

COUNTY	LEA	FIELD	Jalmar		
OPR	WOOD, MC SHANE & THAMS		API	N 10358	
NO	4	LEASE	New Mexico "M" State 692 Ltd.	SERIAL	QWO
	Sec 19, T-22-S, R-37-E		MAP		
	660' FNL, 1980' FWL of Sec		CO-ORD		

Re- SPD CSG	10-28-73	Re- CMP	11-16-73	CLASS		ELEV		L & S
				FORMATION	DATUM	FORMATION	DATUM	
				TD	3714'	PBD	3300'	

IP (Yates) Perfs 2677-3211' CAOF 335 MCFGPD. GOR NR; Grav
(Gas) NR; SIWHP NR

CONTR	OPRS ELEV	3414'	GL	PD	3300'	TYPE	WO
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- F.R.C. 12-29-73
(Yates)
(Orig. Humble Oil & Refg., comp 10-25-40
from (Queen) OH 3577-3714', OTD 3714')
- 12-24-73 TD 3714'; PBD 3300'; COMPLETE
PB to 3300'
Sqzd OH 3567-3691' w/200 sx
Perf 2677-3211' (overall)
Acid (2677-3211') 3000 gals (15% NEA)
Frac (2677-3211') 28,000 gals jelled wtr +
37,500# sd
- 12-29-73 COMPLETION REPORTED

**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

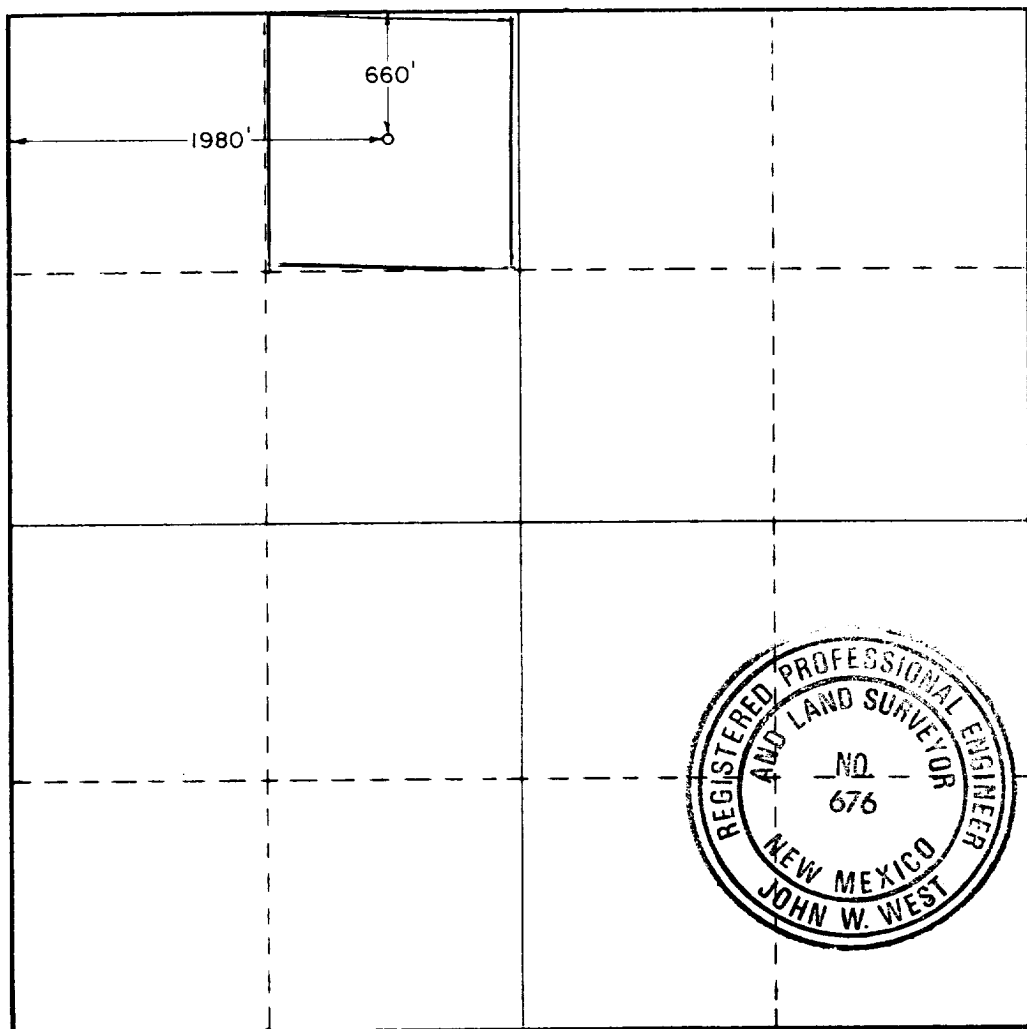
Operator Kirby Exploration Co. of Texas			Lease New Mexico State M		Well No. 4
Unit Letter C	Section 19	Township 22 South	Range 37 East	County Lea	
Actual Footage Location of Well: 660 feet from the north line and 1980 feet from the west line					
Ground Level Elev. 3418.7	Producing Formation Yates Seven Rivers		Pool Jalmat	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 Commission.



Reclassify to oil

CERTIFICATION

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

Donnie Hill

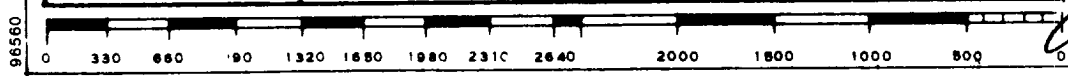
Name Donnie Hill
Position Area Superintendent
Company Kirby Exploration Co.
Date October 1, 1987

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 September 28, 1987
Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



96560

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

Form C-102
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All distances must be from the outer boundaries of the Section.

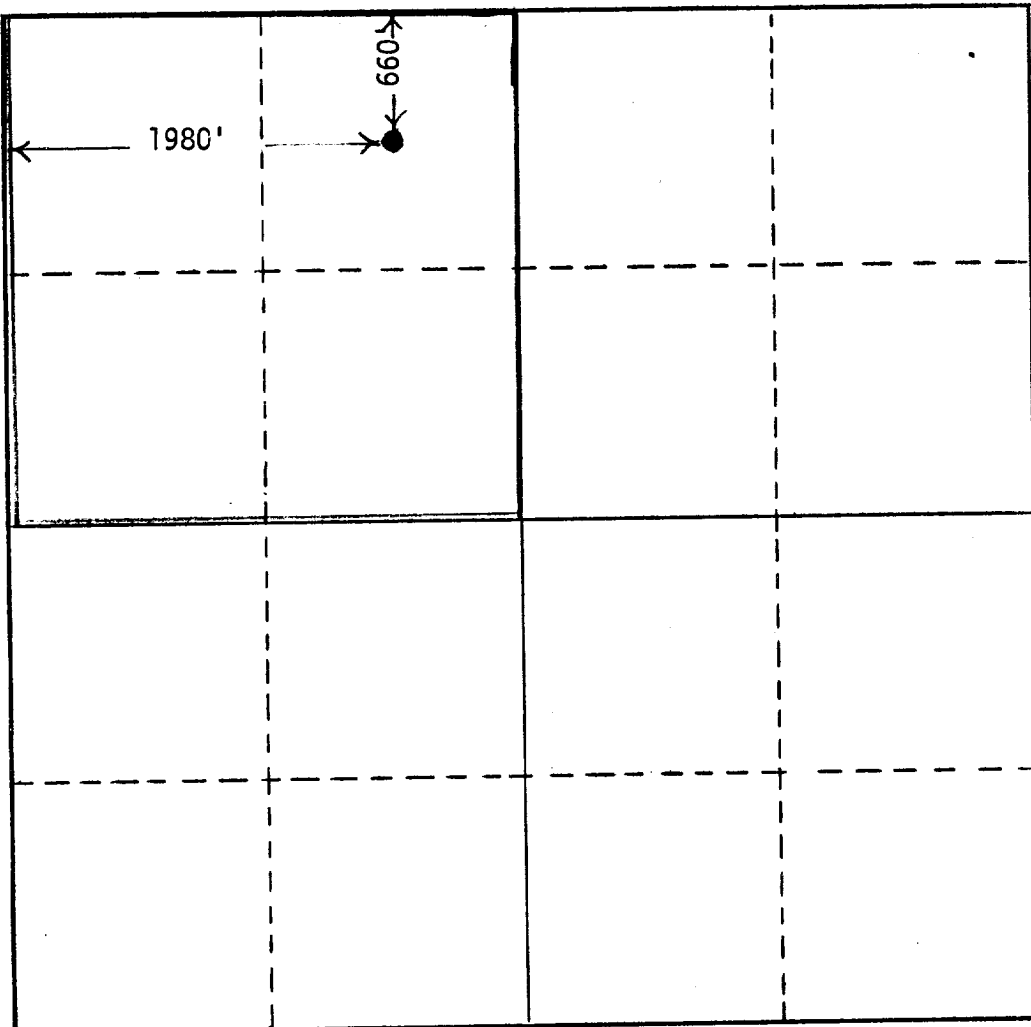
Operator Wood, McShane & Thams 692, Ltd.			Lease New Mexico "M" State			Well No. 4		
Unit Letter C	Section 19	Township 22-S	Range 37-E	County Lea				
Actual Footage Location of Well: 660 feet from the North line and 1980 feet from the West line								
Ground Level Elev: 3414'	Producing Formation Yates, 7 Rivers, & Queen			Pool Eumont Gas			Dedicated Acreage: 160 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.

K. D. Myrick *K. D. Myrick*

Name
Petroleum Engineer

Position
Wood, McShane & Thams

Company
July 9, 1973

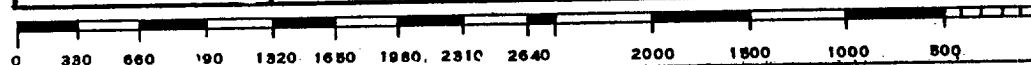
Date

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

Registered Professional Engineer and/or Land Surveyor

Certificate No.



NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date April 6, 1959

Operator HUMBLE OIL & REFG. CO Lease New Mexico State "M"
Well No. 4 Unit Letter "C" Section 19 Township 22 S Range 37 E NMPM
Located 660' Feet From North Line, 1980' Feet From West Line
County Lea G. L. Elevation _____ Dedicated Acreage 40 Acres
Name of Producing Formation Queens Pool Eumont

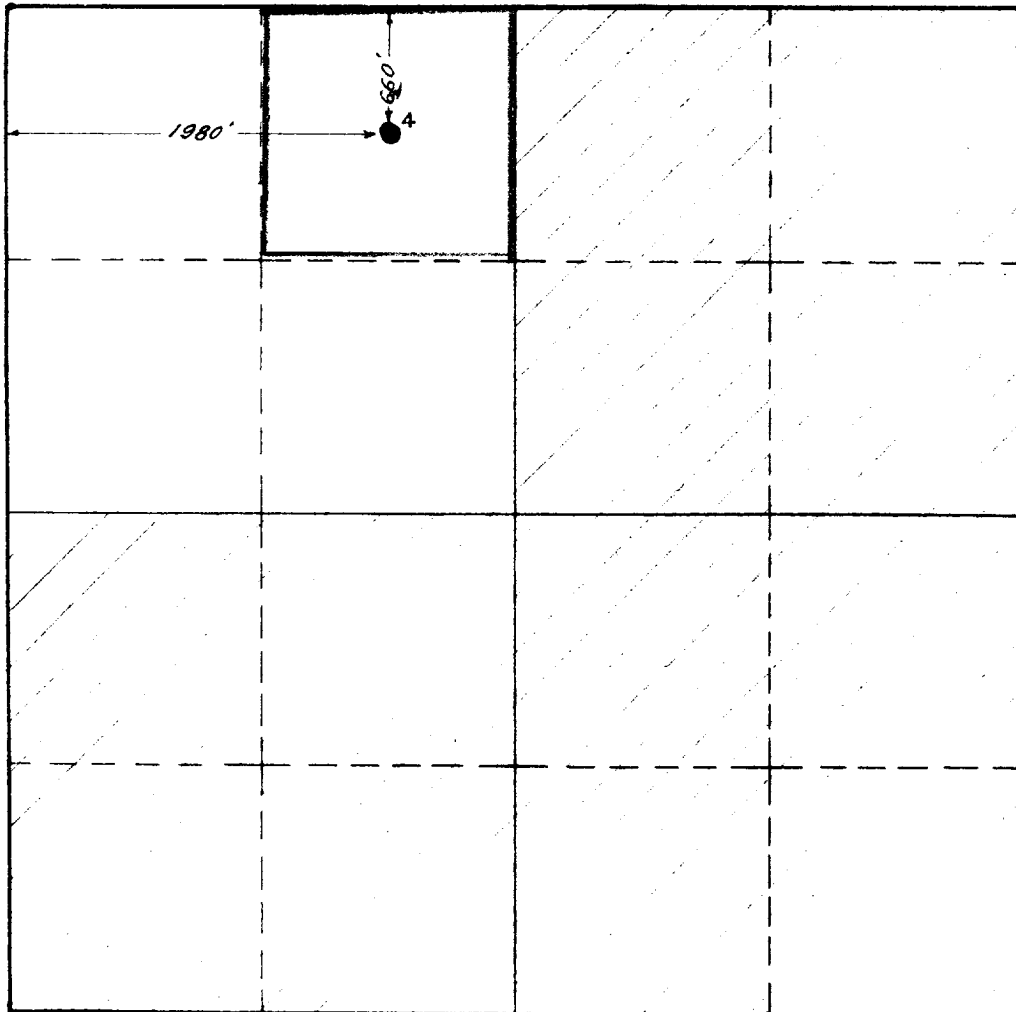
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

HUMBLE OIL & REFG. CO
(Operator)

H. S. Hesterfeld
(Representative)

Assistant Division Supt.
Box 1600 Midland, Texas
Address

This is to 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 9-16-40

H. S. Hesterfeld
Registered Professional
Engineer and/or Land Surveyor.



Certificate No. 1382

LEASE NO 37721

W-A - 2432

HUMBLE LEASE NO.
STATE LEASE NO.
FEDERAL LEASE NO.

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-128
Revised 5/1/57

Well Location and Acreage Dedication Plat

Section A.

Date Dec. 4 1961

Operator Humble Oil & Refining Co. Lease New Mexico State "M"
Well No. 4 Unit Letter "C" Section 19 Township 22-S Range 37-E NMPM
Located 660 Feet From North Line, 1980 Feet From West Line
County Lea G. L. Elevation _____ Dedicated Acreage 80 Acres
Name of Producing Formation Queen Pool Eumant

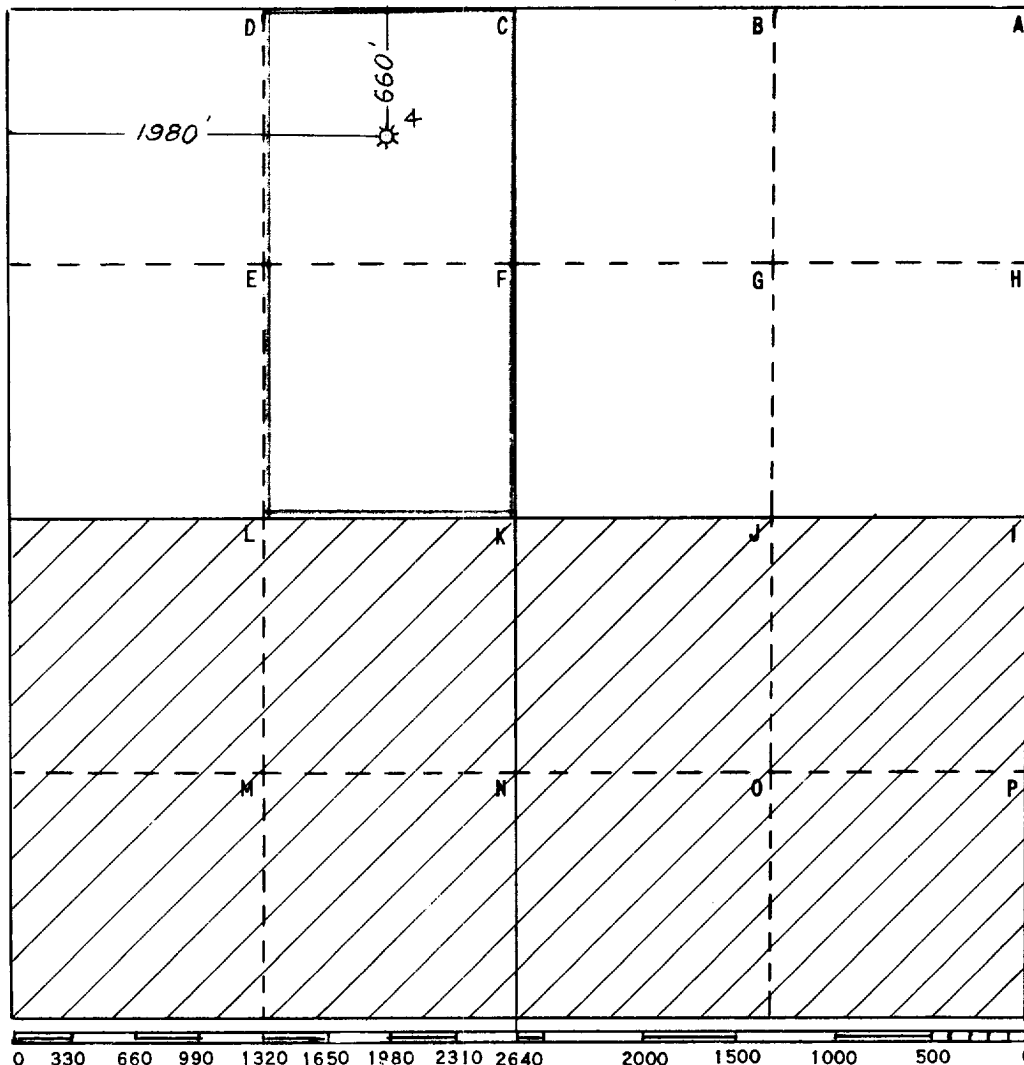
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and thier respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief

HUMBLE OIL & REFG. CO.

(Operator)

H. R. Hensley

(Representative)

Box 1600 Midland, Texas

Address

This is to 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 9-16-40

W. S. Shesterfeld
Registered Professional
Engineer and/or Land Surveyor

Certificate No. 1382

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date April 6, 1959

Operator HUMBLE OIL & REFG. CO Lease New Mexico State "M"
Well No. 4 Unit Letter "C" Section 19 Township 22 S Range 43 E NMPM
Located 660' Feet From North Line, 1980' Feet From West Line
County Lea G. L. Elevation _____ Dedicated Acreage 154.03 Acres
Name of Producing Formation QUEENS Pool EUMONT

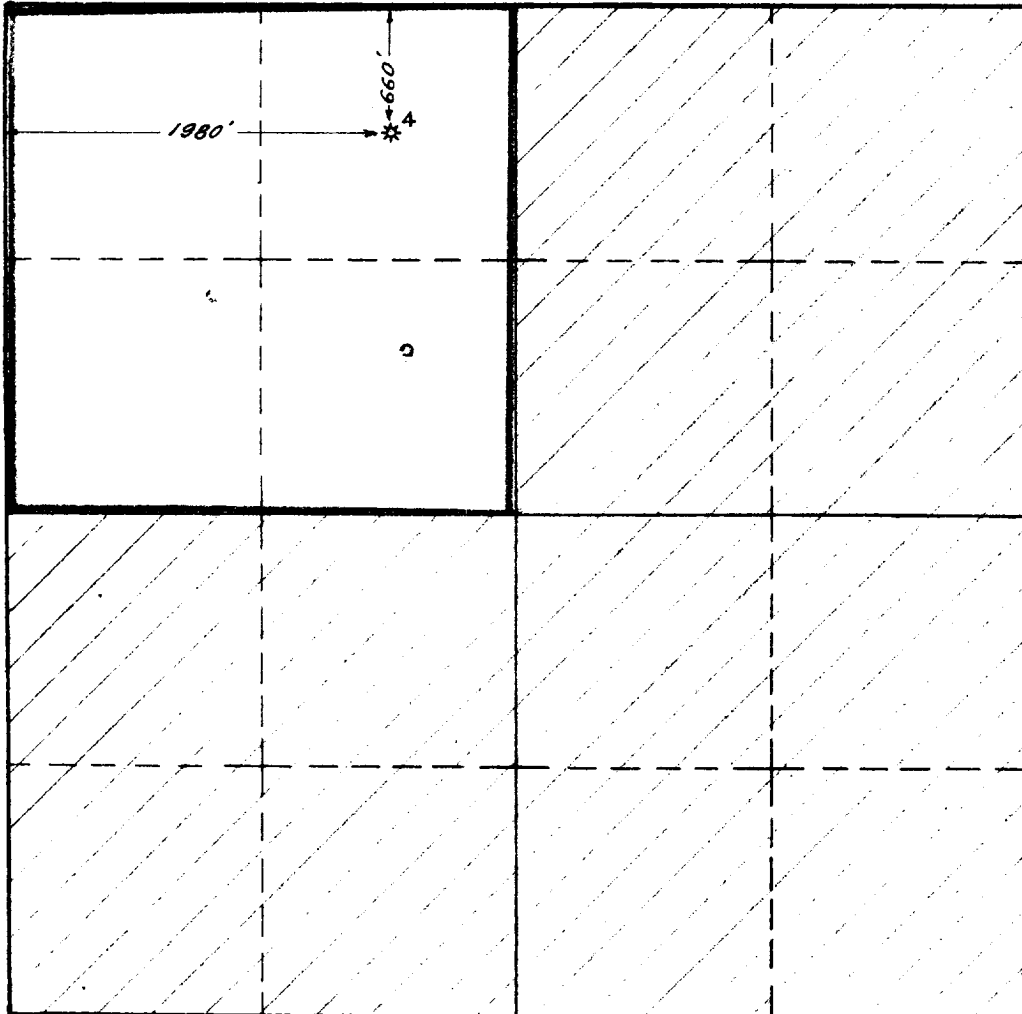
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description

<u>Owner</u>	<u>Land Description</u>

Section B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

HUMBLE OIL & REFG. CO
(Operator)

H. L. Henkle
(Representative)

Assistant Division Supt.
Box 1600 Midland, Texas
Address

This is to 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 9-16-40

W. S. Hesterfield
Registered Professional
Engineer and/or Land Surveyor.



Certificate No. 1382

LEASE NO. 37721

W-A - 2433

NEW MEXICO
OIL CONSERVATION COMMISSION

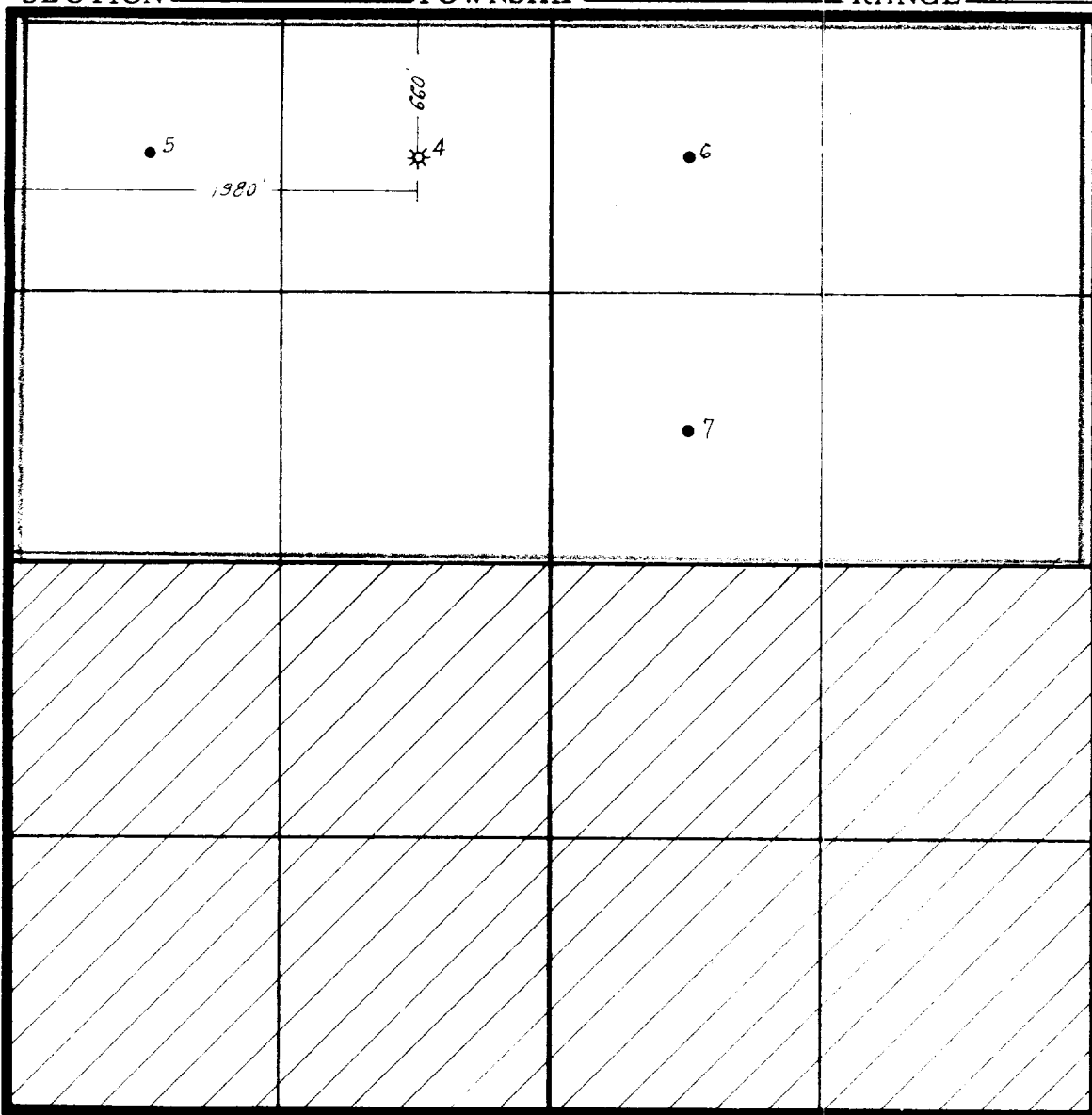
Gas Well Plat

Date 1-16-1956
HUMBLE OIL & REFINING CO. New Mexico State "M" 4
 Operator Lease Well No.

Name of Producing Formation Queens Pool Arrow Gas

No. Acres Dedicated to the Well ~~320~~ 314

SECTION 19 TOWNSHIP 22-5 RANGE 37-E



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

1. Is this gas well a dual completion? ~~Yes~~ No
2. Are there any other dually completed wells within the dedicated acreage? ~~Yes~~ No

Name N L Henoley
 Position Asst. Division Superintendent
 Representing Humble Oil & Refining Co.
 Address Midland, Texas

(over)

LANGLIE MATTIX SRQ GRAYBURG

~~Petro-Lewis Corp. American Expt. Co.~~
~~Wood, McShane & Thoms Colorado 692, Ltd.~~

~~JALMAT GAS~~

Pool ~~Arrowhead~~ LANGLIE MATTIX

Operator ~~Humble Oil & Refining Co.~~
246 Kirby Expt. Co. of Texas Nevron USA Inc.

Arrowhead Grayburg Ut.

Lease ~~11-11-77~~ Well No. 4 Unit C S 19 T 22 R 37

DATE OF TEST	Daily Allowable	PRODUCED DURING TEST			Gas Oil Ratio	Packer Leakage Field
		Water Bbls.	Oil, Bbls.	Gas, MCF		
1-25-62 24	6	15	27	1521	27000	
5-3-62 24	9	10	9	576	64000	
5-3-63 24	4	7	4	357	29250	
2-12-64 24	4	5	5	96	19200	
1-14-65 24	5	6	5	219	43800	
Recompleted to Jalmat Gas 12-73						
5-10-85 24	-	35	-	65	-	
5-8-86 24	-	42	-	55	-	
5-10-87 24	-	40	-	50	50000	
1-11-89) SI (6-30-89) ZA						
Recompleted from Jalmat (Gas) to Langlie Mtx SRQ GB Eff. 6-26-89						
7-4-87 24	17	50	0	5	-	
(1-3-88) SI (10-31-88) SI						

