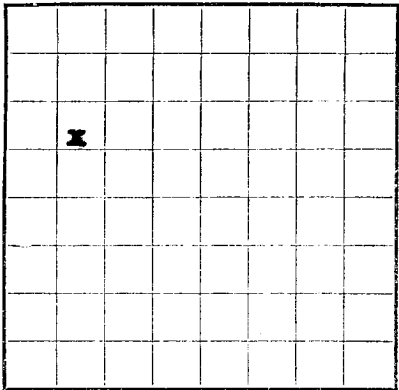




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078903-A
LEASE OR PERMIT TO PROSPECT I-Sec. 844
Gallegos Canyon Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN Address 315 1/2 West Main, Farmington, New Mexico
Lessor or Tract Gallegos Canyon Unit Field West Kutz State New Mexico
Well No. 31 Sec. 34T. 28N. R. 12W Meridian N.M.F.M. County San Juan
Location 1980 ft. N. of N. Line and 990 ft. E. of W Line of Section 34 Elevation 5814' RKB
(Herrick 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 [Signature]

Date April 6, 1953 Title Field Superintendent

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

Commenced drilling February 9, 1953 Finished drilling March 12, 1953.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1493 to 1560 (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—	
10-3/4"	32.7#	8	H-40	97	Tax. Pattern				Surface
(7"	20#	8	J-55	64)					
(6-5/8"	20#	8	LWLP	1428)	Tax. Pattern				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	106	75	Pump & Plug		
(7"					
(6-5/8"	1501	200	Pump & Plug		

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
4"	Tin	SNG	117 quarts	3-12-53	1512-60'	1560'

TOOLS USED

Rotary tools were used from Surface feet to 1501 feet, and from _____ feet to _____ feet
Cable tools were used from 1501 feet to 1580 feet, and from _____ feet to _____ feet

Ran Tubing

DATES

Potential Test

March 17, 1953 Put to producing April 3, 1953.

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 1,130,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 443

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1483	1483	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
1483	1493	10	Coal
1493	1580	87	Pictured Cliffs Sand

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

- 2-9-53 "Notice of Intention to Drill" approved by U.S.G.S.
Moved in rotary tools. Spudded. Set 10-3/4" casing.
2-11-53 Tested casing.
2-13-53 TD 1501'. Set 7" and 6-5/8" casing.
3-9-53 Tested casing. Moved in cable tools.
3-12-53 TD 1580'. Plugged back to 1560' with gravel. Shot from 1512-60' with 117 quarts SMC pumped with gravel and calseal.
3-17-53 Cleaned out to 1560'. Ran 1" tubing to 1554'.
4-3-53 State Potential Test taken by El Paso Natural Gas Company.