

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

30-105-62742 *File*
Form C-101
Revised 10-1-78

NOV 14 '89

O. C. D.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

ARTESIA OFFICE

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

CAS ☐

OTHER

SINGLE ☐

MULTIPLE ☐

HANAGAN PETROLEUM CORPORATION ✓

P.O. Box 1737 - Roswell, New Mexico 88202

UNIT LAYER E LOCATED 1980 FEET FROM THE North LINE

600 FEET FROM THE West LINE OF SEC. 8 TWP. 13S RGE. 28E NMPM

5A. Indicate Type of Lease

STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

LONG ARROYO

9. Well No.

3

10. Field and Part, if any

Wildcat *Devonian*

12. County

Chaves

19. Proposed Depth

8300'

19A. Formation

Devonian

20. Rotary or Casing

Rotary

3617' GL

21A. Kind & Status Plug. Bond

NM Blanket ✓

21B. Drilling Contractor

Hondo Drilling Co.

22. Approx. Date Work will start

11/15/89

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TIME
12 1/2"	8 5/8"	24#	1600'	1200	Circ.
7 7/8"	5 1/2"	15.5 & 17#	8300'	250	7000

30' of 13 3/8" conductor

*Post ID-1
11-17-89
New loc & API*

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/15/90
UNLESS DRILLING UNDERWAY

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

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

Signed Berk J. Baker Title Agent Date 11/13/89

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

PROVED BY SUPERVISOR, DISTRICT II

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 15 1989

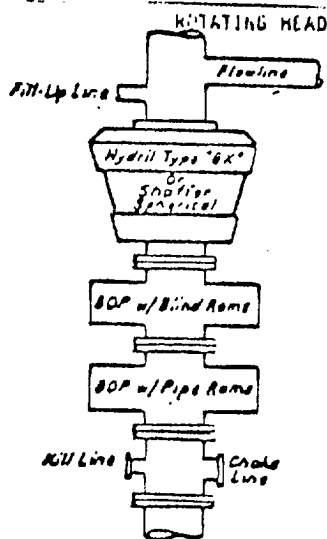
HONDO DRILLING COMPANY

To be posted in doghouse at all times

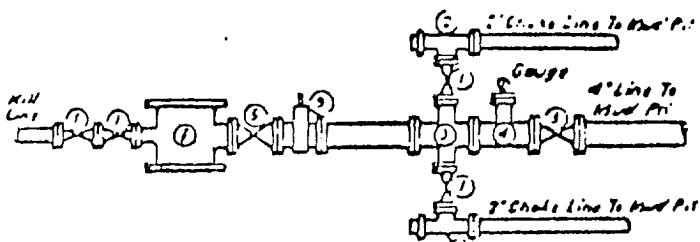
Things each crew member, driller and toolpusher should know:

1. Pressure rating of B.O.P., manifold and wellhead
2. Where pipe rams and blind rams are in B.O.P. Unless changed by operator, they will be as diagramed below. See Hondo Drilling Company Specifications.
3. What valves are opened and closed on B.O.P. and manifold
4. What to do in case of blowout or pit gain
5. Bolts must be in all holes on B.O.P. and manifold flanges before drilling out unless specified otherwise by operator, but without exception below intermediate casing.
6. B.O.P. drills will be conducted on a regular basis.
7. B.O.P. pipe rams will be worked once each day.
8. Blind rams will be worked on each trip.

HONDO DRILLING COMPANY SPECIFICATIONS



BLOWOUT PREVENTER HOOKUP



Do not drill over 5' of any drilling break without checking for flow unless otherwise authorized by operator's representative.

To check flow:

1. Stop rotary and hoist kelly above rotary table.
2. Shut down pump
3. Check for flow
4. If any sign of flow, close hydril or B.O.P.
5. Check shut in pressure on stand pipe and manifold gauges.
6. Call toolpusher and operator's representative

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-7

All distances must be from the outer boundaries of the Section.

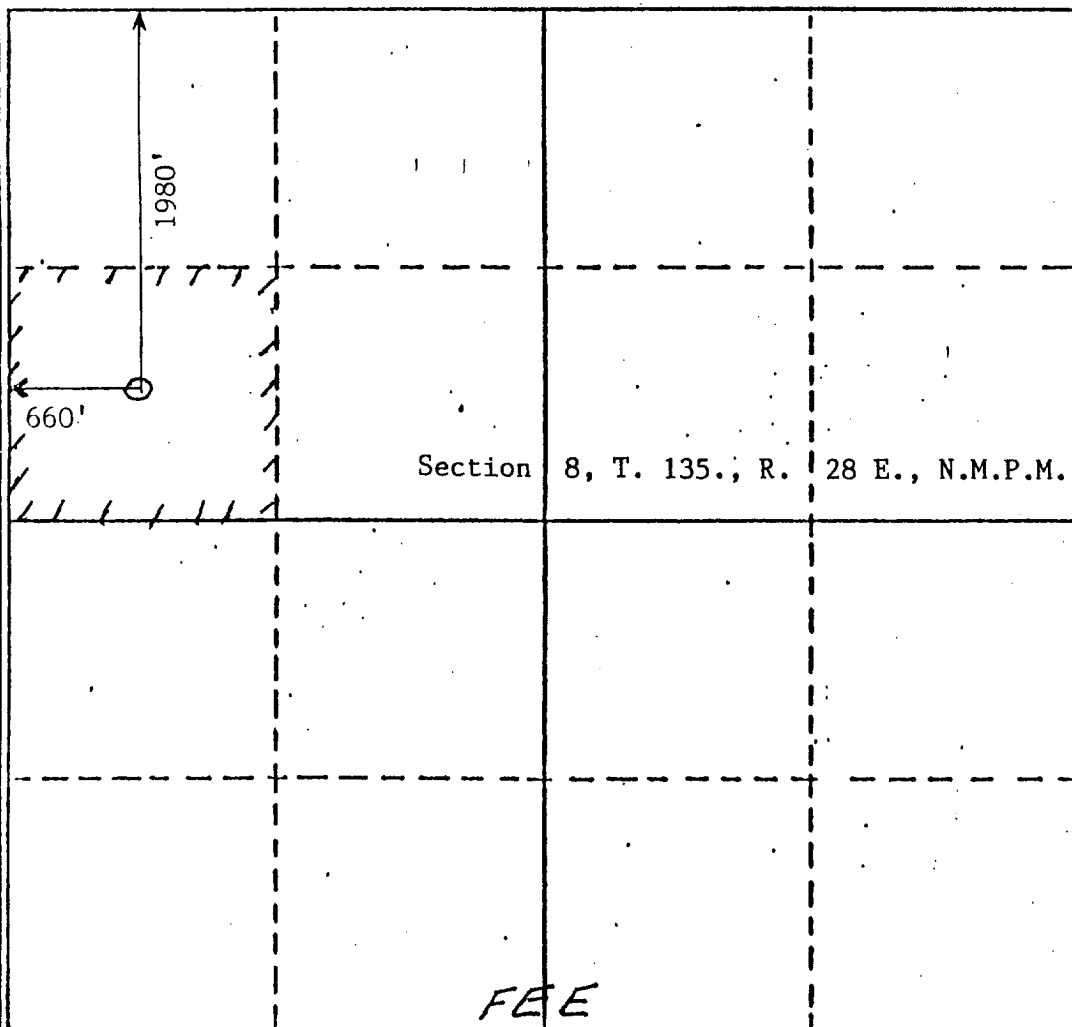
Operator Hanagan Petroleum Corp.			Lease Long Arroyo		Well No. 3
Unit Letter E	Section 8	Township 13 South	Range 28 East	County Chaves	
Actual Footage Location of Well: 660 feet from the West line and 1980 feet from the North line					
Ground Level Elev. 3617	Producing Formation Devonian		Pool Wildcat	Dedicated Acreage: 40 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 _____

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 Division.



CERTIFICATION

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

Hugh E. Hanagan
Name
President

Position
HANAGAN PETROLEUM CORP.

Company
11/13/89

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
November 10, 1989

Registered Professional Engineer
and/or Land Surveyor

John D. Jaquess
John D. Jaquess, P.E. & L.S.

Certificate No. 6290

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600