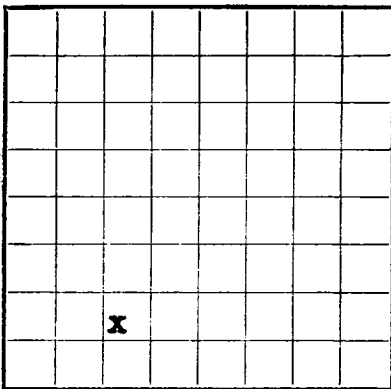
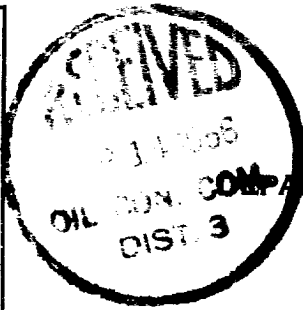




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080375
LEASE OR PERMIT TO PROSPECT Sheets

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN Address 2808 FIRST NATIONAL BANK BLDG.
Lessor or Tract SHEETS Field BALLARD State OKLAHOMA CITY, OKLA.
Well No. 8 Sec. 31 T. 26 R. 3N Meridian N.M.P.M. County BLU ARriba
Location 790 ft. N of S Line and 148 ft. E of W Line of SEC. 31 Elevation 6901
(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 Alfred Greer

Date July 11th, 1956 Title Field Superintendent

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

Commenced drilling March 20th, 1955 Finished drilling March 30th, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2687 to 2784 (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		Purpose
							From	To	
8-5/8"	24#	8	J-55	92					Surface
5-1/2"	15#	8	J-55	2595	Pattern				Production
5-1/2"	14#	8	J-55	167					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	102	70	Pump & Plug		
5-1/2"	2761	100	" " "		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material None Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from Surface feet to 2764 feet, and from feet to feet
Cable tools were used from 2764 feet to 2784 feet, and from feet to feet

DATES

Ran Tubing April 4th, 1956 State Potential Test
Put to producing July 7, 1956

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 1,888,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 661

EMPLOYEES

Benson-Montin-Greer, Driller , Driller
Drilling Corp., Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2581	2581	Surface sand & shale, Ojo Alamo, Kirtland & Fruitland formations
2581	2585	4	Coal
2585	2616	31	Shale
2616	2619	3	Coal
2619	2624	5	Shale
2624	2628	4	Coal
2628	2647	19	Shale
2647	2656	9	Coal
2656	2673	17	Shale
2673	2679	6	Coal
2679	2687	8	Shale
2687	2784	97	Sand TOP OF PICTURED CLIFFS 2687'

FROM—

TO—

TOTAL FEET

[OVER]

FORMATION

16-43094-8

FORMATION RECORD—Continued

.....
U.S. LAND OFFICE
SPECIAL NUMBER
LEADS ON PERMIT TO PROSPECT MINES OF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



TOP OF OIL OR GAS WELL

ULTRASONIC WELDING

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are approximately 20 columns and 20 rows of squares. A small 'X' mark is visible near the bottom center of the page.

3-20-56 No. 1 from casing
 No. 2 from casing
 3-24-56 TD 2764'. Set 5-1/2" casing
 No. 1 from casing
 No. 2 from casing
 3-28-56 Moved in cable tools.
 No. 1 from casing
 No. 2 from casing
 3-30-56 Drilled to TD 2784'. Sand-911 treated 2761-2784' with
 No. 1 from casing
 No. 2 from casing
 with 2,250 gallons diesel oil. Breakdown pressure 1800#,
 treating pressure 1300#. Final pressure 1300#. Injection
 rate 32.2 BPM. Set Baker Model 2B CI bridging plug at
 2741'. Perforated 2690-2704' with 6 jet shots per foot.
 Sand-oil treated through perforations with 8,850 gallons
 diesel oil and 15,682# sand, flushed with 2,150 gallons
 diesel oil. Maximum treating pressure 2250#, injection
 rate 32.7 BPM.
 The summary of the location of the well at this date
 Date
 4-4-56 Drilled out bridging plug. Cleaned out to TD 2784'.
 The information can be determined from the log of the well and all other data
 4-7-56 State potential test by El Paso Natural Gas Company:
 815 661 psi (last 94 days). Open 3 hours through
 3/4" choke on casing. Choke volume 1,815 MCF/day.
 AOF 1,068 MCF/day.
 Company
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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.

HISTORY OF OIL OR GAS WELL

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued