

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address Apache Corporation 2000 Post Oak Blvd. Ste. 100 - Room 358A Houston, Texas 77056-4400		2 OGRID Number 873
4 Property Code 23113		3 API Number 30-025-06626
5 Property Name STATE 'C' TRACT 12		6 Well No. 4

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
F	16	21S	37E		1980'	NORTH	3300	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
9 Proposed Pool 1 PADDOCK					10 Proposed Pool 2 BLINEBRY/DRINKARD				

11 Work Type Code E & A	12 Well Type Code M	13 Cable/Rotary R	14 Lease Type Code STATE	15 Ground Level Elevation 3477' GL
16 Multiple Y	17 Proposed Depth 5144	18 formation PAD/BLIN/TUBB/DRINK	19 Contractor	20 Spud Date 5/31/99

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	36#	316'	325	SURFACE- CIRC.
12-1/4"	9-5/8"	32#	2900'	1500	1325' TS
8-3/4"	7"	23#	6656'	700	2800' TS

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Propose to add Paddock and re-enter the Blinebry zones. Proposal to add the Paddock and Blinebry zones to the existing downhole commingle Permit #434, application submitted 04/30/99. MI & RUCU. POH with rods and pump. Perforate Paddock zone @5144' -5158", 1jspf. RIH with RBP test to 3000 PSI. Re-perf the Blinebry and acidize each zone with 3600 gals in 4 stages using rock salt in 10# gelled brine. Release packer, latch RBP and test to 2500#. Frac each zone with 40,000 gals 65 Quality Foam fluid. Flush to top of perms. Run pump and rods. Return to production.

Approval for workover only -- CANNOT produce until Downhole Commingle is approved in Santa Fe.

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

Signature:

Frances M. Byers

Printed Name:

Frances M. Byers

Title:

Sr. Engineering Technician

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JUN 03 1999

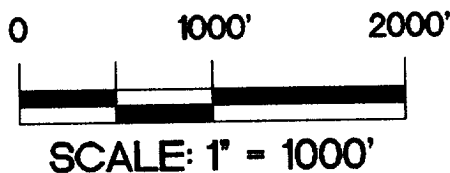
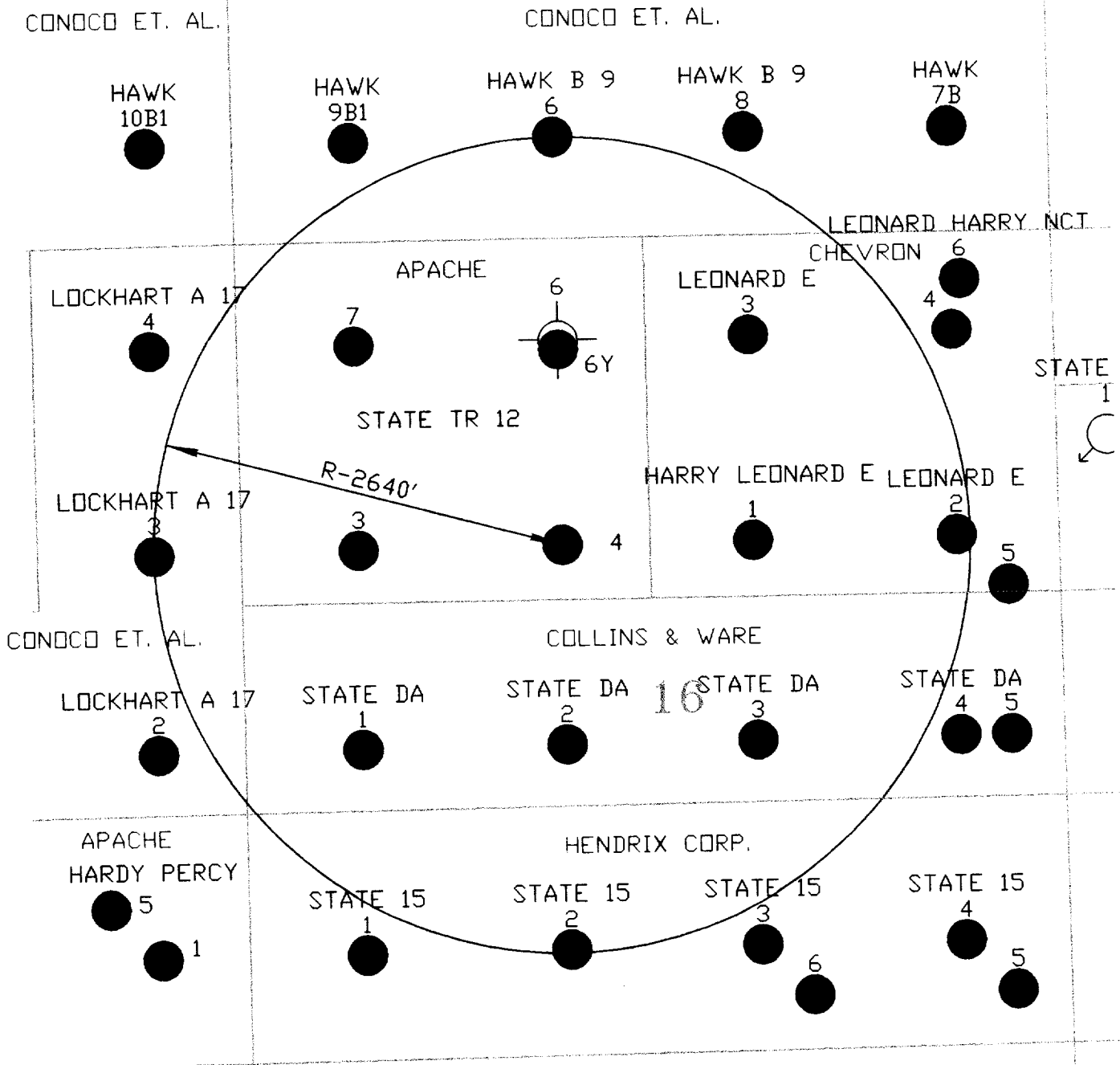
Expiration Date:

Permit Expires 1 Year From Approval

Date Unless Drilling Underway

adding

21S 37E



EUNICE AREA LEA COUNTY, NEW MEXICO		
LOCATION PLAT STATE C TR 12 #4 SEC.16 T-21-S,R-37-E		
DATE: 05/06/99	REVISED: 00/00/99	GEOLOGIST:
J:\PERM\EUNICE\loc16-4	DRAFTED BY: HGS	GEOLOGIST:

Well: State "C" Tract 12 #4
Field: Drinkard, Tubb
Location: 1980' FNL & 1980' FWL
F-16-21-37, Lea Co. N.M.
API #: 30-025-06626

13-3/8" csg. @ 316' cmt'd w/ 325 sxs circ.

9-5/8" csg. @ 2900' cmt'd w/ 1500 sxs
TOC 1325' by TS

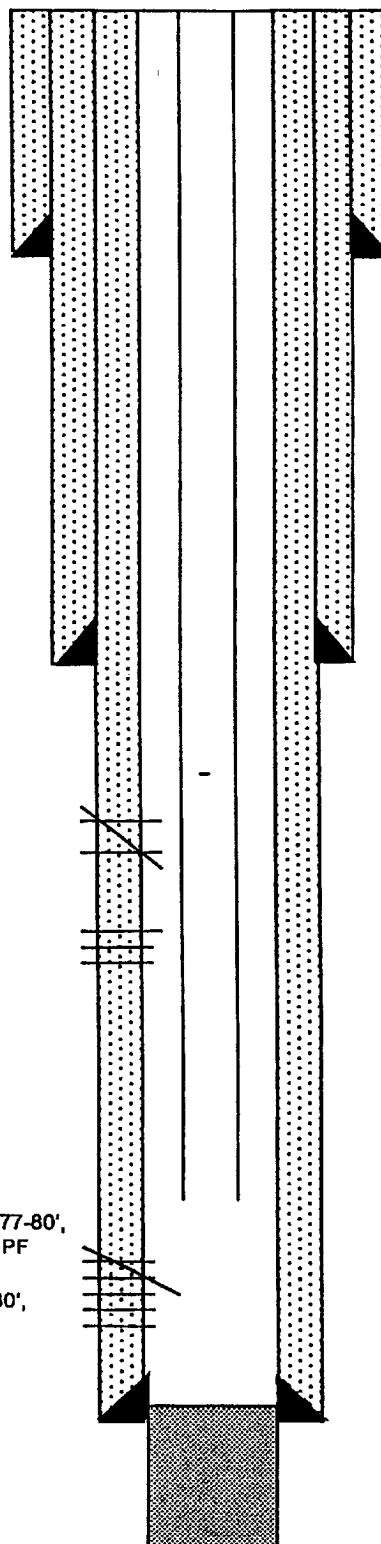
Blineberry Perfs 5638-78', 98-5703', 18-28'
58-5803', 73-93', 5963-98', SQUEEZED

TUBB Perfs 6044-60', 78-96', 6108-16'2
JSPF, 6150-82', 96-6232', 62-78', 6300-
04', 11-17', 22-26', 1 JSPF

New Drinkard Perfs 6432-36', 46-56', 61-68', 77-80',
90-94', 6502-22', 30-72', 84-90', 6604-08, 4 JSPF

Old Drinkard Perfs (Squeezed) 6446-56', 77-80',
90-94', 6503-23', 38-68', 6608-44'

7" 20 & 23# set @ 6656', cmt'd w/ 700 sx
TOC 2800' by TS



11/47 Perfed Drinkard 6650-80', 6 SPF,
Acid w/ 500 MA, and 2000 HCL
IPF: 265 BO 140 MCFD

4/54 Completed Blineberry 6650-6010'
Acid w/ 10,000 IPF 1.2 MMCFD @ 1730#
Dualled w/ Drinkard flowing 69X268 MCFD

4/74 Added Drinkard 6458-6535' & Fraced
ALL DRINKARD 6458-6580' w/ 24,000 gals
& 36,000# sd
PBWO 2X2X200 PAWO 13x28x820
FRACED Blineberry w/36,000 gals &54,000#
PBWO 1x42x189 PAWO 42x36x1610

12/81 Squeezed all perfs & Deepened
to FSLM Unsuccessful, PB to 6639'

2/82 Returned to Drinkard 6432-6604', 4 JSPF
Acid w/ 4000 gals 75q foamed acid
IPP: 9X22X160

8/83 Perfed TUBB 6044-6116', Acid w/ 2100 HCL
Perfed TUBB 6150-6326', Acid w/ 6000 gals
IPP: 4x1x35

2/84 Downhole Commingled Tubb & Drinkard
PAWO: 25x5x350

7/93 Acidize Perfs 6044-6608' w/ 6000 gals in
3 stages, IPP 26x3x342

FRAC TUBB, RE-FRAC DRINKARD,
RE-OPEN BLINEBERRY
?PADDOCK COMP 5144-58' ✓

PBTD 6639'
TD @ 7502' (Fusselman
Unproductive-6-1/8" OH)

SWM
5/26/98

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

RECEIVED

PAN AMERICAN
PETROLEUM CO.
JAN 16 1962
HOBBBS, N. M.

Operator **APACHE CORPORATION** Lease **State #8 Tract 12** Well No. **1 14**

Unit Letter **F** Section **16** Township **21 N** Range **37 E** County **Lee** AC

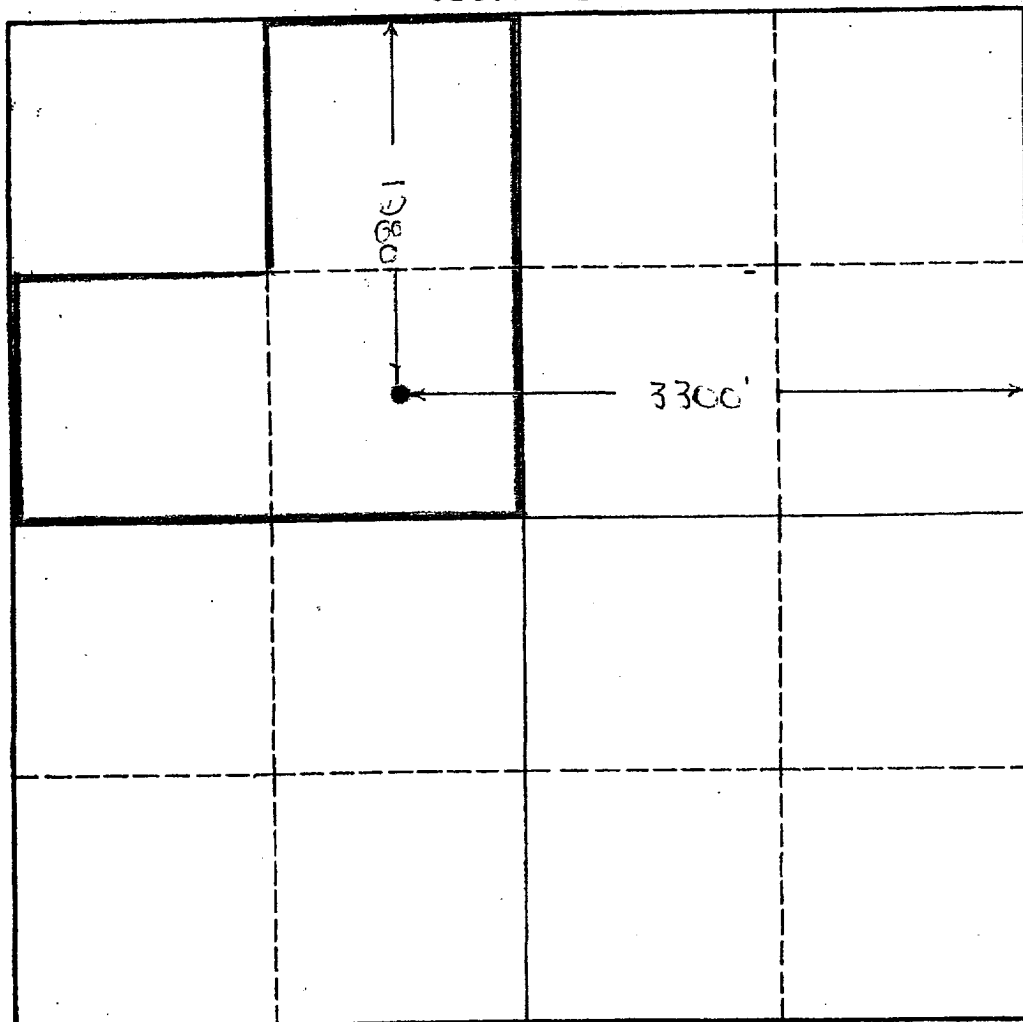
Actual Footage Location of Well **1980** feet from the **North** line and **3300** feet from the **East** line

Ground Level Elev. **3477** Producing Formation **PADDOCK** Pool **PADDOCK** Dedicated Acreage **1.20** Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

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

Name Original Signed by:
V. E. STALEY

Position
Area Superintendent

Company
Pan American Petro. Corp.

Date
January 8, 1962

I hereby certify that the well location shown on the plat in SECTION B 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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

NEW MEX. OIL CONSERVATION COMMISSIO
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

RECEIVED

PAN AMERIC
PETROLEUM CO
JAN 15 1962
HOBBBS, N. I

SECTION A

Operator
APACHE CORPORATION

Lease

State #01 Tract 12

Well No.

1 14

Unit Letter Section Township

F

16

11 S

Range

37 E

County

Lea

AC

Actual Footage Location of Well

1900

feet from the North

line and 3300

feet from the

East

line

API

Ground Level Elev.

3477

Producing Formation

Blindery

Pool

Blindery - Gas

Dedicated Acreage

1.00

Acres

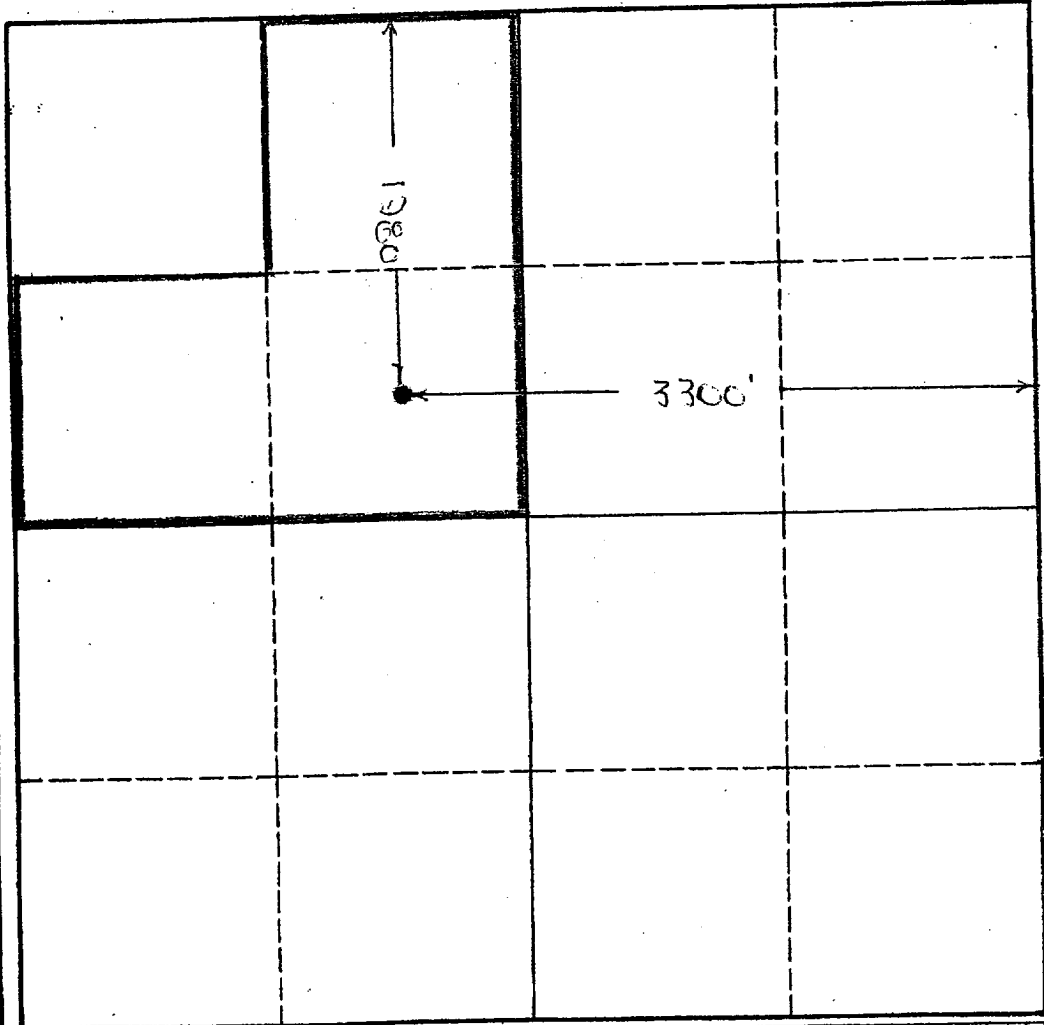
API

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

SECTION B



CERTIFICATION

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

Name Original Signed by:
V. E. STALEY

Position

Area Superintendent

Company

Pan American Petro. Corp.

Date

January 8, 1962

I hereby certify that the well location shown on the plat in SECTION B 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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXI OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

RECEIVED

PAN AMERICAN
JAN 15 1962
P.O. BOX 10
DALLAS, TEX.

Operator APACHE CORPORATION

SECTION A

Lease

State "C" Tract 12

Well No.

1 13

Unit Letter

Section

Township

Range

County

Line

AC

Actual Footage Location of Well:

1900

feet from the

North

line and

3300

feet from the

East

line

Ground Level Elev.

3477

Producing Formation

TUBB

Pool

TUBB

Dedicated Acreage

3.50

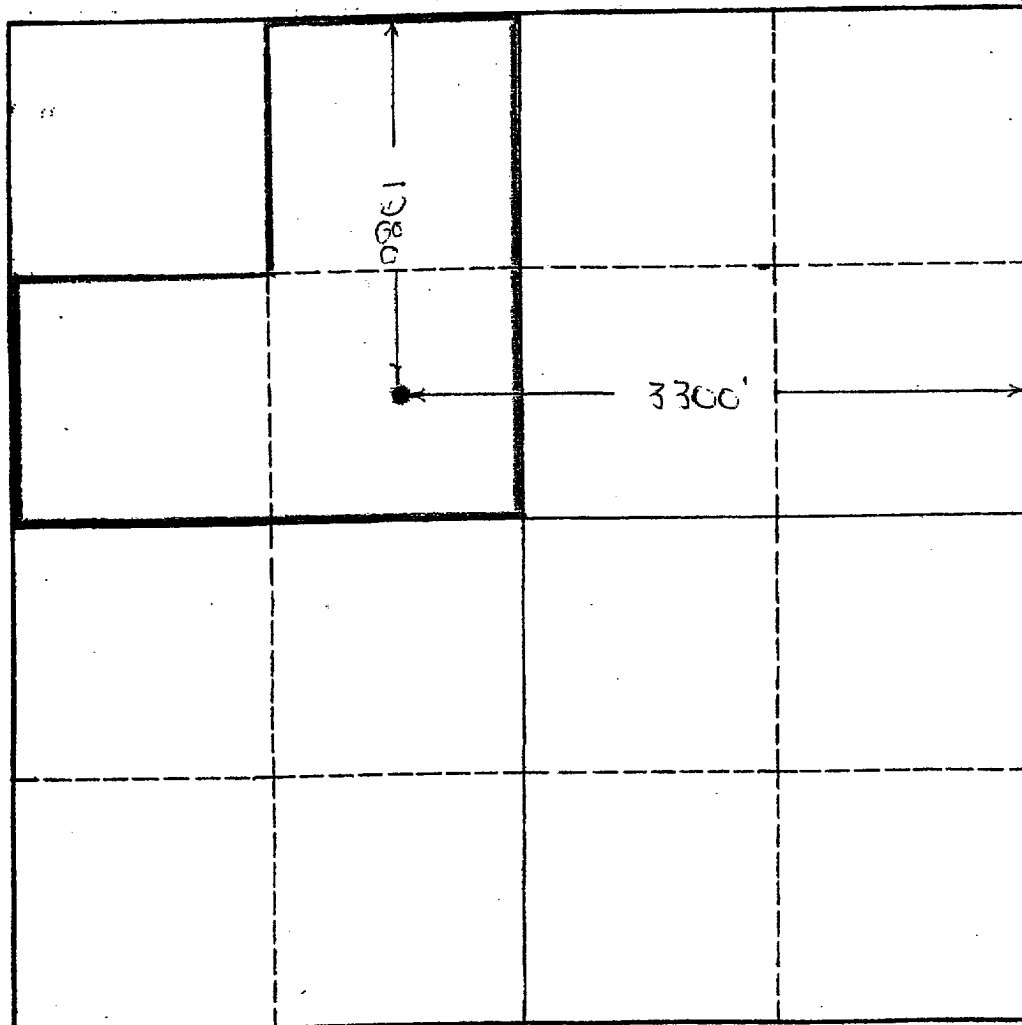
Acres

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2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ☐ NO ☐ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

SECTION B



CERTIFICATION

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

Name Original Signed by:

V. E. STALEY

Position

Area Superintendent

Company

Pan American Petro. Corp.

Date

January 2, 1962

I hereby certify that the well location shown on the plat in SECTION B 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

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
Revised 5/1/57

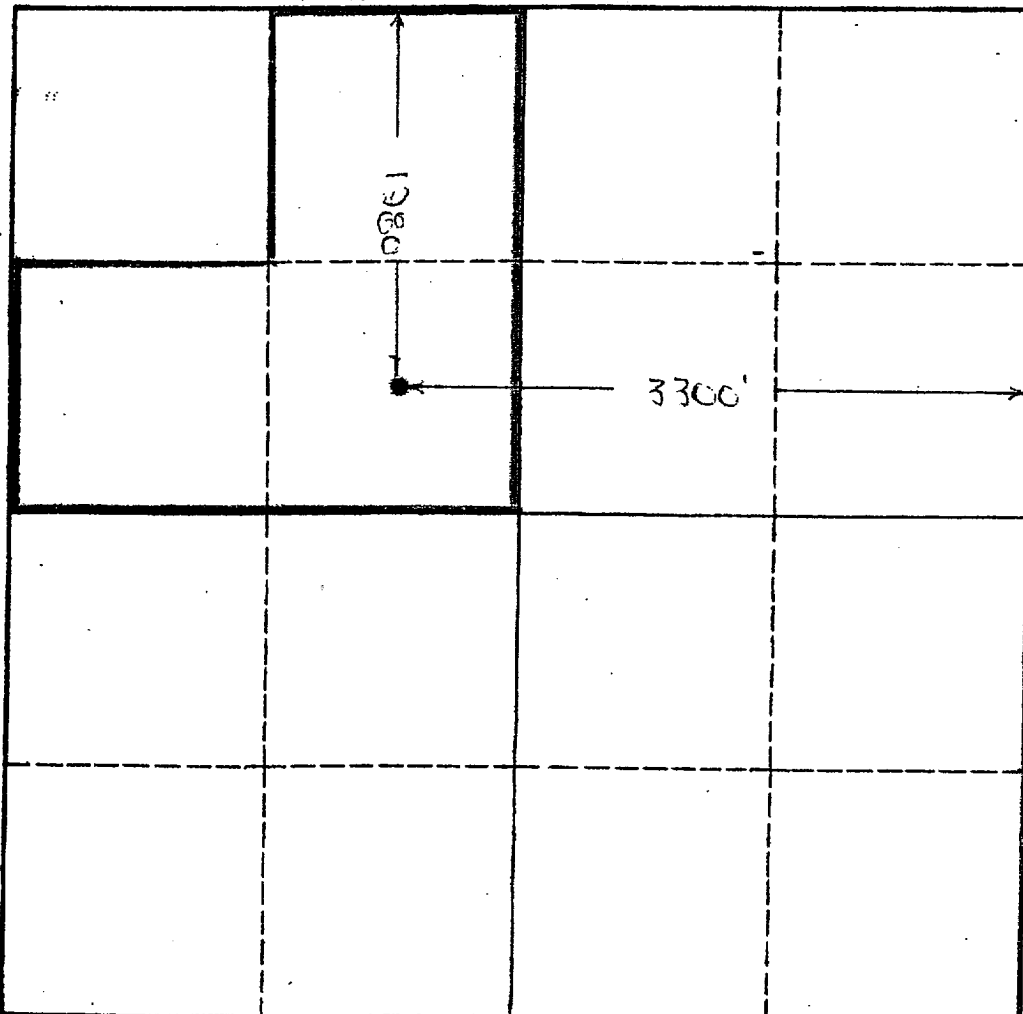
SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

Operator APACHE CORPORATION		SECTION A Lease State #0 Tract 12		Well No. 1 12	
Unit Letter 7	Section 16	Township 21 N	Range 37 E	County Lee	AC
Actual Footage Location of Well: 1900 feet from the North line and 3300 feet from the East line					
Ground Level Elev. 3477	Producing Formation DRINKARD		Pool DRINKARD	Dedicated Acreage 3.50 Acres	

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES ☒ NO ☐ ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
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3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B



CERTIFICATION

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

Name Original Signed by:
V. E. STALEY

Position
Area Superintendent
Company
Pan American Petrol. Corp.
Date
January 8, 1962

I hereby certify that the well location shown on the plat in SECTION B 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

Registered Professional Engineer and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0