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N. M. O. C. C. COPY

SUBMIT IN 2 LOCATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

NOV 3 1976

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

copy to SF

30-015-21958

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK ARTESIA OFFICE DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. UNIT AGREEMENT NAME Old Indian Draw Unit	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME Old Indian Draw Unit	
2. NAME OF OPERATOR Amoco Production Company ✓		9. WELL NO. 15	
3. ADDRESS OF OPERATOR P. O. Drawer A, Levelland, Texas 79336		10. FIELD AND POOL, OR WILDCAT Indian Draw Delaware	
4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements.)* At surface 1001' FNL 2289' FEL, Sec. 18 (Unit B NW/4 NE/4) At proposed prod. zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18-22-28 NMPM	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9 miles southeast of Carlsbad, NM		12. COUNTY OR PARISH Eddy	13. STATE NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 3450'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3081.6 GL		22. APPROX. DATE WORK WILL START*	

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

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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 8/20/76
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

1- DIV _____

1- SWP _____

1- RC _____

2- BASS _____

1- MORTGAGE _____

ACTING DISTRICT ENGINEER

THIS APPROVAL IS REINFORCED

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO 15

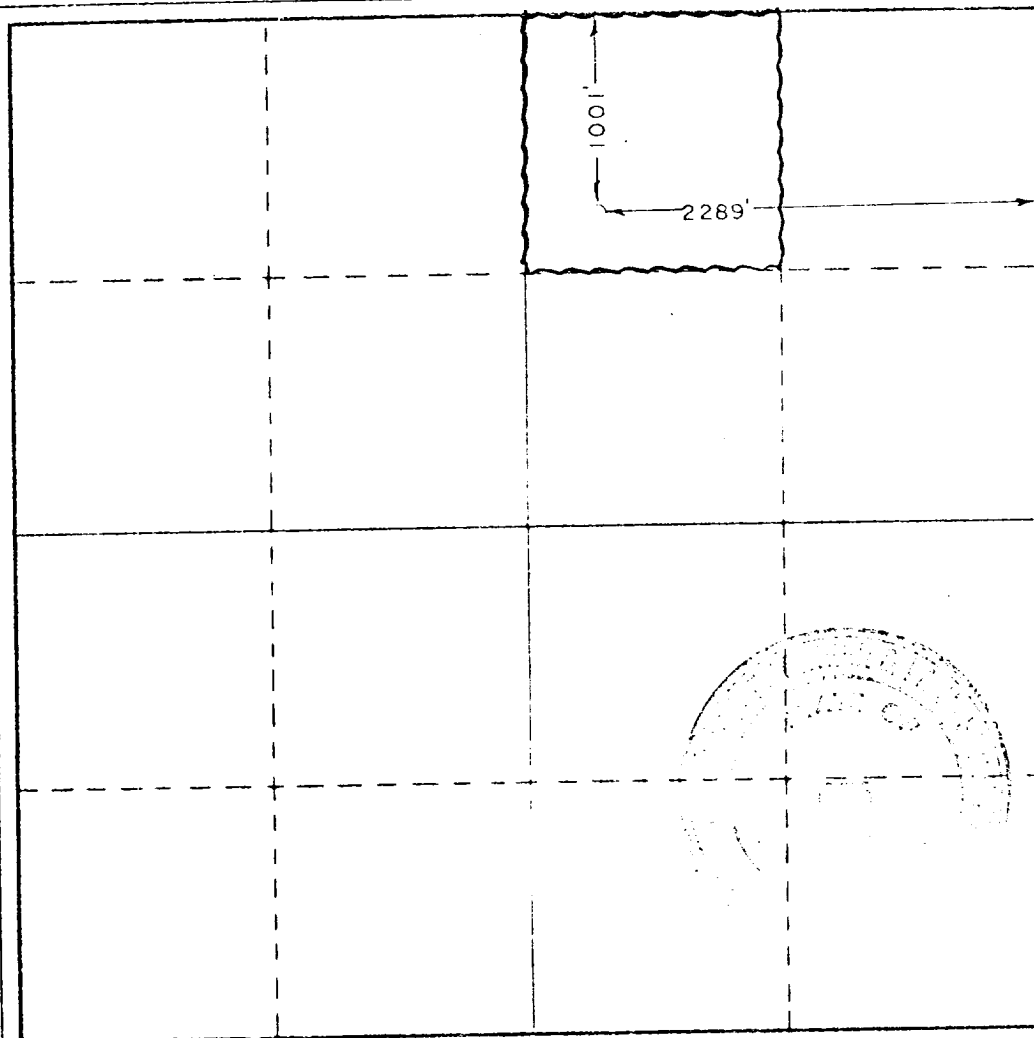
Operator AMOCO PRODUCTION COMPANY			Lease Old Indian Draw Unit		
Unit Letter B	Section 18	Township 22 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1001 feet from the north line and 2289 feet from the east line					
Ground Level Elev. 3081.6	Producing Formation DELAWARE		Pool INDIAN DRAW DELAWARE	Acres 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Aug. 20, 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 Aug. 13, 1976

Registered Professional Engineer and Oil and Gas Surveyor

John W. West
with the file

Amoco Production Company

ENGINEERING CHART
(TRACING)

SUBJECT OLD INDIAN DRAW UNIT

SEC. 7, 18 & 19, T-22-S, R-28-E, Eddy Co., NM.

R-28-E

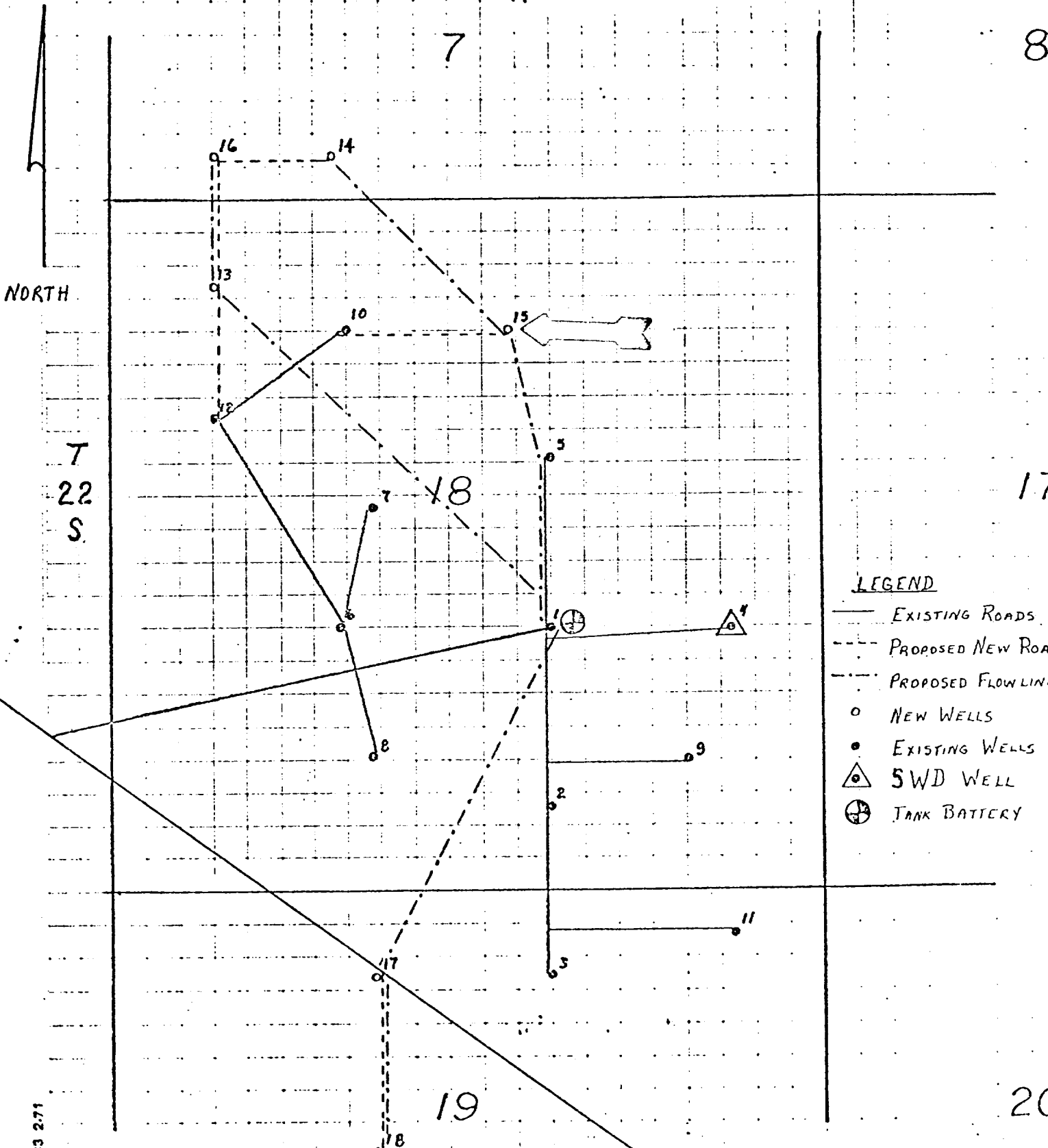
SHEET NO. _____ OF _____

FILE _____

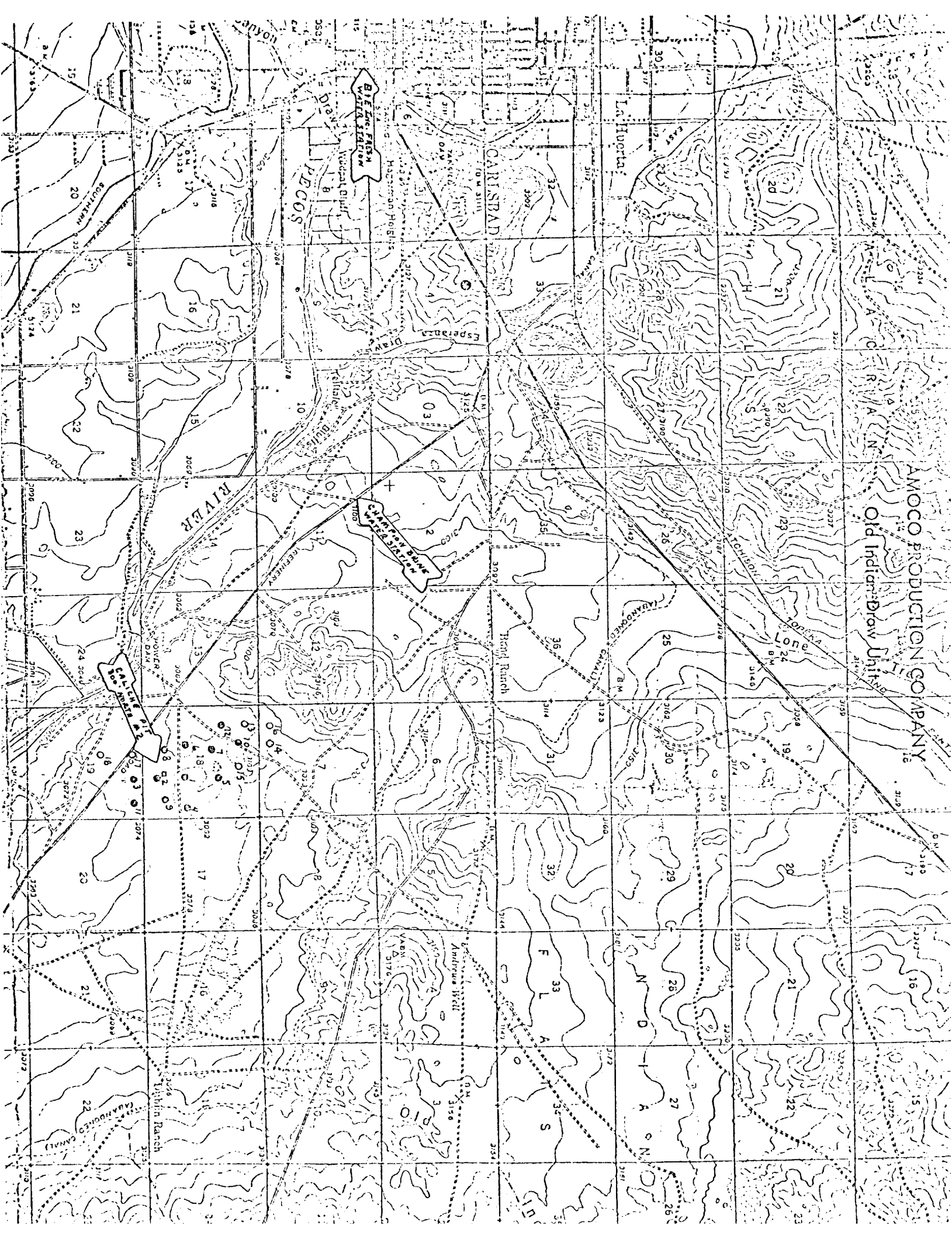
APPN. _____

DATE _____

BY _____



Old Indian-Draw Unit



ATTACHMENT "B"
NOTES

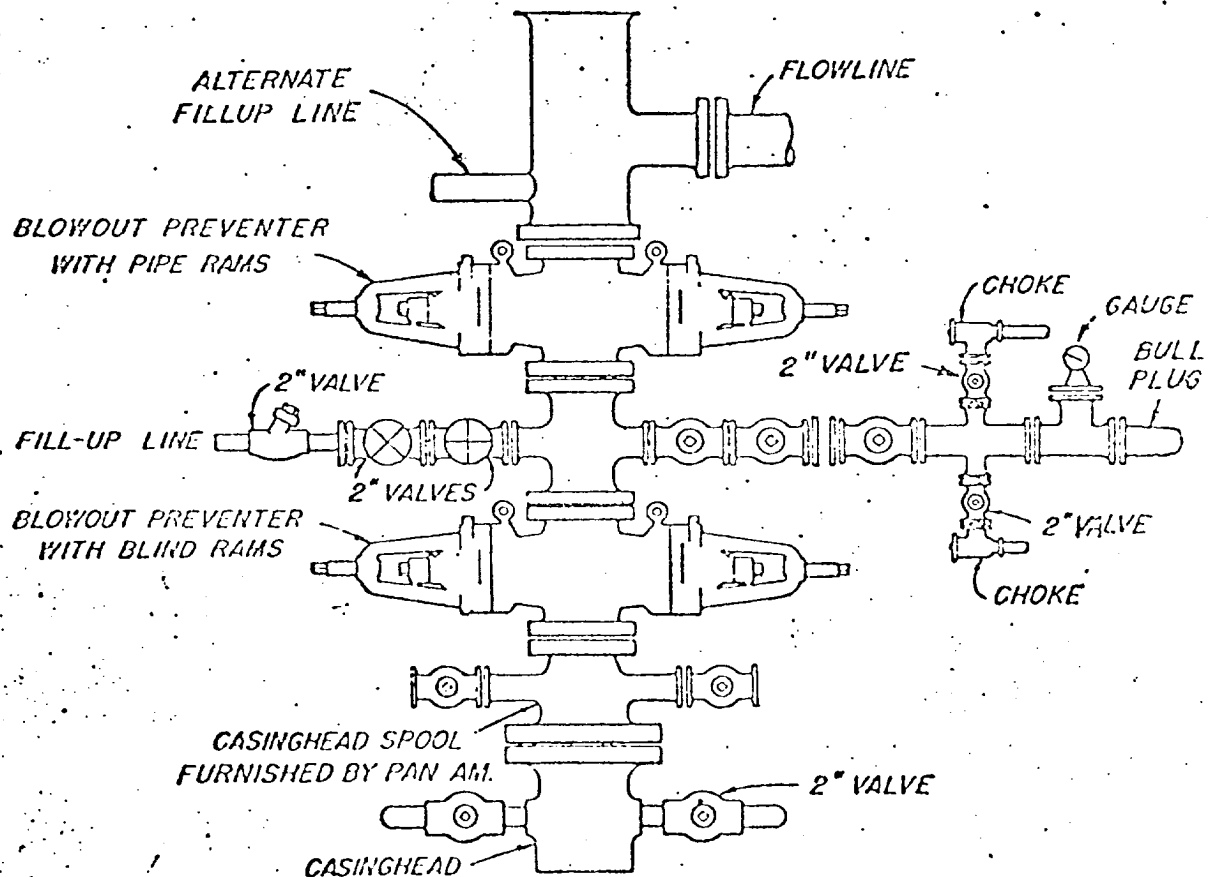
1. Blow-out preventers and master valve to be fluid operated and all fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer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