

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-30406

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Caudill
2. Name of Operator Foran Oil Company		9. Well No. 2
3. Address of Operator 8340 Meadow Road, Suite 158, Dallas, TX 75231		10. Field and Pool, or Wildcat Lovington Penn, NE
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>810</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>8</u> TWP. <u>16S</u> RGE. <u>37E</u> NMPM		12. County Lea
19. Proposed Depth 11,800'		19A. Formation Strawn(Penn)
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, KT, etc.) 3843.4 GL
21A. Kind & Status Plug. Bond One Well		21B. Drilling Contractor Moranco Drlg., Inc.
22. Approx. Date Work will start 6-22-88		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	61 lb.	375'	450	Surface
12 1/4"	8 5/8"	32 lb.	4700'	1500*	350'
7 7/8"	5 1/2"	17 & 20 lb.	11,800'	700&600' (DV)*	4600'

*These are estimated volumes and will be modified after running fluid calipers.
Drill well to 11,800' to test the Strawn(Penn) formation as follows:

- (1) Drill surface hole with fresh water spud mud to about 375' and set surface casing as indicated above.
- (2) Drill out from surface casing, using fresh water native mud with oil to 2000'. Start brine water additions below 2000' before drilling into salt section. Set intermediate pipe as indicated.
- (3) Drill out from intermediate and to about 11,200' w/fresh water gel. Mud up @ 11,200' and drill to TD, maintaining water loss @ 10ml/30 min. If productive, 5 1/2" casing will be set using a DV tool @ 9000' to bring cement to the 8 5/8" casing shoe.
- (4) BOP will be installed on intermediate casing and tested (see attached).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
DUCIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Lea M. Carner Title Exec. V.P. Date 6-15-88

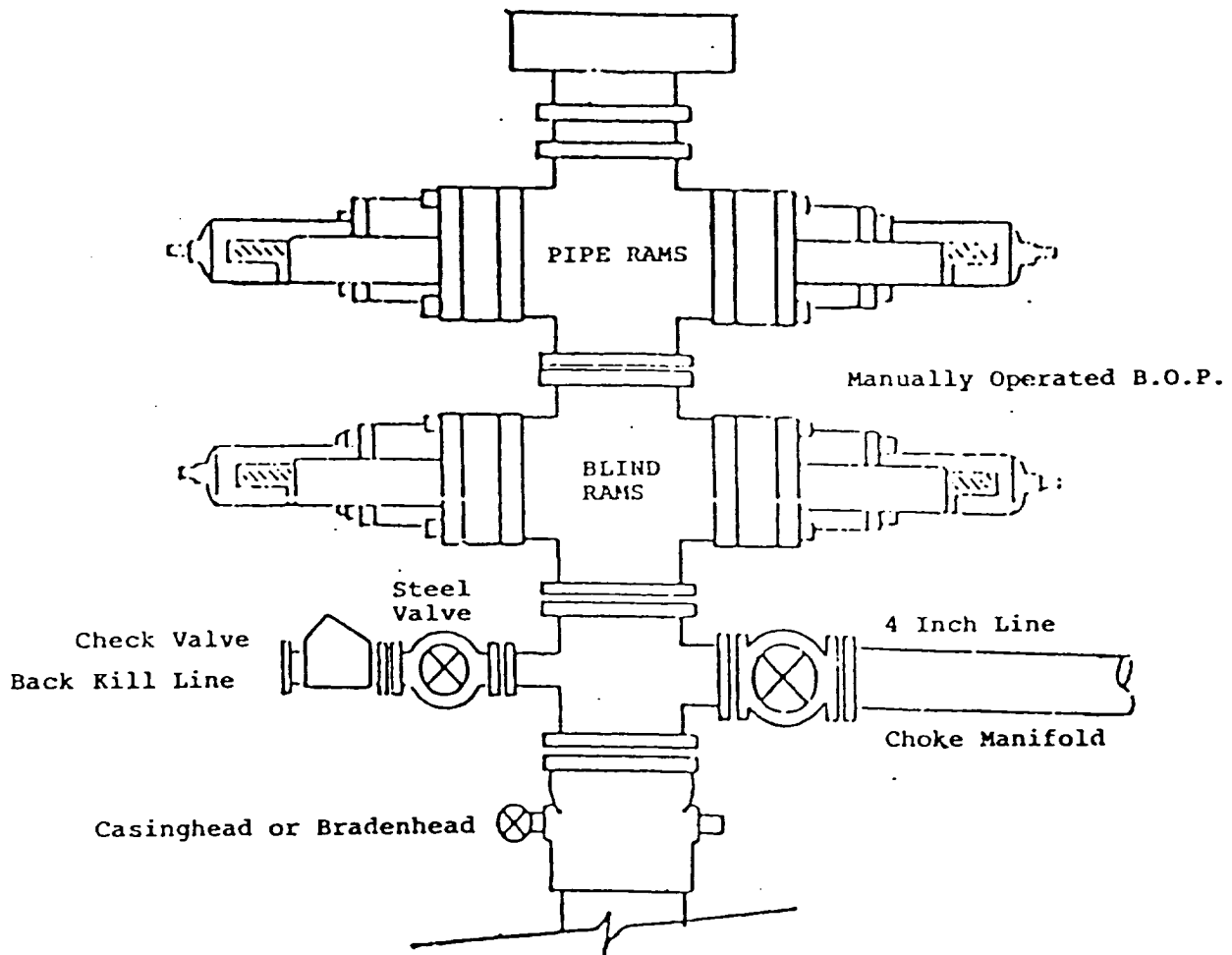
(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE JUN 17 1988

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

BOP DIAGRAM
RATED 3000#



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-85

All distances must be from the outer boundaries of the Section

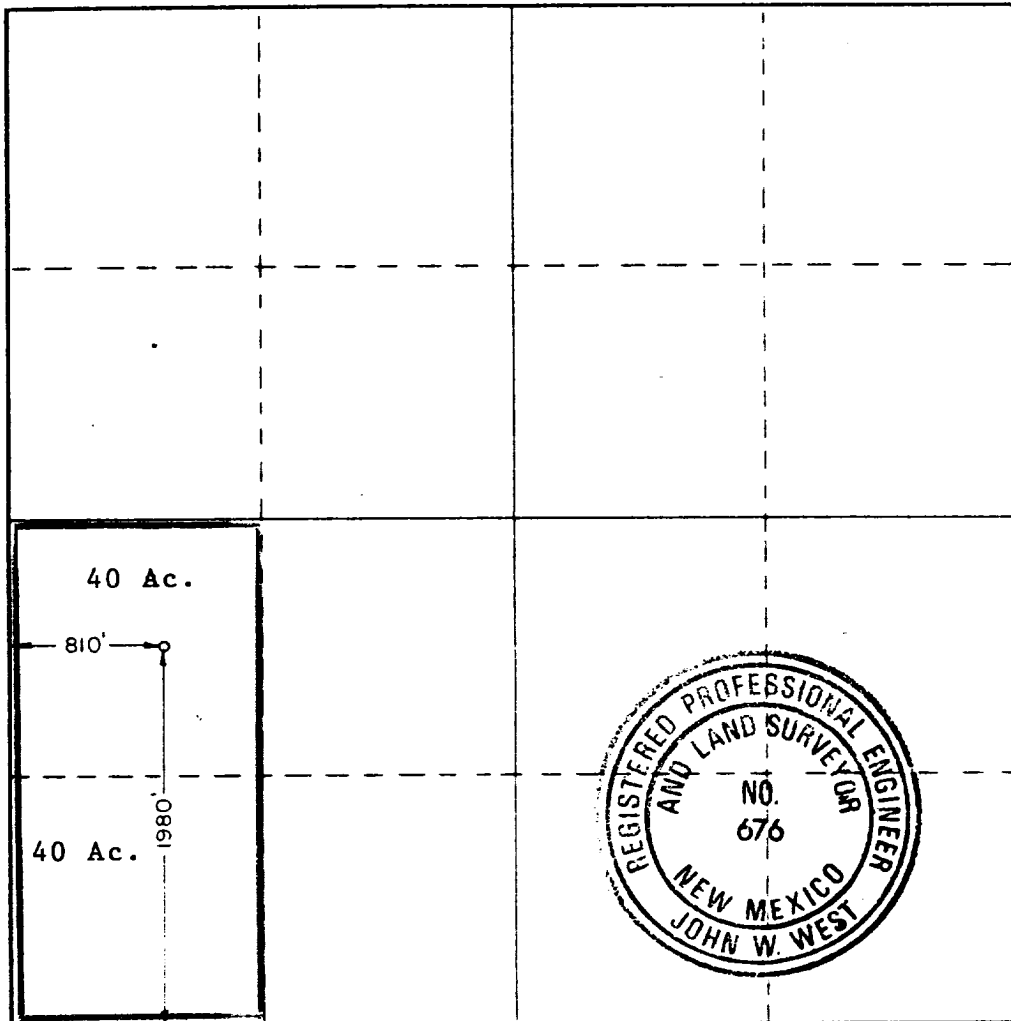
Operator Foran Oil Company			Lease Caudill		Well No. 2
Unit Letter L	Section 8	Township 16 South	Range 37 East	County Lea	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the South line and 810 feet from the West line </div>					
Ground Level Elev. 3843.4	Producing Formation Strawn (Penn)		Pool Lovington Penn, NE		Dedicated Acreage: 80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation NMOCD Force-Pooling Order R-8622 Case No. 9290

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

Lee M. Carner

Name
Exec. Vice President
Position
Foran Oil Company
Company
June 15, 1988
Date

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 knowledge and belief.

Date Surveyed
May 20, 1988

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

173
JUN 29 8-88

RECEIVED
JUN 10 1988
CCC
HOBBS OFFICE