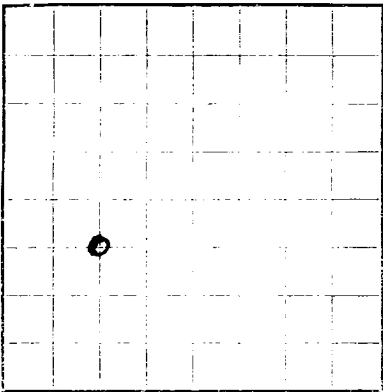




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER N.M. 0634 D
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Murphy E. Baxter Address 102 W&J Tower Bldg., Midland, Texas
Lessor or Tract Federal Field DK. Abc. State New Mexico
Well No. 1-30 Sec. 30 T. 20S. R. 39E. Meridian N.M.P.M. County Lea
Location 1980 ft. N. of S. Line and 662 ft. E. of W. Line of Sec. 30 Elevation 3579 DF
(feet above 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 March 1, 1955 Title Owner

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

Commenced drilling December 13, 1955 Finished drilling January 14, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6965 to 6985 No. 4, from _____ to _____
No. 2, from 7294 to 7344 No. 5, from _____ to _____
No. 3, from 7385 to 7409 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	32	8R	Smls	1666	Float	None	None		Surface
5 1/2	17	8R	Smls	7419	Float	None	6965	6985	Oil
							7294	7344	String
							7385	7409	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1666	600-4%, 200 neat	Halliburton	36 Vis	Hole full
5 1/2	7419	200-4%, 100 neat	Halliburton	36 Vis	Hole full

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 Surface feet to 7419 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 1, 1955, 19____ Put to producing _____ load, 19____

The production for the first 24 hours was 75 barrels of fluid of which 37 % was oil; _____ %
emulsion; 63 % acid 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

Lomax Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO —	TOTAL FEET	FORMATION
123	1666		Fed Beds, Shale and Anhy.
	1741		Anhy & Sand
	2860		Salt & Anhy
	2922		Lime & Sand
	3046		Anhy & Sand
	3120		Cyt & Anhy
	3602		Lime & Sand
	3652		Lime & Anhy
	4486		Lime
	4695		Lime & Sandy Lime
	4795		Lime
	4914		Lime & Sandy Lime
	5015		Sandy Lime
	5042		Sand
	5234		Lime & Sandy Lime
	5265		Sandy Lime
	5330		Sand & Lime
	5460		Sandy Lime
	5527		Lime
	5547		Sand
	6550		Lime
	6560		Sand
	6935		Lime
	6940		Sandy Lime
	7419	Total Depth	Lime

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, 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.

The well was spudded December 13, 1954 and drilling was completed January 14, 1955 at a total depth of 7419'. On December 21, 1954, 8-5/8" surface casing was cemented at 1666' with 600 sx 4 1/2 plus 200 sx neat cement. Cement was circulated to surface. Five cores were taken as follows: Core No. 1 6940-6992; Core No. 2 7240-7290; Core No. 3 7390-7420; Core No. 4 7340-7392; Core No. 5 7392-7417. In general, these cores showed isolated sections of bleeding oil with a high percentage of water. They were hard, dense, with thin sections of porosity with very low permeability. Completion of the well as a producing oil well was attempted as follows: Perf. 7385-7409. Acidized with 500 gal. No shows. Set Baker bridge plug at 7379 on January 22, 1955. Perf. 7297-7377 on January 23, 1955. Acidized with 3500 gal and swabbed dry. Acidized with 5000 gal colortrac. Resealed with 15,000 gal. Swabbed back and proved unproductive. Set bridge plug at 7000'. Perf. 6965-6985 on February 5, 1955. Acidized with 2000 gal. Swabbed back and proved unproductive.

HISTORY OF OIL OR GAS WELL.

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