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Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Hobbs
SERIAL NUMBER LC 060943
LEASE OR PERMIT TO PROSPECT Lea

HOBBS OFFICE OCC

1962 MAY 8 AM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Odessa Natural Gasoline Co. Address Box 3908, Odessa, Texas

Lessor or Tract Federal Langlie Field Justis Gas State New Mexico

Well No. 1 Sec. 14 T. 25S R. 37E Meridian NMPM County Lea

Location 2310 ft. {N./S.} of S Line and 660 ft. {E./W.} of E Line of Sec. 14 Elevation 3104
(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 Original Signed By
L. N. Dunnavant

Date April 25, 1962 Title Production Superintendent

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

Commenced drilling Feb. 27, 1962 Finished drilling March 14, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4672 to 4763 (G) 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 From—	Perforated To—	Purpose
10-3/4	40.5	8rd	J & L	864'	Halliburton				Surface Pipe.
4-1/2	9.5	8rd	J & L	4858'	Halliburton		4672	4864 (Oil String	
							4730	4781	
							4752	4763	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	864'	490	Pmp & plug	NONE	
4-1/2	4858	525	Pmp & plug	NONE	

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 4860 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

April 25, 1962 Put to producing March 29, 1962

The production for the first 24 hours was ____ barrels of fluid of which ____% was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. ____

If gas well, cu. ft. per 24 hours 3,000,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

Howard Callendar, Driller J. C. Sharp, Driller

J. T. Moore, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Surface Rock & Caliche
130	864	734	Red bed
864	2004	1140	Anhydrite & Salt
2004	3135	1131	Anhydrite & Gyp
3135	3347	212	Anhydrite & Lime
3347	4860	1513	Lime
	4860 TD		

[OVER]

16—48094-8

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
		835'	T/Anhydrite
		2300'	T/Yates
		2545'	T/Seven Rivers
		3095'	T/Penrose
		4666'	T/Glorietta

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Feb. March 27, 1962: Spudded @ 2:30 P.M.

March 1, 1962: Set 864' of 10-3/4", 40.5# surface csg. Cmtd w/440 sks 50-50 Posmix, 6% Gel, plus 50 sks Regular. Circ 75 sks.

March 15, 1962: Set 4858' of 4-1/2", 10.5# & 9.5# csg (oil string). Cmtd w/425 sks 6% Gel, 50-50 Posmix plus 100 sks Reg.

March 19, 1962: Perforated Glorietta formation from 4672-84', 4710-31', 4752-63' (44'). (2 shots per foot)

March 20, 1962: Acidized w/1500 gals regular acid followed by 15,000 gals refined oil plus 25,000# sand. Avg Inj rate 13 BPM, Max CP 3200 ISIP 1100#.

March 21, 1962: Flowing to clean up.

Ran Logs. No DST's were taken.