

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date October 9, 1958

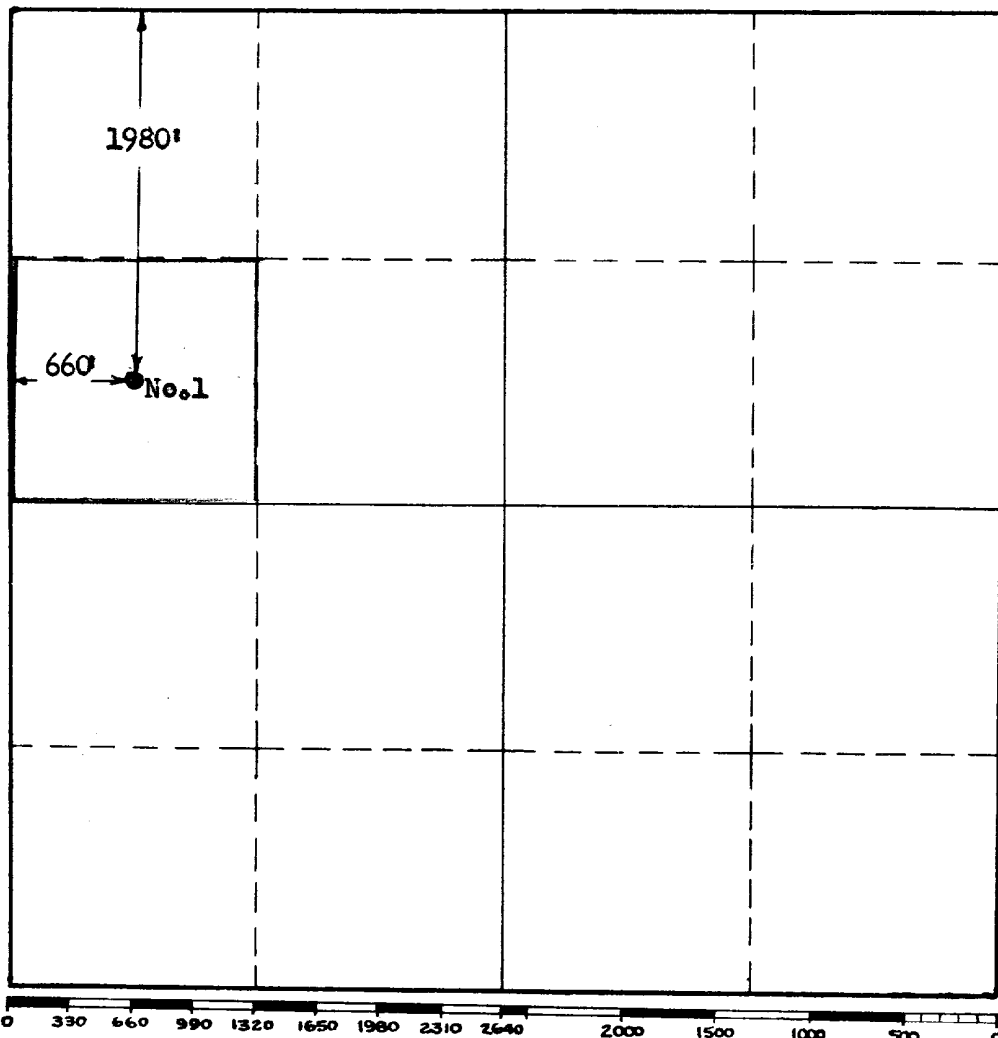
Operator Cities Service Oil Company Lease Jewett McDonald "C"
Well No. 1 Unit Letter E Section 18 Township 20-S Range 34-E NMPM
Located 1980 Feet From North Line, 660 Feet From West Line
County Lea G. L. Elevation 3623'(D.F.) Dedicated Acreage 40 Acres
Name of Producing Formation Yates Pool Undesignated

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

Owner

Land Description

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.

Cities Service Oil Company

(Operator)

[Signature]
(Representative)

Box 97, Hobbs, New Mexico
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 _____

Registered Professional
Engineer and/or Land Surveyor.

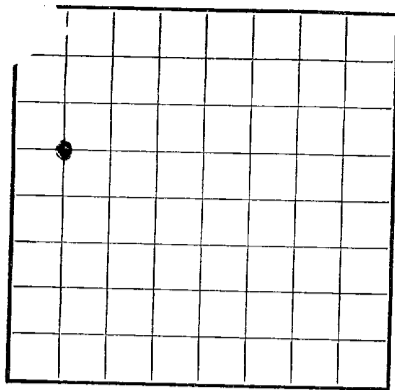
Certificate No. _____

(See instructions for completing this form on the reverse side)

INSTRUCTIONS FOR COMPLETION:

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for both oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3, Section A, please use space below

* "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 1953 Comp.)



LOCATE WELL CORRECTLY

MODE 1 1005 000

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 029512-6

RECORDED IN 9 41

LEASE OR PERMIT TO PROSPECT Jewett
McDonald C #1 - Cities Service
UNITED STATES Oil Co. & R. Olsen Oil Co.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Jewett McDonald C Field Undesignated State New Mexico
Well No. 1 Sec. 18 T. 20S R. 34E Meridian NMPM County Lea
Location 1980 ft. N of N Line and 660 ft. E of W Line of Sec. 18-20S-34E Elevation 3623' DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date October 9, 1958 Signed [Signature] Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling August 14, 19 58 Finished drilling August 28, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 3401 to 3524 No. 4, from - to -
No. 2, from - to - No. 5, from - to -
No. 3, from - to - No. 6, from - to -

IMPORTANT WATER SANDS

No. 1, from - to - No. 3, from - to -
No. 2, from - to - No. 4, from - to -

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
8-5/8	24#	8R	J-55	1499.75	Baker	-	-	-	Surface Production
5-1/2	14#	8R	J-55	3254.36	Baker	-	-	-	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1514'	810 cu ft of 40% Diacel	Plug	-	-
		D w/250 sx neat cem.			
5-1/2	3266.66'	175 sx Incor 40% Diacel	Plug		(Cement circulated)
		D w/200 sx neat			(Cement circulated)

PLUGS AND ADAPTERS

Heaving plug—Material - Length - Depth set -
Adapters—Material - Size -

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3524 feet, and from - feet to - feet
Cable tools were used from 0 feet to - feet, and from - feet to - feet

DATES

October 9, 19 58 Put to producing October 9, 19 58
potential test

The production for the first 24 hours was 27.5 barrels of fluid of which 60 % was oil; - % emulsion; 40 % water; and - % sediment. (16.5 bbl. oil & 11 bbl. water). Gravity, °Bé. 33.7

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

E. M. Cammack, Driller G. W. Jones, Driller
Ray Hounshell, Driller G. L. Shroff, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Surface soil, sand, caliche
90	420	330	Red Bed & Shells
420	1002	582	Red Bed
1002	1142	140	Red Bed & Shells
1142	1269	127	Red Bed
1269	1425	156	Red Bed & Shale
1425	1435	10	Red Bed
1435	1567	132	Anhydrite
1567	1940	373	Salt
1940	2890	950	Salt & Anhydrite
2890	3045	155	Salt, Anhydrite, Potash
3045	3125	80	Anhydrite, Salt
3125	3283	158	Anhydrite
3283	3524 T.D.	241	Anhydrite, Dolomite
			<u>Electric Log Tops</u>
			Elevation <u>3623'</u> DF
			Anhydrite <u>1440'</u> (<u>2183'</u>)
			Base Salt <u>3145'</u> (<u>478'</u>)
			Yates <u>3332'</u> (<u>291'</u>)
			Top First Pay <u>3401'</u> (<u>222'</u>)
			Top Second Pay <u>3497'</u> (<u>126'</u>)
			Welox Total Depth <u>3521'</u> (<u>102'</u>)