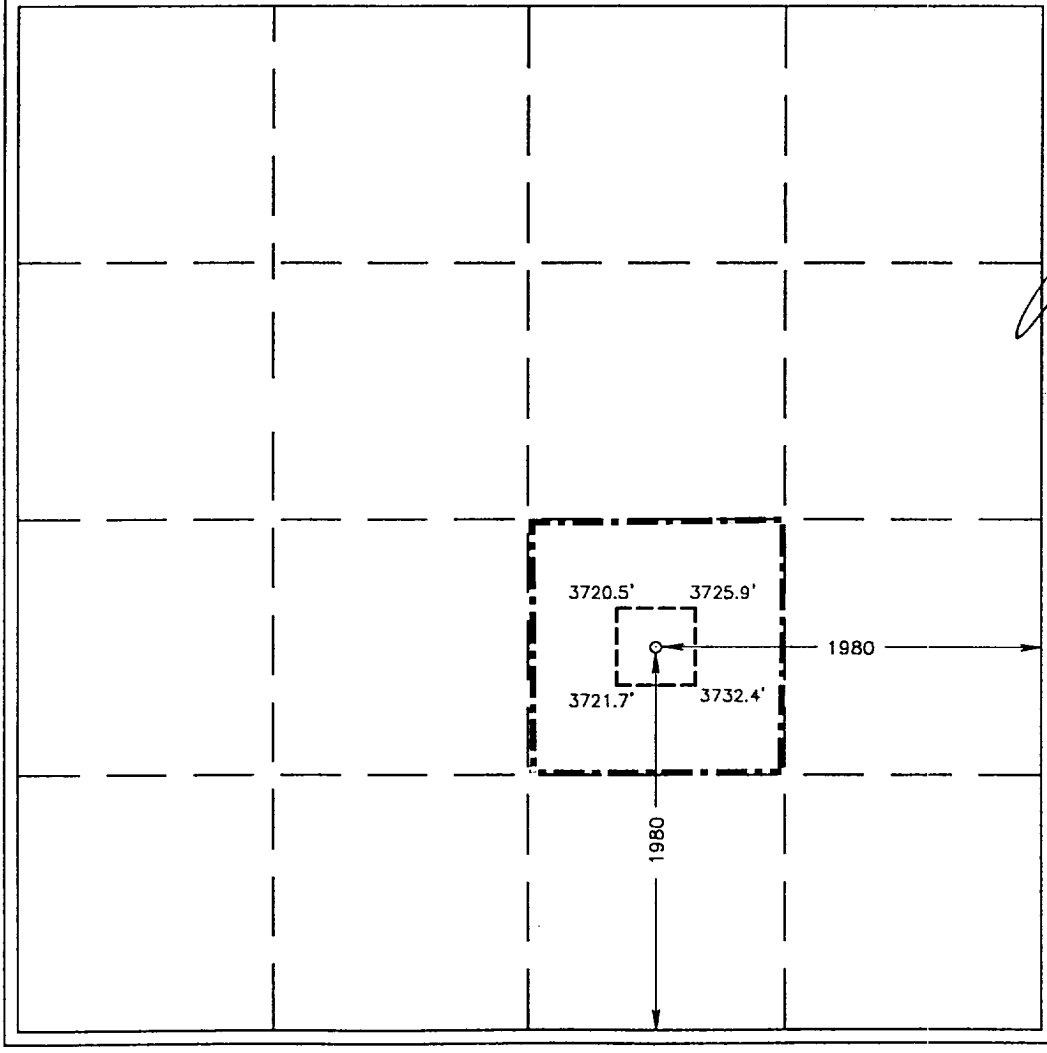
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	22-S	32-E		1980	SOUTH	1980	EAST	LEA

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

04/25/02
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 supervison, and that the same is true and correct to the best of my belief.

APRIL 3, 2002

Date Surveyed AWB

Signature & Seal of Professional Surveyor

RONALD J. EIDSON
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR

4/04/02

02.11.0259

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

EXHIBIT "A"

APPLICATION TO DRILL

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL # 42
UNIT "J" SECTION 26
T22S-R32E 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: 1980' FSL & 1980' FEL SEC. 26 T22S-R32E LEA CO. NM

2. Elevation above Sea Level: 3724' GR.

3. Geologic name of surface formation: Quaternery 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: 9200'

6. Estimated tops of geological markers:

Rustler	900'	Ramsey Sand	4920'
Base of Salt	4350'	Cherry Canyon Sd.	6000'
Basal Anhydrite	4500'	Brushy Canyon Sd.	7000'
Delaware	4842'	Bone Spring	8730'

7. Possible mineral bearing formations:

Delaware	Oil
Bone Spring	Oil

8. Casing program:

Hole size	Interval	OD of casing	Weight	Thread	Collar	Grade
25"	0-40	20"	NA	NA	NA	Conductor
17½"	0-1000'	13 3/8"	48	8-R	ST&C	H-40
12¼"	0-4700'	8 5/8"	32	8-R	ST&C	S-80 J-55
7 7/8"	0-9200'	5½"	17	8-R	LT&C	N-80 J-55

APPLICATION TO DRILL

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL # 42
UNIT "J" SECTION 26
T22S-R32E LEA CO. NM

9. CEMENTING & SETTING DEPTH:

20"	Conductor	Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
13 3/8"	Surface	Set 1000' of 13 3/8" 48# H-40 ST&C casing. Cement with 1000 Sx. of Class "C" cement + 2% CaCl, + ¼# Flocele/Sx. circulate cement to surface.
8 5/8"	Intermediate	Set 4700' of 8 5/8" casing as follows: 500' of 8 5/8" 32# S-80, 4200' of 8 5/8" 32# J-55 ST&C. CEment with 1800 Sx. of Class "C" cement + additives, circulate cement to surface.
5½"	Production	Set 9200' of 5½" casing as follows: 1700' of 5½" 17# N-80, 6500' of 17# J-55, 1000' of 5½" 17# N-80 all LT&C casing. Cement in 2 stages, DV tool at 6500'±. 1st stage cement with 600 Sx. of Class "H" Premium cement + additives, 2nd stage cement with 600 Sx. of Class "H" + additived estimate top of cement 3000' 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 13 3/8" 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 2" 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
40-1000'	8.4-8.6	29-34	NC	Fresh water system use paper to control seepage.
1000-4700'	10.0-10.3	29-36	NC	Brine water system use paper to control seepage and high viscosity sweepw to clean hole.
4700-9200'	8.4-8.6	29-38	NC	Fresh water mud use high viscosity sweeps to clean hole and drispac system if water loss control is required.

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

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL # 42
UNIT "J" SECTION 26
T22S-R32E LEA CO. NM

12. TESTING, LOGGING, & COREING PROGRAM:

A. Open hole logs: Dual-Induction, SNP.LDT, CNL, Gamma Ray, Caliper from TD. to intermediate casing shoe. Gamma Ray, Neutron from intermediate casingshoe to surface.

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

C. Mud logger will be placed on hole at 4700'±.

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 of unsafe levels of H_2S. 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 4250 ± PSI & estimated BHT 165°.

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 31 days. If production casing is run an additional 30 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 Bone Spring pay is indicated it will be perforated and stimulated. Then if necessary the pay will be swab tested and completed as an oil well.

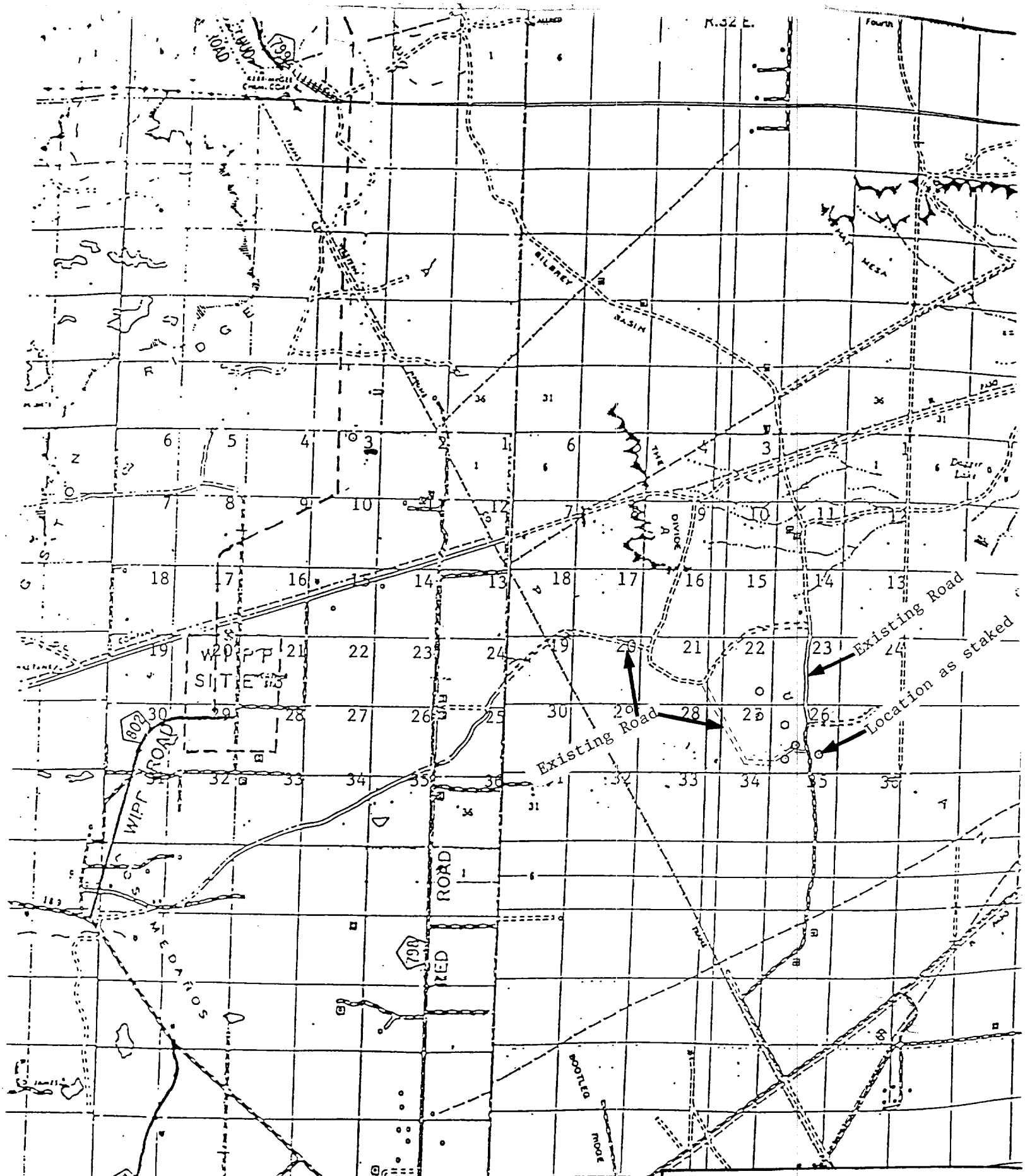
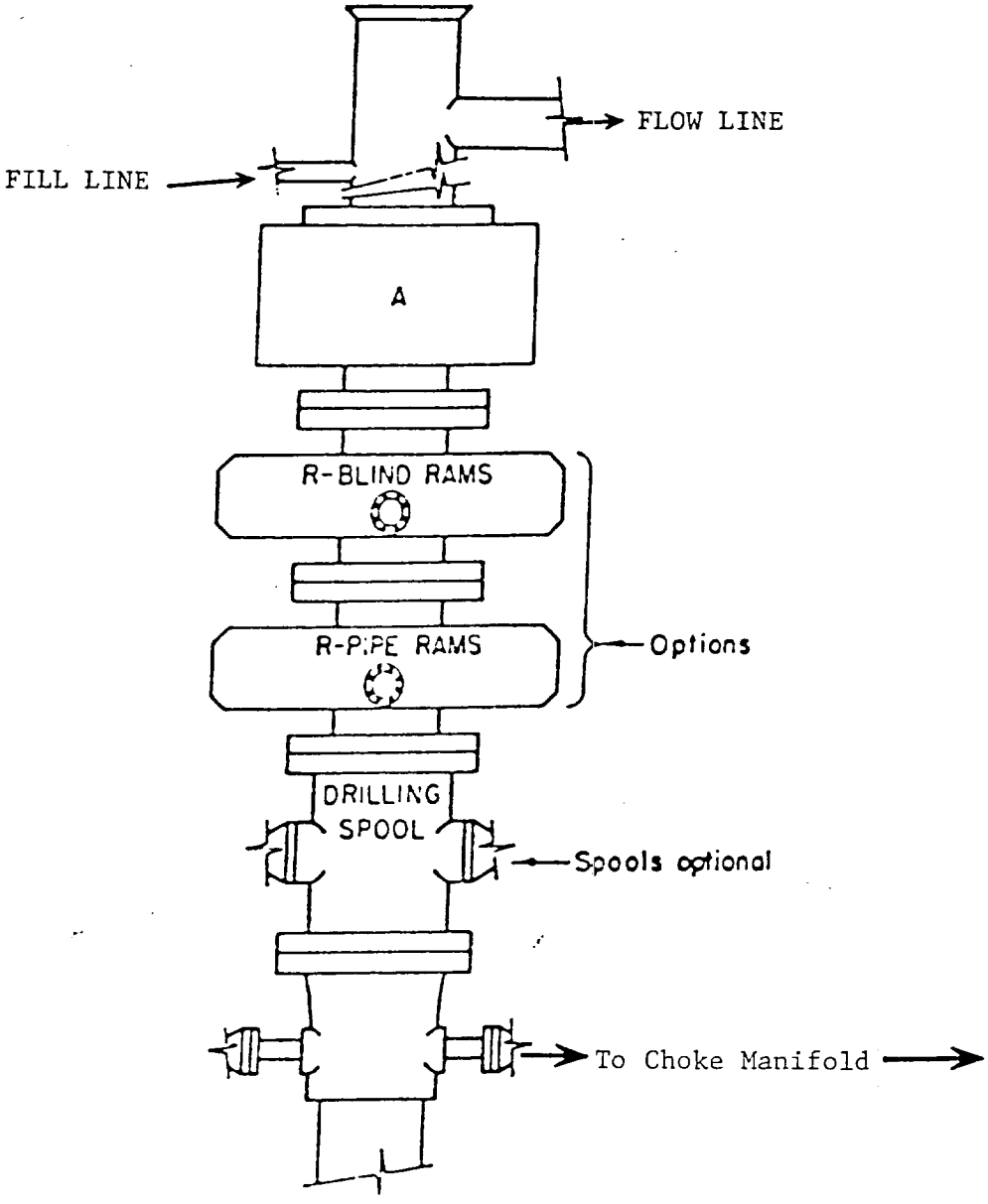


EXHIBIT "B"
LOCATION & ACCESS ROAD MAP

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL # 42
UNIT "J" SECTION 26
T22S-R32E LEA CO. NM



ARRANGEMENT SRRA

900 Series
3000 PSI WP

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

POGO PRODUCING COMPANY
COVINGTON "A" FEDERAL # 42
UNIT "J" SECTION 26
T22S-R32E LEA CO. NM

ELF 1/7/03

ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED