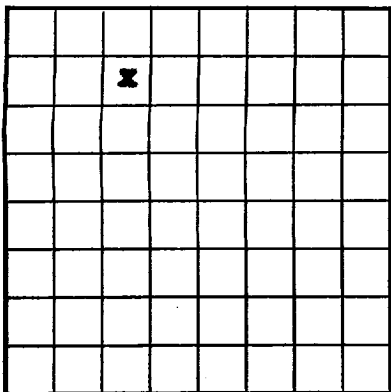


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT 080844



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Benson-Montin Address 315 1/2 N. Main, Farmington, New Mexico
Lessor or Tract Rhodes Field West Kuts State New Mexico
Well No. 1 Sec. 31 T. 28N R. 12W Meridian N.M.P.M. County San Juan
Location 1650 ft. N. of S. Line and 990 ft. E. of W. Line of Sec. 31 Elevation 6012 KB
(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.

ORIGINAL SIGNED

Signed BY ALBERT R. GREER

Date October 9, 1952 Title Field Superintendent

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

Commenced drilling September 12, 1952 Finished drilling October 9, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1798 to 1896 (TD) 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—	
<u>9-5/8"</u>	<u>40</u>	<u>8 Rd.</u>	<u>-</u>	<u>79'</u>	<u>Tex-Pattern</u>	<u>Surface</u>			<u>Surface</u>
<u>6-5/8"</u>	<u>30</u>	<u>8 Rd.</u>	<u>-</u>	<u>277'</u>	<u>Tex-Pattern</u>	<u>1798'</u>			<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>87' RLS</u>	<u>50</u>	<u>Pump & Plug</u>		
<u>6-5/8"</u>	<u>1810' RLS</u>	<u>225 *</u>	<u>" " "</u>		

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
	<u>one</u>					

TOOLS USED

Rotary tools were used from Surface feet to 1810 feet, and from _____ feet to _____ feet
Cable tools were used from 1810 feet to 1896 feet, and from _____ feet to _____ feet

DATES

Abandoned
Put to producing 10-9, 1952

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

Crow-Benson-Montin, Driller (Rotary)
Benson & Montin, Driller (Cable Tools)

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>1798</u>	<u>1790</u>	<u>Surface Sands and Shales, Ojo Alamo, Kirtland and Fruitland Formations.</u>
<u>1798</u>	<u>1896</u>	<u>98</u>	<u>Pictured Cliffs Sand.</u>

FORMATION RECORD—CONTINUED

U. S. LAND OFFICE

Serial Number

PLEASE OR PERMIT TO PROSPECT 080804

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

A 10x10 grid with an 'X' in the 2nd row, 6th column.

LOCATE WELL CORRECTLY

Date October 9, 1923
 Title Field Superintendent
 Signed BY ALBERT R. GREER
 ORIGINAL SIGNED
 The information given herewith is a complete and correct record of the well and all work done thereon
 Location 15542 S. of 4 line and 900 ft. W. of 1/4 line of Sec. 31 T. 28N R. 12W Meridian E.M.E. County San Juan
 Well No. 1
 Lessor or Tract Shoshone
 Company BROWN-KRUEH
 Address 3234 N. 4th St., Salt Lake City, Utah
 State New Mexico

Commenced drilling _____, 1934. Finished drilling _____, 1934. The summary on this page is for the condition of the well at above date

OIL OR GAS SANDS OR ZONES

(*) φ and σ are $\mathcal{L}$ -formulas

No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 3, 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

CAVENDISH RECORD

General		Weight per foot	Threads per inch	Depth	Annulus	Kind of steel	Oil and casing joint	Length Feet	Installed Date
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 the well has been changed, state fully, and if any casing or tubing has been added, state its size and location. If the well has been dynamited, give date, size, position, and number of shots. If pipes 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

DATE	WHERE SET	NUMBER SACS OF CEMENT	METHOD USED	MUD GRADE	AMOUNT OF MUD USED
4-2-50	871	50	PROP. 6. 11%		
5-1-50	1811	100			

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	3110					

TOOLS USED

Rotary tools were used from	1910	feet to	1910	feet, and from	feet
Cable tools were used from	1910	feet to	1910	feet, and from	feet

DATE:

Rock pressure, lbs. per sq. in.	
Oil gas well, cu. ft. per 24 hours	
emulsion; % water; and % sediment	
The production for the first 24 hours was	
Put to producing	
Galons gasoline per 1,000 cu. ft. of gas	
Gravity, °Bé.	
parts of fluid of which % was oil; %	
10-2	

EMPLOYEES

FORMATION RECORD		Driller	
Driller	(Initial)	Driller	Driller
Driller	(Scale Foot)	Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
1338	1338	0	Surface sand and gravel, 0 to 100 ft.
1338	1338	0	Surface sand and gravel, 0 to 100 ft.

FORMATION RECORD—Continued