

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

30-015-21845

6. LEASE DESIGNATION AND SERIAL NO.

NM-0415688-A

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒ARTESIAN OFFICE ☐

2. NAME OF OPERATOR

AMCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

P.O. DRAWER A, LEVELLAND, TEXAS 79336

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1658' FNL x 794' FWL, SEC. 18 (UNIT E SW/4 NW/4)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3081.7 GL

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	400'	CIRCULATE
7 7/8"	5 1/2"	14-15.5#	3450'	Sufficient to tie back into surface pipe.

After drilling well, logs will be run and evaluations made,
perforating and/or stimulating as necessary in attempting
commercial production.

MUD PROGRAM : O-SCP Water & Native Mud.
SCP-TD Brine & Native Mud.

BOP PROGRAM : ATTACHED.

RECEIVED
MAY 14 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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

Ray W. Cox

TITLE

Administrative Assistant

DATE

5/12/76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
MAY 14 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 14 1976

DATE

*See Instructions On Reverse Side

014-USGS-A4

1 - Div.
1 - Susp.
1 - RC
1 - Desc

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

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

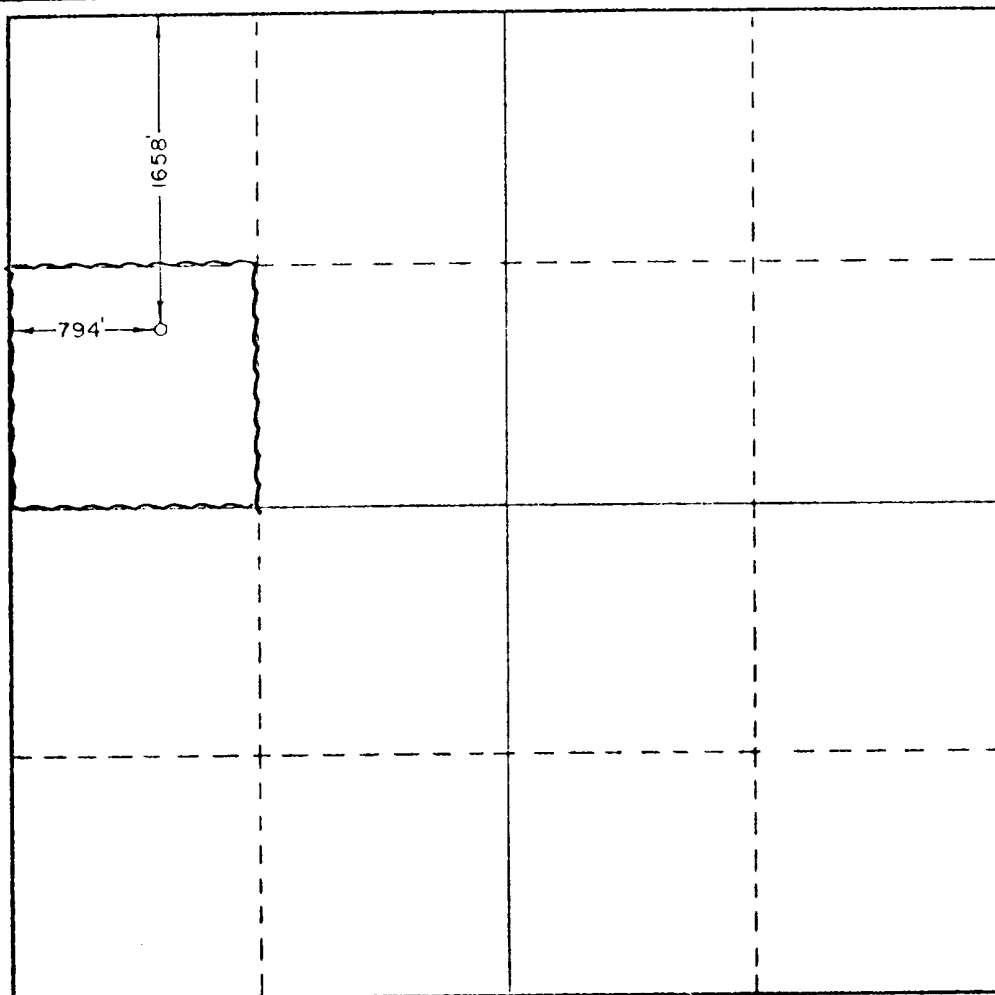
Operator Amoco Production Company			Lease Old Indian Draw Unit Delaware		Well No. 12
Unit Letter E	Section 18	Township 22 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1658 feet from the North line and 794 feet from the West line					
Ground Level Elev. 3081.7	Producing Formation DELAWARE		Pool INDIAN DRAW-DELAWARE		Dedicated Acreage: 3.00 ± 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 Commission.



CERTIFICATION

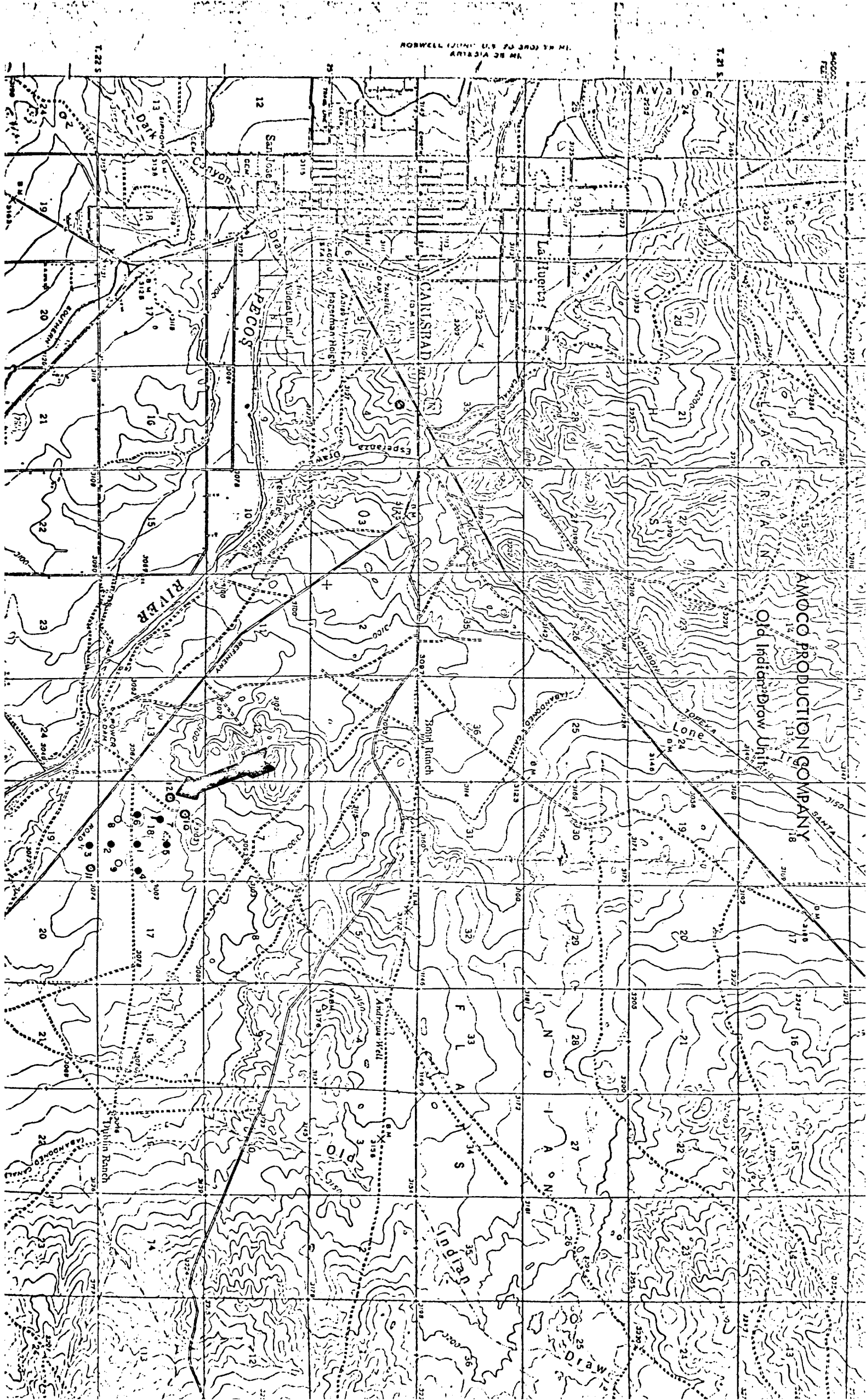
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Ray W. Cox
 Position Administrative Assistant
 Company Amoco Production Company
 Date May 12, 1976

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 6, 1976
 Registered Professional Engineer and/or Land Surveyor
 State of NEW MEXICO
 Certificate No. 676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900



NOBELL (UNIT) U.S. 25 300 10 MI.
IN BE VIEW 750000

T.22 S.

T.21 S.

R.1 E.

R.2 E.

R.3 E.

R.4 E.

R.5 E.

R.6 E.

R.7 E.

R.8 E.

R.9 E.

R.10 E.

R.11 E.

R.12 E.

R.13 E.

R.14 E.

R.15 E.

R.16 E.

R.17 E.

R.18 E.

R.19 E.

R.20 E.

R.21 E.

R.22 E.

R.23 E.

R.24 E.

R.25 E.

R.26 E.

R.27 E.

R.28 E.

R.29 E.

R.30 E.

R.31 E.

R.32 E.

ATTACHMENT TO FORM 9-331C

APPLICATION FOR PERMIT TO DRILL

LEASE OLD INDIAN DRAW UNIT FED WELL NO. 12

LOCATION UNIT E, SEC. 18, T-22-S, R-28-E

POOL INDIAN DRAW - DELAWARE

COUNTY EDDY

The undersigned hereby states that Amoco's representative, Mr. D.C. PEURIFDY, JR., personally contacted L.J. CALLEY, CARLSBAD, N.M., the ~~owner~~/lessee of the surface land where the proposed work is to be conducted and advised him of the proposed work, the construction site and pertinent roads included in the project. It is further stated that, upon being fully advised of the extent of the work and the effect upon the surface, said owner has consented to the said work and that agreement as to the compensation for damages to the surface estate has been reached.

Roy W. Cox
Administrative Assistant

5-12-76
DATE

ATTACHMENT "B"

NOTES

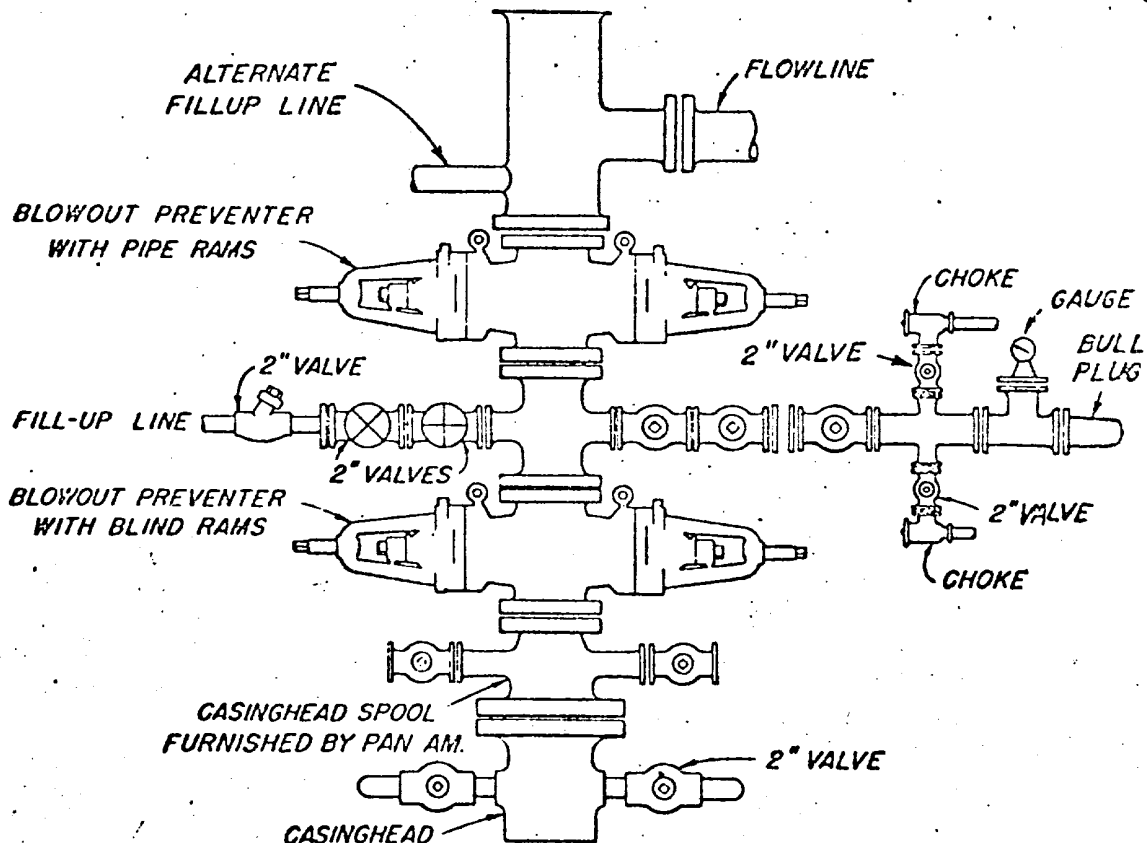
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test), minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6,000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Pan American.
11. Rams in preventers will be installed as follows:

When drilling, use:

Top Preventer - Drill pipe rams
Bottom Preventer - Blind rams or master valve

When running casing, use:

Top Preventer - Casing rams
Bottom Preventer - Blind rams or master valve.



**BLOWOUT PREVENTER HOOK-UP
PAN AMERICAN PETROLEUM CORP.**

EXHIBIT D-1 MODIFIED

JUNE 1, 1962

LEASE & WELL NUMBER OLD INDIAN DRAW UNIT FED #12
LOCATION E-18-22-28 EDDY Co., N.M.

PROPOSED DEVELOPMENT PLAN FOR SURFACE USE.

1. Existing roads including location of exit from main highway.
(SEE ATTACHED MAP)
2. Planned access roads.
(SEE ATTACHED MAP)
3. Location of existing wells
(SEE ATTACHED MAP)
4. Lateral roads to well locations *Construct approx. 1800', 12'W x 6" thick
w/c Caliche road from existing pad @
well # 6 to new well site and pad.*
(SEE ATTACHED MAP)
5. Location of Tank Batteries & Flow Lines.
(SEE ATTACHED MAP)
6. Location and type of water supply.
Fresh & Brine Water to be hauled
_____ Piped from _____
7. Methods for handling waste disposal
All waste material will be pitted, burned, buried or hauled from
location. Suitable trash pits or containers will be provided at
location for containment.
8. & 9. Location of camps and airstrips.
X None _____ SEE ATTACHED MAP
10. Location of layout to include position of rig, mud pits, reserve pits,
burn pits, pipe racks, etc.
Rig Layout, etc. (SEE ATTACHED)
Drilling Pad 230' x 170' x 6" Compacted _____ Surfaced
11. Plans for restoration of Surface
X Producing well - all pits to be cut, filled and levelled.
X Dry hole - all pits to be cut, filled and complete location
cleaned and levelled.
12. Other information that may be used in evaluating the impact on environment.
Flat Terrain

Field personnel responsible for compliance of Development Plan, for Surface Use.

D.R. Williams, AREA FOREMAN, HOBBS, N.M. (PH 393-2167)

OLD INDIAN DRAW UNIT FED. LSE
SEC. 18 & 19, T-22-S, R-28-E, EDDY CO., N.M.

R-28-E

NORTH

T
22
S

PROPOSED:
Well Locations, Roads,
and Flowlines

TANK
BATT

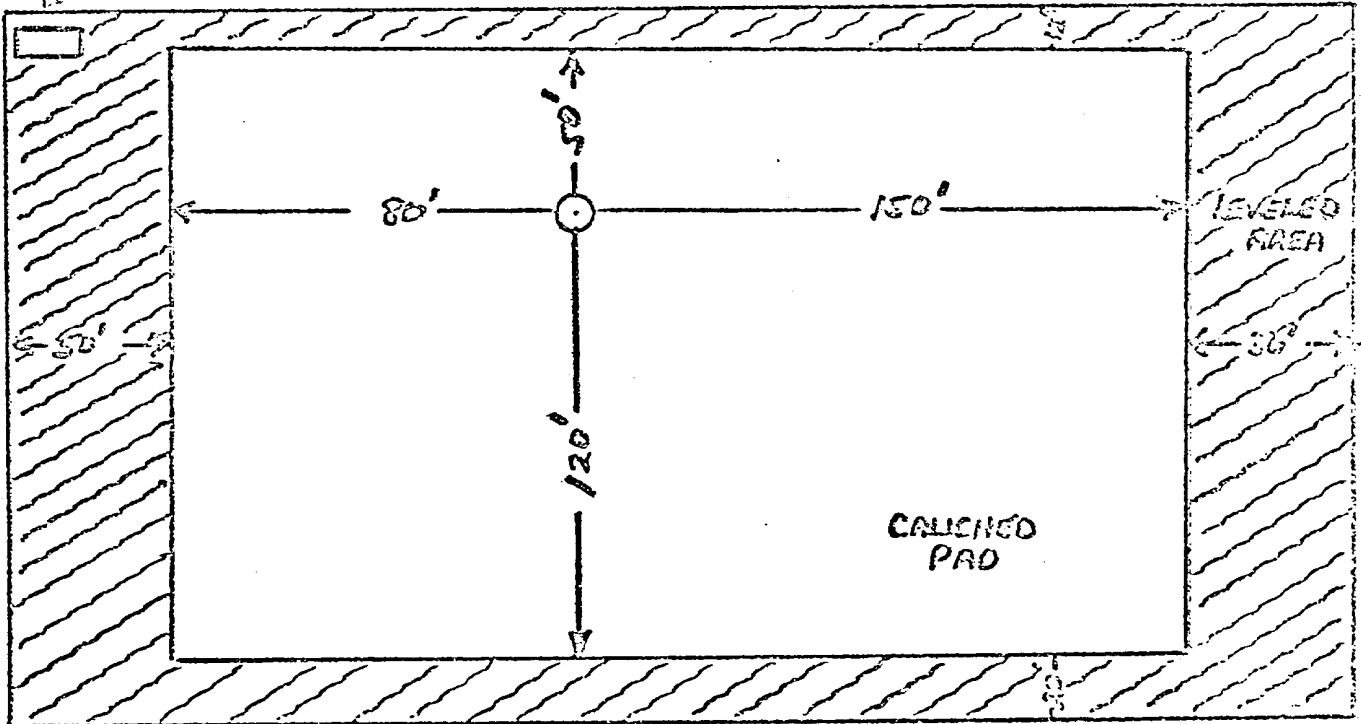
LEGEND

- Existing Roads
- - - Proposed New Roads
- - - Proposed Flowlines

19

LOCATION DIMENSIONS

TRASH PIT
8' x 20' x 6'
S



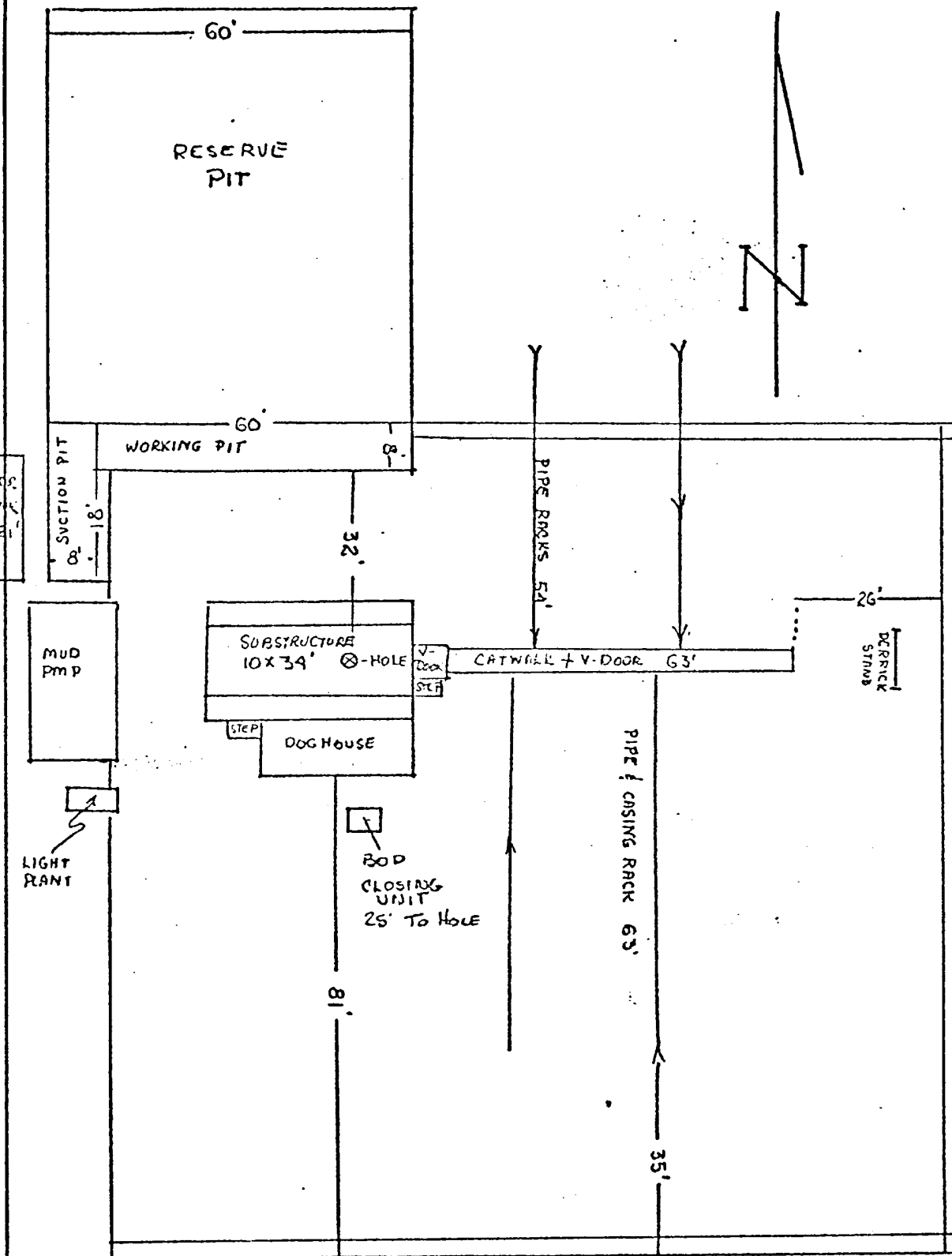
CELLAR SIZE
5' x 5' x 4'

Amoco Production Company

OLD INDIAN DRAW UNIT FED. # 12

SCALE: NONE

DRG.



Amoco Production Company		SCALE:
OLD INDIAN DRAW UNIT FED#12		
GENERAL RIG LAYOUT E-18-22-28 Eddy Co., N.M.		ORG. NO.