RECEIVED

JAN 29 1960

O. C. C.
ARTESIA, OFFICE

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Certificate of Compliance and Authorization to Transport Oil

Company or Operator [illegible] United Lease Walnut

Address [illegible] Petroleum Building, Artesia, New Mex. (Local or Field Office) (Principal Place of Business)

Unit F Well No 2 Sec. 2 T 23S R 28E Field Loco Hills County Eddy

Kind of Lease Fed

Location of Tanks Sec. 2-T-23-S-R-28-E

Transporter [illegible] Address of Transporter Midland, Texas (Local or Field Office)

[illegible] Percent of oil to be transported 100% Other transporters authorized

% of gas produced from this unit are [illegible]

REMARKS

The undersigned certifies that the above rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described properties and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 6th day of July, 1960

[illegible] United
(Company or Operator)

By [illegible]

Title [illegible]

State of [illegible]

County of [illegible]

Before me the undersigned authority, on this day personally appeared [illegible] known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn, stated that he is authorized to make this report and has knowledge of the facts stated herein, and that said report is true and correct.

Subscribed and sworn to before me this the 6th day of July, 1960

J. B. Murdock

Notary Public in and for Eddy County, New Mexico

[illegible], 194

Approved
OIL CONSERVATION COMMISSION

By [illegible]

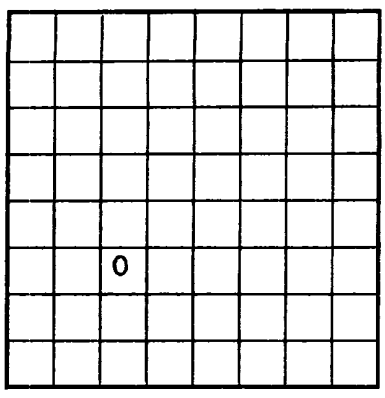
(See Instructions on Reverse Side)

ILLEGIBLE

Dobbin

Form 9-330

U. S. Land Office Las Cruces
Serial Number 054253
Lease or Permit to Prospect Brainard



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company S. P. Yates Address Box 352, Artesia, New Mexico

Lessor or Tract Julia Brainard Field Loco Hills State New Mexico

Well No. 3 Sec. 3 T. 18S R. 29E Meridian N. M. P. M. County Eddy

Location 1650 ft. {N.} of S Line and 1650 ft. {E.} of W Line of Section 3 Elevation 3516'
(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.

Signed S. P. Yates

Date December 31, 1939 Title Owner

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

Commenced drilling November 31, 1939, 19.... Finished drilling December 27, 1939, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2605 to 2621 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from .....

No. 3, from ..... to ..... No. 6, from ..... to .....

IMPORTANT WATER SANDS

No. 1, from None 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 From—	Perforated To—	Purpose
8¼" O.D.	24 lb.	10	S. H.	412'	Plain				
7" O.D.	20 lb.	10	Reliance	2487'	Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8¼" OD	412'	50	Halliburton		
7" OD	2487'	100	Halliburton		3 tons

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
5"		Nitro-glycerine	90 qts.		2602-2621	2621

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 2621 feet, and from ..... feet to ..... feet

DATES

Put to producing December 28, 1939

The production for the first 24 hours was 400 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

Gravity, Bé.....

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

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

C. V. Crandall, Driller C. V. Miller, Driller

J. B. Bryant, Driller Hollis Langley, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Red sand & mud
50	60	10	Red rock
60	70	10	Gravel
70	120	50	Red rock & Gyp
120	150	30	Red rock
150	235	85	Gypsum
235	240	5	Red rock
240	255	15	Gyp
255	285	30	Red rock
285	300	15	Water sand
300	390	90	Red rock
390	397	7	Anhydrite
397	401	4	Red rock
401	412	11	Salt & Potash
412	485	73	Salt & shells
485	565	80	Salt & Potash
565	660	95	Salt
660	705	45	Salt & Potash
705	865	160	Salt
865	880	15	Anhydrite
880	895	15	Anhydrite & Shale broken
895	925	30	Anhydrite
925	980	55	Anhydrite & Broken
980	1070	90	Anhydrite
1070	1130	60	Broken Anhydrite & Red sand

2,516
865
2,251

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1130	1180	50	Broken Anhydrite & Red rock
1180	1205	25	Anhydrite
1205	1215	10	Red rock
1215	1225	10	Anhydrite
1225	1280	55	Broken Anhydrite
1280	1330	50	Anhydrite
1330	1345	15	Lime - anhydrete broken
1345	1355	10	Anhydrite
1355	1375	20	Anhydrite & Red sand
1375	1395	20	Lime
1395	1435	40	Anhydrite - Red rock
1435	1475	40	Anhydrite
1475	1525	50	Brown Lime & Anhydrite
1525	1530	5	Lime
1530	1700	170	Anhydrite
1700	1725	25	Lime
1725	1730	5	Lime & Anhydrite
1730	1810	80	Anhydrite
1810	1845	35	Anhydrite & Red rock
1845	1890	45	Anhydrite & Sandy red rock
1890	2070	180	Anhydrite
2070	2077	7	Anhydrite & Shale broken
2077	2085	8	Anhydrite & Red sand
2085	2120	35	Red sand
2120	2260	140	Anhydrite
2260	2285	25	Lime & Anhydrite
2285	2320	35	Anhydrite -- sandy
2320	2350	30	Anhydrite & Red sand
2350	2355	5	Lime
2355	2370	15	Sandy Lime
2370	2385	15	Gray sandy lime
2385	2390	5	Anhydrite & sand
2390	2425	35	Red sand & Anhydrite
2425	2436	11	Broken lime & red sand
2436	2460	24	Brown Lime - show of gas
2460	2470	10	Lime & red sand -- lots of sand
2470	2477	7	Gray Lime
2477	2485	8	Gray sandy lime
2485	2490	5	Gray lime
2490	2505	15	Gray lime & red shale
2505	2535	30	Gray Lime
2535	2545	10	Gray lime -- slightly sandy
2545	2588	43	Gray lime
2588	2595	7	Sandy lime
2595	2605	10	Sand
2605	2620	15	Oil Sand -- slight show of Gas
2620	2621	1	Sand & Gray lime T. D.
	2621		Hole filled up 1,000 feet in 3 hours, with oil.

SHOOTING RECORD

CASING AND ADAPTERS

MUDDING AND CEMENTING RECORD

U. S. GOVERNMENT PRINTING OFFICE 8—6745

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CASING RECORD

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES