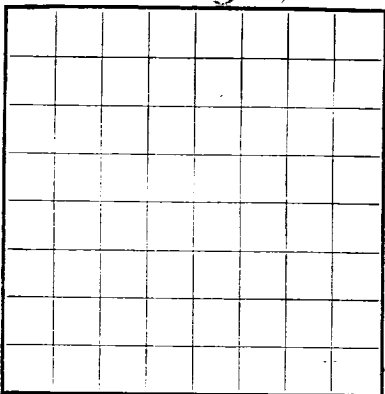


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER NM-086
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 8 1959
U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

(Formerly Drilling & Exploration #1 Jensen)

Company Cabot Carbon Company Address P. O. Box 4395, Midland, Texas
Lessor or Tract Federal Field Undesignated State New Mexico
Well No. 21 Sec. 25 T. 19S R. 34E Meridian NMPM County Lea
Location 660 ft. [S.] of N Line and 660 ft. [E.] of W Line of Section 25 Elevation 3779' (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 April 6, 1959 Signed Title Dist. Prod. Supt.

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

Commenced drilling, 19 Finished drilling, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to 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-R	-	300	-	-	-	-	-

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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 feet to feet, and from 4,000 feet to 5,140 feet
Cable tools were used from feet to feet, and from feet to feet

DATES

, 19 Put to producing, 19

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 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
4000	4693	693	Dolomite w/sand and anhydrite stringer
4693	4765	72	Red Sand
4765	4972	207	Dolomite w/sand stringers
4972	5110	138	Sand w/dolomite stringers
5110	5140	30	Dolomite
			TD 5140'
			Formation Tops
			4693 - Queen
			4972 - Penrose

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

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

The Jensen-Federal Well No. 1 was abandoned in December 1957 by Drilling and Exploration Company at TD 4,000'. Moved in Rotary Rig 1-6-59 and cleaned out to TD. Drilled 7-7/8" hole to 5140' TD without encountering commercial shows of oil or gas. Well was plugged and abandoned using cement plugs at the following depths 1-25-59.

5140 - 4799 - 70 sacks cement
4771 - 4664 - 35 sacks cement
3296 - 3215 - 25 sacks cement
1866 - 1774 - 25 sacks cement
190 - 145 - 15 sacks cement

5 sacks on top.