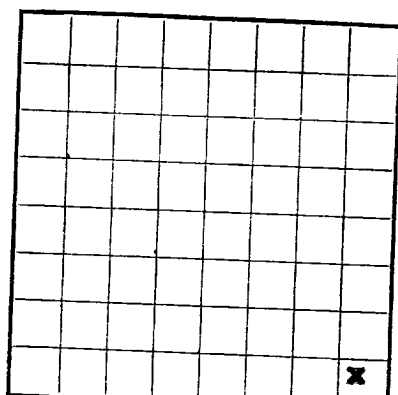


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **06818**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 9 1959



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **Shell Oil Co. & Texas Crude Oil Co.** Address **1201 V & J Tower, Midland, Texas**
Lessor or Tract **Big Biddy Unit** Field **Midland** State **New Mexico**
Well No. **1-30** Sec. **30** T. **20-S** R. **31-E** Meridian **NW 1/4** County **Eddy**
Location **330** ft. **N.** of **S.** Line and **330** ft. **W.** of **E.** Line of **Sec. 30** Elevation **3573**
(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 **November 4, 1959**Signed **J. R. Howard**
Title **Petroleum Engineer**

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

Commenced drilling **3-25**, 19**59** Finished drilling **5-1**, 19**59**OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from **2175** to **2200** No. 4, from _____ to _____
No. 2, from **6786** to **6836** 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—	
13-3/8	44	4	AMERICAN	100	REG	2175	2175	2200	Upper Zone
9-5/8	28	4	AMERICAN	125	REG	2200	2200	2275	Lower Zone
7	21	4	AMERICAN	125	REG	2275	2275	2362	Lower Zone

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	6-8	500	Pump	—	Cement circulated
9-5/8	2096	1250	Pump	—	Cement circulated
7	7354	125	Pump	—	Top Cement 1115+

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
NOT SET	NOT SET					

TOOLS USED

Rotary tools were used from _____ feet to **7350** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was **110** barrels of fluid of which **100** % was oil; **0** %
emulsion; **0** % water; and **0** % sediment. Gravity, °Bé. **18°** API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	630	630	Surface rock, lime & red beds
630	1030	400	Anhydrite, lime and salt.
1030	2200	1170	Salt and potash
2200	2275	75	Anhydrite
2275	4075	1800	Dolomite, lime and sand
4075	7275	3200	Sand and lime
7275	7362	88	Lime

*Daily completed well. July 30, 1959 - Well potentialized from Lower Zone (Dolomite) for 110 barrels of oil plus 115 barrels of water in 24 hrs. Gravity of oil was 36° API.

FORMATION RECORD—Continued

71000

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Commenced drilling 3-27 1959 Finished drilling 7-11 1959 10-29

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

Title Insurance Engineers

Date November 1, 1959 Signed

OIL OR GAS SANDS OR ZONES

(Dereale das pa)

IMPORTANT WATER SANDS

CASING RECORD

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

SHOOTING RECORD

TOOLS USED

DATE

EMPLOYERS

FORMATION RECORD

FORMATION RECORD—Continued

NOTATION