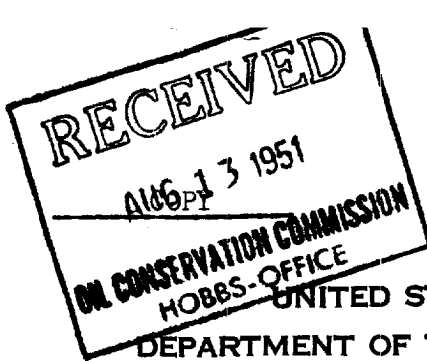


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030132-A
LEASE OR PERMIT TO PROSPECT _____
ClossonUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Empire Oil & Refining Co. Address Bartlesville, Oklahoma
Lessor or Tract Lease Field South-Lunice State New Mexico
Well No. 3 Sec. 6 T. 22 R. 36 Meridian NMPM County Lea
Location 2310 ft. (N) of N Line and 2310 ft. (E) of E Line of Section 6 Elevation 3582
(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 _____
Date 6-15-37 Title Sup't Production

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

Commenced drilling May 11, 1937 Finished drilling June 8, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3775 to 3830 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—	
12 1/2"	40	8	LW	220'					
9-5/8"	36	10	Smls	3195	float				
7"	27	10	Smls	3730	float				
3" US	9.3	10	Smls	3815					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 1/2"	220'	175	Halliborton		
9-5/8"	3195	150 & 580	two stage job		
7"	3730'	190			

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 3830 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 15, 1937The production for the first 24 hours was 410 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

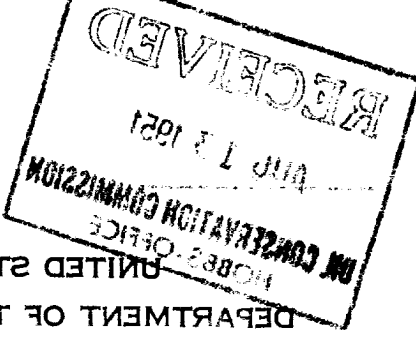
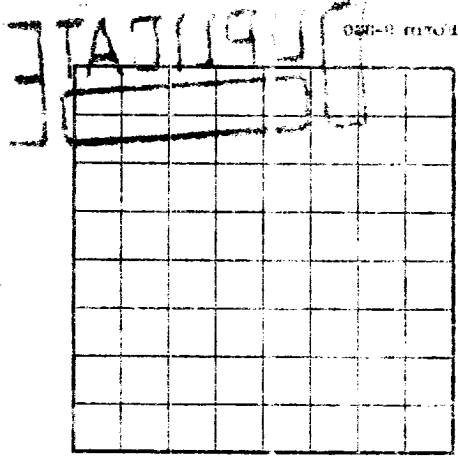
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Clayton Haugh, Driller H. R. Cabb, Driller
B. C. Rickli, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	185	185	Sand and caliche
185	232	47	Red bed
232	332	100	Red bed and shells
332	650	318	Red rock and shells
650	834	184	Red rock
834	944	110	Red rock and shells
944	1059	115	Red rock and anhy
1059	1146	87	Red rock
1146	1226	80	Red rock and shells
1226	1325	99	Red rock and anhy
1325	1375	50	Red rock
1375	1472	97	Red rock and strks of gyp
1472	1561	89	Red rock and anhy
1561	1608	47	Anhy
1608	1631	23	Red rock and anhy shells
1631	1675	44	Anhy and red rock
1675	1748	73	Salt



U.S. LAND OFFICE
SERIAL NUMBER
PLEASE OR PERMIT TO PROSPECT
JACKSON

LOG OF OIL OR GAS WELL

Company _____
Lessor or Trust _____
Well No. _____
Location _____ of _____ Line and _____ of _____ Line of _____
Elevation _____
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 _____
Date _____
The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
19 _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

State _____
County _____
Township _____
Range _____
Section _____
From _____ To _____

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 "detached" 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.

HISTORY OF OIL OR GAS WELL

FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
1748	1875	127	Salt and anhy
1875	2720	845	Salt and anhy
2720	2752	32	Anhydrite
2752	2800	48	Anhydrite and strks of potash
2800	2842	42	Salt and anhydrite
2842	2868	26	Anhydrite
2868	2898	30	Salt
2898	2917	19	Broken anhydrite
2917	3048	131	Anhydrite
3048	3120	72	Anhydrite rock and potash
3120	3135	15	Anhydrite
3135	3170	35	Anhydrite and salt
3170	3200	30	Lime Hard
3200	3245	45	Anhydrite
3245	3292	47	Lime and anhydrite
3292	3325	33	Lime and anhydrite
3325	3396	71	Anhydrite and broken lime
3396	3400	4	Lime (show of gas at 3385)
3400	3400	0	Lime
3400	3800	400	Brown lime
3800		30	

EMPLOYEES

Driller _____
Driller _____

TOOLS USED

Cable tools were used from _____ feet to _____ feet
Heavy tools were used from _____ feet to _____ feet

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____ was oil.
Put to producing _____
19 _____

SHOOTING RECORD

Explosive used _____
Quantity _____
Date _____
Depth shot _____
Depth cleared out _____

PLUGS AND ADAPTERS

Material _____
Depth set _____

MIDDING AND CEMENTING RECORD

Number sacks of cement _____
Material used _____
Depth set _____