

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
Order instructions on
reverse sideForm approved. *07/10/51*
Budget Bureau No. 42-R1423.

30-015-21505

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 ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MCCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

BOX 337, ANDREWS, TEXAS 79714

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

At surface

1980 FSL x 660 FEL Sec 18 (Unit I, NE 1/4 SE 1/4)

At proposed prod. zone

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

Approx 5 1/2 miles East of Carlsbad, N.M.

15. 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.)

(3082.6) 3083' DF

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4 - 11"	8 5/8"	24"	400'	Circ. Sufficient to tie back into surface pipe.
7 7/8"	5 1/2"	14"	3950'	

- After drilling well logs shall be run and evaluations made perforating and stimulating as necessary in attempting commercial production.
- Mud Program: O-SCP-Water & native mud; SGP-TD-Brine & native mud.
- BOP Program: Attached

(This well is one of 4 proposed on the 1475 Unit plan of development per Mr. C. J. Christensen's letter to Mr. C. C. Langwell dated 1-24-75, file, RCJ-50-LF)

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

Roy R. Lyall

TITLE

ADMINISTRATIVE ASSISTANT

DATE

MAR 18 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

0-4- USGS-ARI
1- OIV
1- SUSP
1- RRV
2- PERRY R. BASS
1- MARATHON

MAR 20 1975

L. BECKWOLD

*See Instructions On Reverse Side

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

MAY 22 1975

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION AT

Form C-102
Supersedes C-12A
Effective 1-1-65

All distances must be from the outer boundaries of the Section

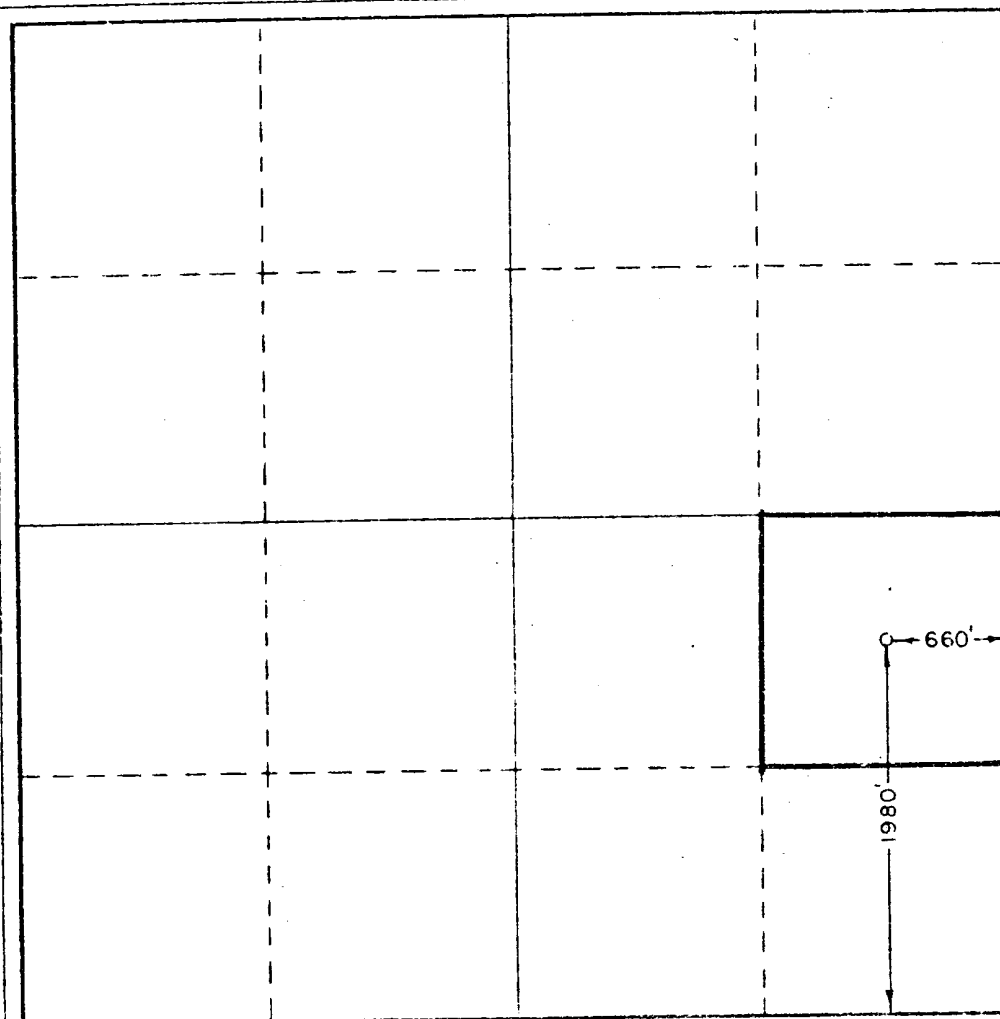
Operator Amoco Production Company			Lease Old Indian Draw Unit FEDERAL		Well No. 4
Tract Letter 1	Section 18	Township 22 South	Range 28 East	County Eddy	
Actual Well Location of Wells: 1980 feet from the South line and 660 feet from the East line					
Ground Level Elev. 3082.6	Producing Formation DELAWARE		Pool INDIAN BASIN-DELAWARE		Dedicated Acreage: 40

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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.

Signature
Ray R. Yakum
Position
ADMINISTRATIVE ASSISTANT

Company
AMOCO PRODUCTION COMPANY

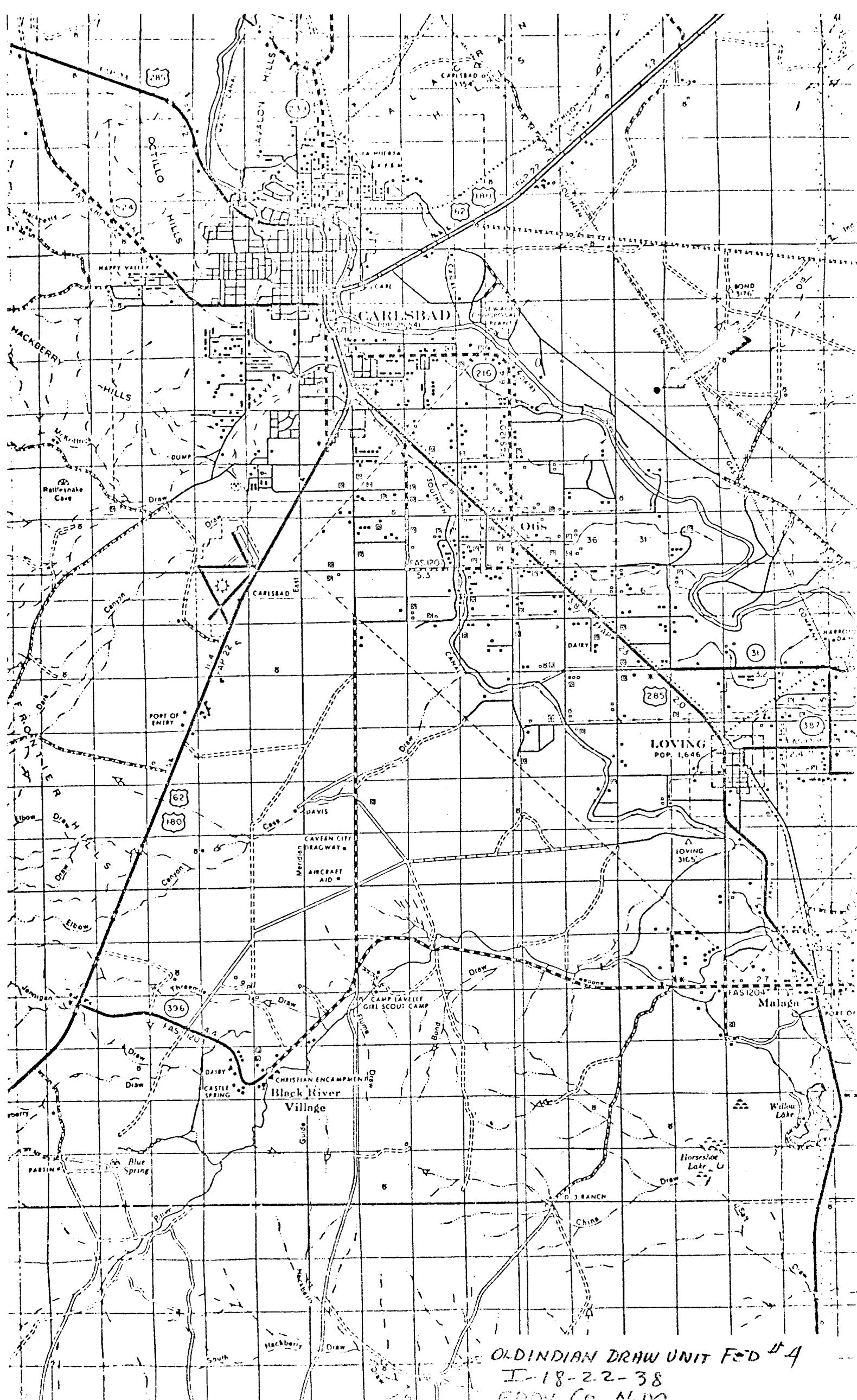
MAR 19 1975

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
March 15, 1975
Registered Professional Engineer
and/or Land Surveyor

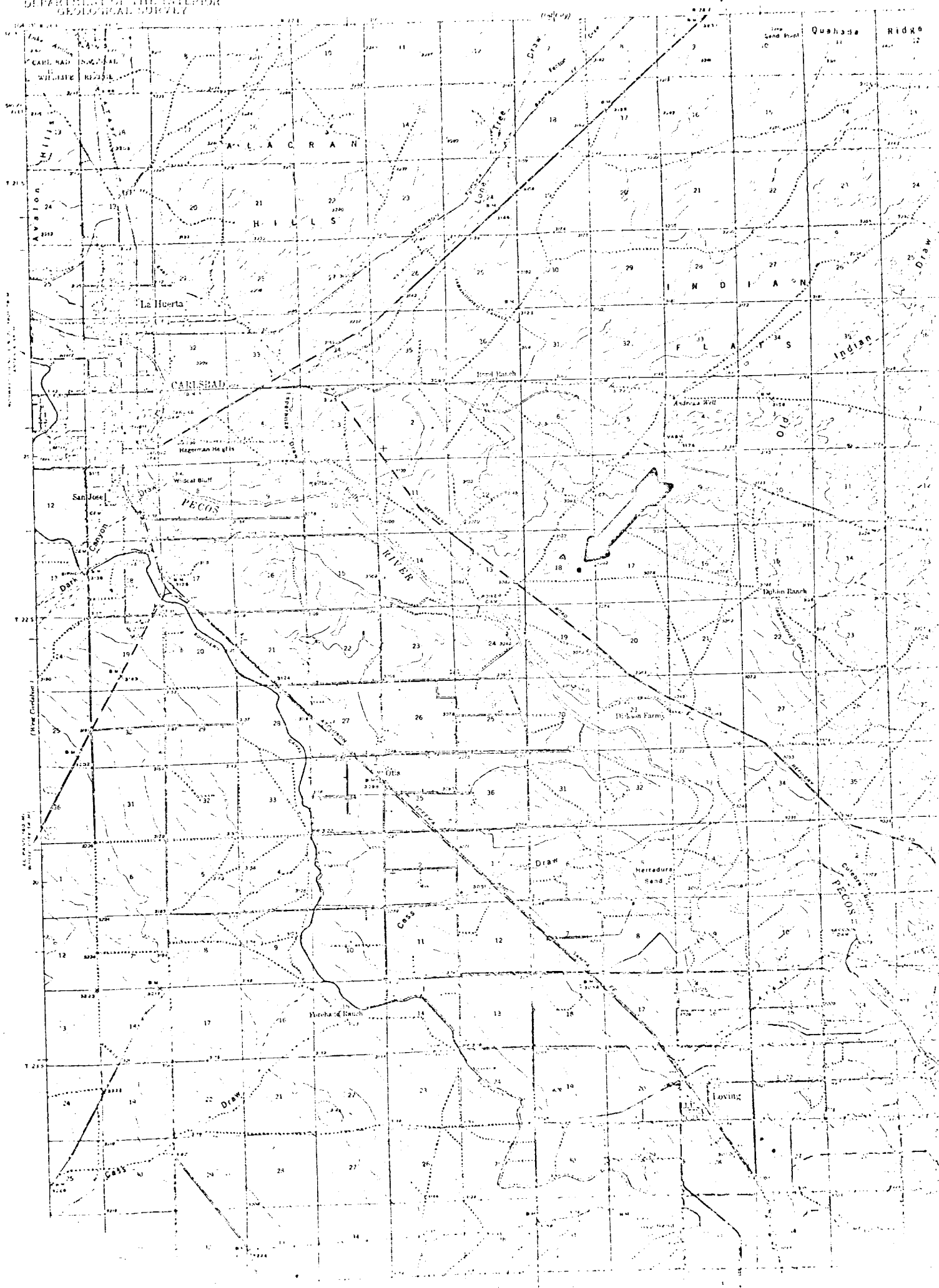
Signature
John W. West
Certificate No.
67551

0 100 200 300 400 500 600 700 800 900 1000



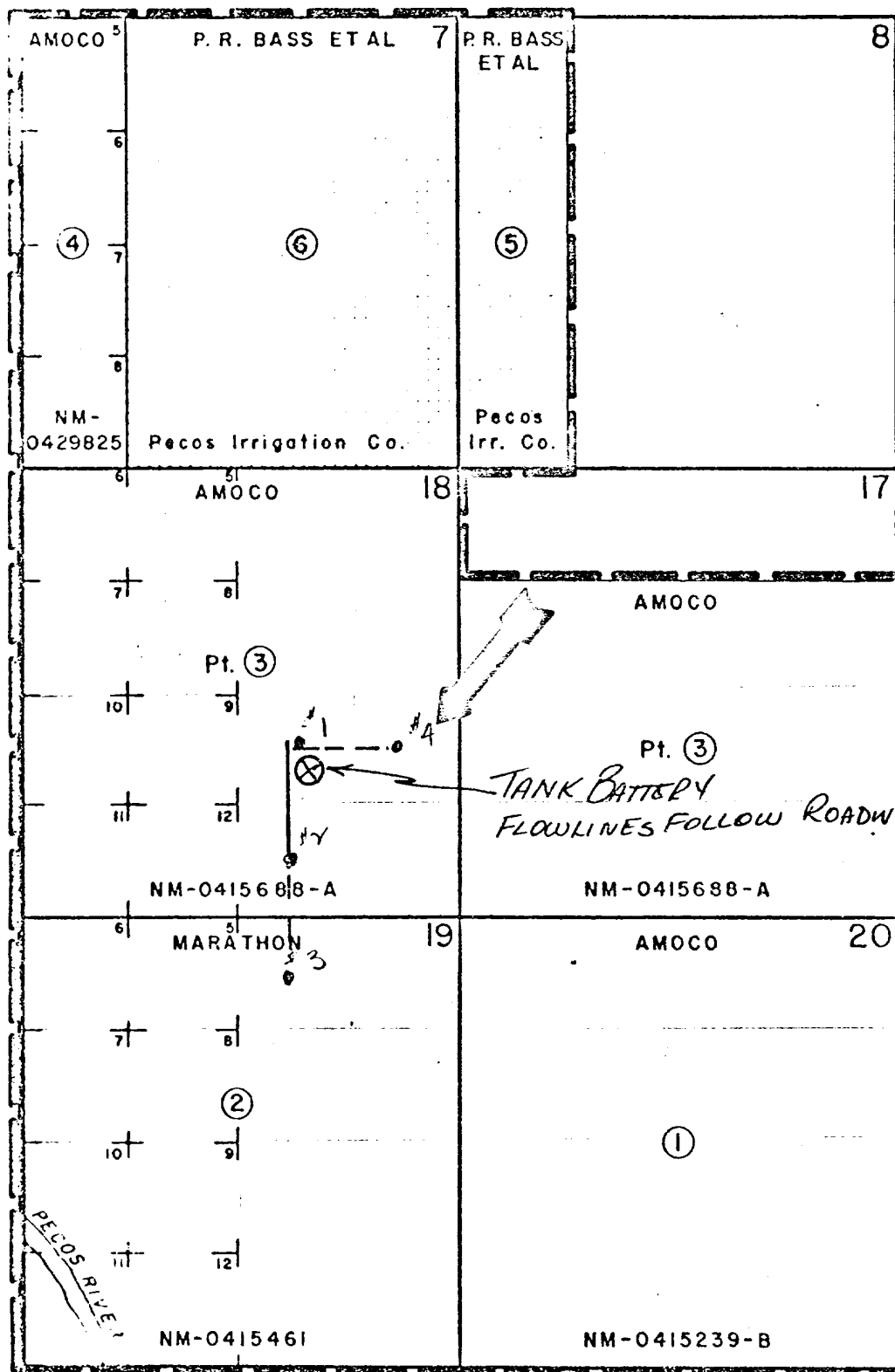
OLD INDIAN DRAW UNIT FED #4
I-18-22-38
EDDY (C. M. M.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



AMOCO PRODUCTION COMPANY
OLD INDIAN DRAW UNIT FED #4
I-18-22-38
From C. H. M.

R 28 E



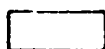
T
22
S

FEDERAL LEASES
NM-0415239-B
NM-0415461
NM-0415688-A
NM-0429825

LEGEND



FEDERAL LAND



FEE LAND

①

TRACT NUMBER

UNIT BOUNDARY

EXHIBIT "A"

TO ACCOMPANY

OLD INDIAN DRAW UNIT AGREEMENT

NOTES

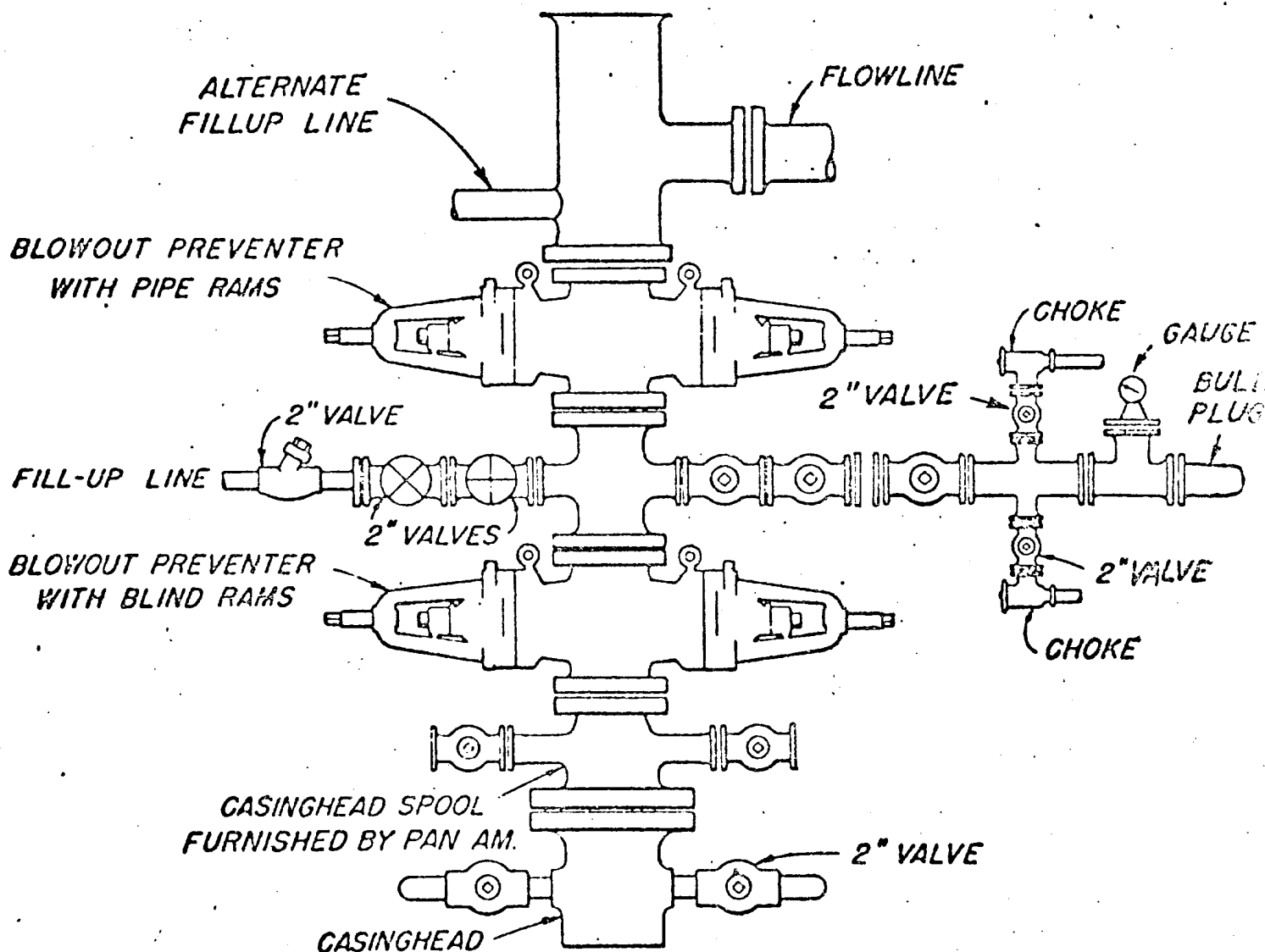
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer 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.

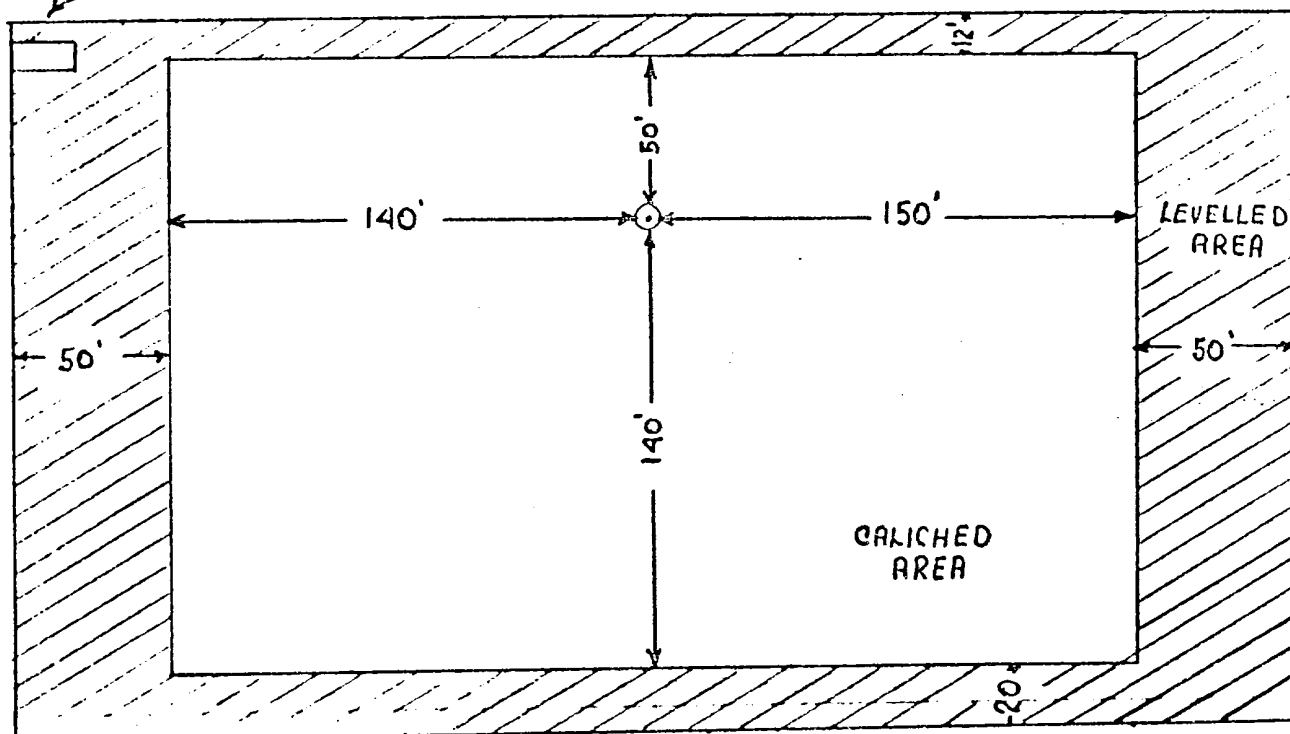
EXHIBIT D-1 MODIFIED

JUNE 1, 1962

AMOCO PRODUCTION COMPANY
OLD INDIAN DRAW UNIT FED-4
1-18-22-28
OLD INDIAN-DELAWARE
EDDY CO. N.M.

DRILL SITE DIMENSIONS MEDIUM DEEP WELL (8000'-14000')*

TRASH PIT
 8' x 20' x 6'



CELLAR SIZES:

5' x 5' x 4' - 2 CASING STRINGS (0-6000')
 7' x 7' x 6' - 3 " "
 8' x 8' x 8' - 4 " "

*-SITE SIZE FOR PRACTICALLY ALL MORROW WELLS.
 -WELLS DEEPER THAN 14,000' WILL REQUIRE SPECIAL HANDLING
 ON SIZING DRILL SITE

Amoco Production Company

SCALE: 1" = 60'

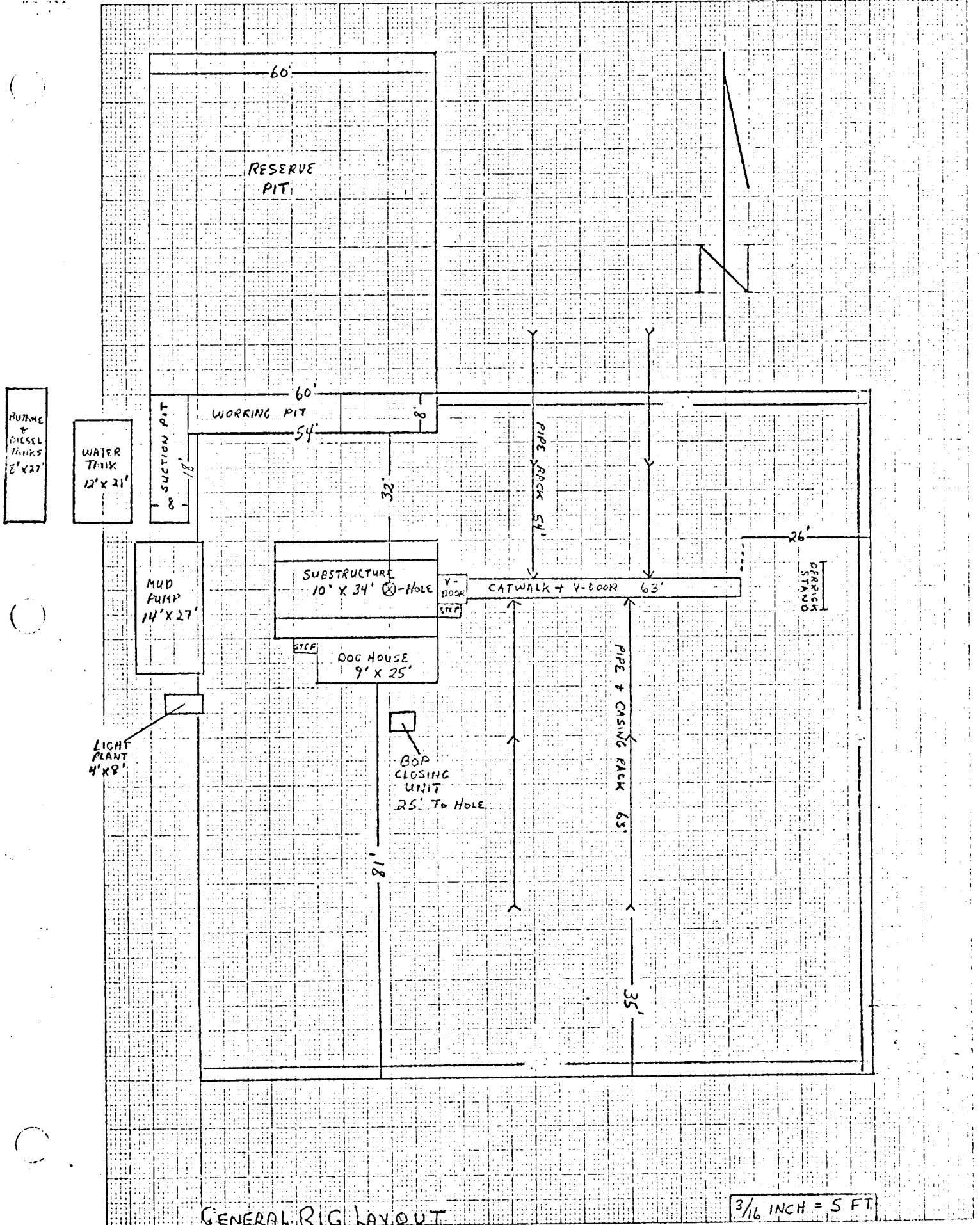
OLD INDIAN DRAW UNIT FED #4

I-18-22-28

DRG.

204

12 186



GENERAL RIG LAYOUT

3/16 INCH = 5 FT.

1/2" = 10' (Scale to the Centimeter)

OLD INDIAN DRAW UNIT FED #4
 INDIAN DRAW - DELAWARE
 (1-18-22-28)
 EDDY CO. N. M.

LEASE & WELL NUMBER ADINDIAN Draw Unit Fed # 4
LOCATION UNIT I, Sec 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
(SEE ATTACHED MAP)
5. Location of Tank Batteries & Flow Lines.
(SEE ATTACHED MAP)
6. Location and type of water supply.
BRINE & Fresh Water to be hauled 3-5 miles
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 170x230 x6" Compacted Caliche 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.
Approx 1200 Road to be built. 6" watered & compacted Caliche
To the into road at well #1. Road R.O.W. will serve as
route of flow line to TB @ well No. 1

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

O.R. Williams, Hobbs NM 88240
Ph. 393-2167