

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. PENROC OIL CORPORATION P.O. BOX 5970 HOBBS, NM 88241-5970		GRID Number 017213
Property Code 17320	Property Name TOBAC STATE 29	API Number 30-0420878
		Well No. 1

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	8S	33E		660	NORTH	660	WEST	CHAVES

Proposed 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

Proposed Pool 1 TOBAC PENN 59350					Proposed Pool 2				
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Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4394
Multiple NO	Proposed Depth 9100	Formation BOUGH C	Contractor UNKNOWN	Spud Date AUG. 29, 1995

Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17"	13 3/8"	48#	400	450	SURFACE
12 1/2"	8 5/8"	24#	3600	1000	SURFACE
7 7/8"	5 1/2"	17#	9100	1250	3000

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

THE OPERATOR PROPOSES TO DRILL TO A DEPTH (9100') SUFFICIENT TO TEST THE BOUGH "C" FORMATION FOR OIL AND GAS. IF PRODUCTIVE 5 1/2" CASING WILL BE CEMENTED TO SURFACE. SPECIFIC B.O.P. PROGRAM, MUD PROGRAM, LOCATION AND ELEVATION PLATS ARE ATTACHED.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *M. Y. Merchant*

Printed name: M. Y. (MERCH) MERCHANT

Title: PRESIDENT

Date: 7/31/95

Phone: 505-397-3596

OIL CONSERVATION DIVISION

Approved by: Orig. Signed by
Paul Kuntz

Title: *Paul Kuntz*
Approval Date: AUG 02 1995
Expiration Date:

Conditions of Approval:
Attached ☐

C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

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| <p>1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.</p> <p>2 Operator's name and address</p> <p>3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.</p> <p>4 Property code. If this is a new property the OCD will assign the number and fill it in.</p> <p>5 Property name that used to be called 'well name'</p> <p>6 The number of this well on the property.</p> <p>7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.</p> <p>8 The proposed bottom hole location of this well at TD</p> <p>9 and 10 The proposed pool(s) to which this well is being drilled.</p> <p>11 Work type code from the following table:
 N New well
 E Re-entry
 D Drill deeper
 P Plugback
 A Add a zone</p> <p>12 Well type code from the following table:
 O Single oil completion
 G Single gas completion
 M Multiple completion
 I Injection well
 S SWD well
 W Water supply well
 C Carbon dioxide well</p> <p>13 Cable or rotary drilling code
 C Propose to cable tool drill
 R Propose to rotary drill</p> <p>14 Lease type code from the following table:
 F Federal
 S State
 P Private
 N Navajo
 J Jicarilla
 U Ute
 I Other Indian tribe</p> <p>15 Ground level elevation above sea level</p> <p>16 Intend to multiple complete? Yes or No</p> <p>17 Proposed total depth of this well</p> | <p>18 Geologic formation at TD</p> <p>19 Name of the intended drilling company if known.</p> <p>20 Anticipated spud date.</p> <p>21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement</p> <p>22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.</p> <p>23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.</p> |
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RECEIVED

UCC PUBLIC
OFFICE

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

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

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

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

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	TOBAC PENN	Pool Name
Property Code	Property Name TOBAC STATE 29		Well Number 1
OGRID No. 017213	Operator Name PENROC OIL CORPORATION		Elevation 4394

Surface Location

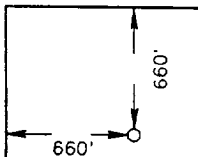
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	29	8 S	33 E		660	NORTH	660	WEST	CHAVES

Bottom Hole Location If Different From Surface

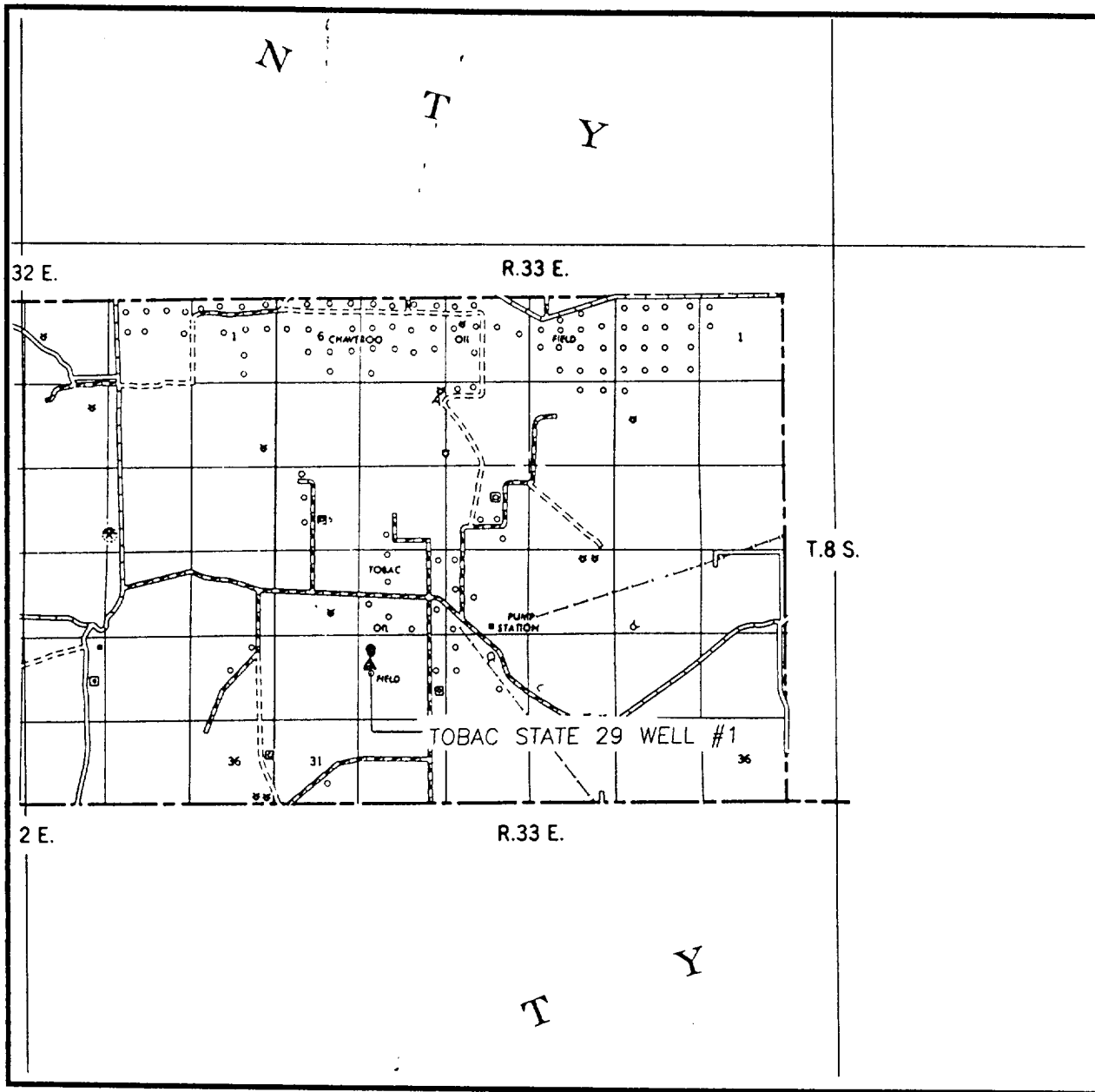
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

	<p>RECEIVED JUL 27 1995</p>			OPERATOR CERTIFICATION	
				I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature MOHAMMED YAMIN MERCHANT Printed Name PRESIDENT Title JULY 31, 1995 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.		
			JUNE 7, 1995 Date Surveyed Signature & Seal of Professional Surveyor RONALD J. EIDSON 7-25-95 Certificate No. 95-15090 676 3239 12641		

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 29 TWP. 8-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 660' FNL & 660' FWL

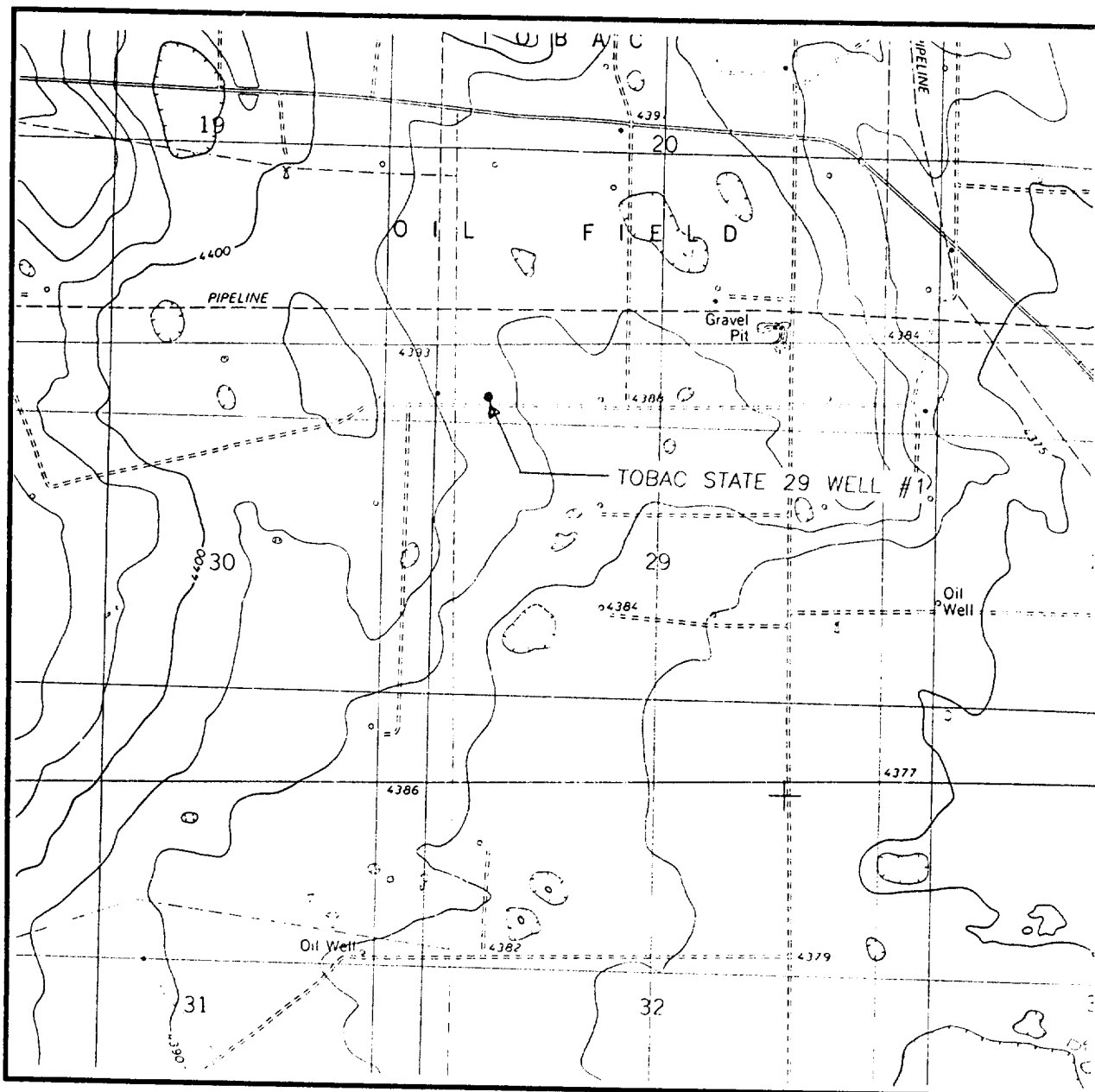
ELEVATION 4394

OPERATOR PENROCK OIL CORPORATION

LEASE TOBAC STATE 29

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
FLYING M RANCH - 5'

SEC. 29 TWP. 8-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 660' FNL & 660' FWL

ELEVATION 4394

OPERATOR PENROCK OIL CORPORATION

LEASE TOBAC STATE 29

U.S.G.S. TOPOGRAPHIC MAP

FLYING M RANCH, N.M.

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

SUPPLEMENTAL DRILLING DATA

PENROC OIL CORPORATION
Tobac "29" State No. 1
NW/4, NW/4 Sec. 29, T-8-S, R-33-E
Chaves County, New Mexico

The following items supplement Forms C-101 and C-102 in accordance with instructions contained in New Mexico Oil Conservation Division Rules and Regulations:

1. SURFACE INFORMATION: Tertiary

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Red Beds	300'	Glorieta	5520'
Rustler Anhydrite	2270'	Abo	7730'
Yates	2830'	Wolfcamp	8270'
San Andres	4080'	Bough C	8950'

3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATIONS:

0 - 300'	-	Fresh Water
4080'	-	Oil in San Andres Formation
8950'	-	Oil in Bough Formation

4. PROPOSED CASING PROGRAM:

13-3/8" Casing	-	48#, H-40, ST&C, cemented at 400'± with sufficient Class C to circulate.
8-5/8" Casing	-	24#, H-40, ST&C, cemented at 3600'± with 1000 sx HL + 200 sx Class C to circulate.
5-1/2" Casing	-	9100' - 17#, N-80 cemented with 1250 sx.

Equivalent or better grades and weights of casing may be substituted. Additional cement may be used as appropriate.

5. PRESSURE CONTROL EQUIPMENT:

The blowout preventer equipment will consist of 2000# WP double-ram preventers and choke manifold.

6. CIRCULATING MEDIUM:

0	-	400' :	Fresh Water mud (spud)
400'	-	3950':	Brine mud with additives necessary to control viscosity to 28-34 Sec. and weight to 9.6-10.1#/Gal.
3950'	-	8700':	Brine mud with additives to control viscosity to 28-34 Sec. and weight to 9.4-9.7#/Gal. with minimum water loss.
8700'	-	TD :	Brine base mud with weight of 9.0-9.3#/Gal. to minimize pressure on production zone and water loss control.

7. AUXILIARY EQUIPMENT:

Safety valve to fit the drill pipe in use will be kept on the rig floor at all times.

8. TESTING, LOGGING AND CORING PROGRAM:

DST: Drill stem tests will be made when samples, drilling time or other data indicate a test is warranted.

Logging: Logs will include GR-CNL, FDC and DLL logs as determined by well-site geologist.

Coring: None planned.

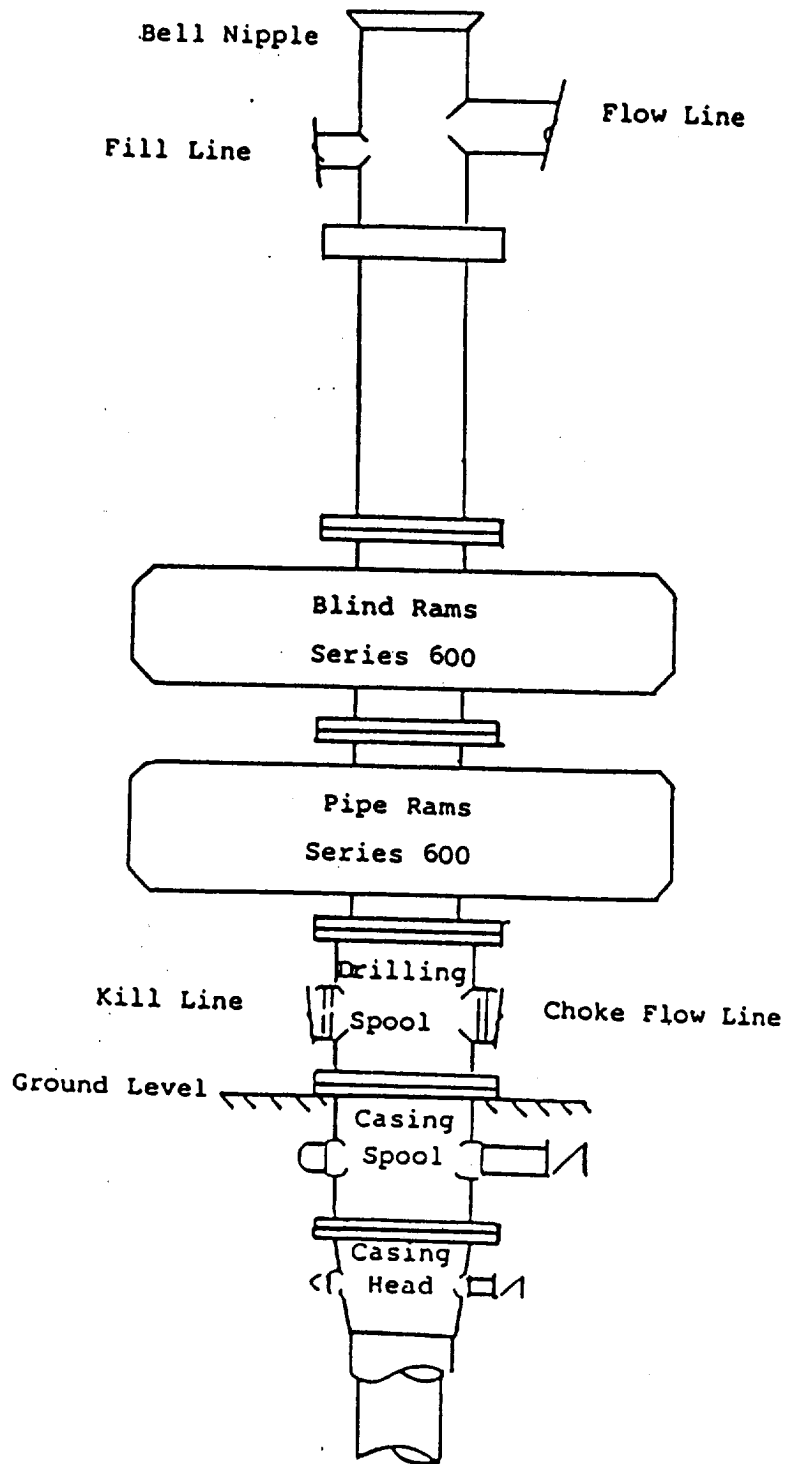
9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE:

None anticipated.

10. ANTICIPATED STARTING DATE:

Work will start as soon as the application is approved and will continue for about sixty (60) days.

PENROC OIL CORPORATION
TOBAC "29" STATE NO. 1
NW/4 NW/4 SEC. 29, T8S, R33E
CHAVES COUNTY, NEW MEXICO



BLOWOUT PREVENTER STACK
Rams Operated Daily
2000#WP

1/29/96

RECEIVED

UCI 10000
10000