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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

CORP.

Company BENSON-MONTIN-GREER DRILLING Address 405 1/2 W. Broadway, Farmington, N.M.

Lessor or Tract H111 Field S. Blanco PC Ext State New Mexico

Well No. 4 Sec. 2 T25N R. 3W Meridian N.M.P.M. County Rio Arriba

Location 790 ft. N of N Line and 1850 ft. E of E Line of Sec. 23 Elevation 7232
(Elevation from 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 October 14, 1958 Title Vice-President

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

Commenced drilling August 28th, 19 58 Finished drilling September 9th, 19 58

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3650 to 3680 (a) 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	26	-	-	-	-	Surface
5-1/2"	15.4	8	J-55	3733	Texa Pattern	-	3662	1680	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	105	70	Pump & Plug		
5-1/2"	37 1/2	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 5735 feet, and from _____ feet to _____ feet
Cable tools were used to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing		DATES	Potential Test
September 18th	19 58	Put to producing	October 3rd 19 58

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 8,894,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1026

EMPLOYEES

----- **Company Tools** -----, Driller -----, Driller
-----, Driller -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3583	3583	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3583	3591	8	Coal
3591	3600	9	Shale
3600	3604	4	Coal
3604	3638	34	Shale
3638	3650	12	Coal
3650	3680	30	Sand
3680	3735	55	Shale
			TOP OF PICTURED CLIFFS (EL) 3650'

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD-Continued			
FORMATION RECORD			
EXPLANATION			
TOOL LOG			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
MODING AND CEMENTING RECORD			

HISTORY OF OIL OR GAS WELL

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, 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.

8-28-58 Moved in to set surface casing; spudded.
8-29-58 TD 105' RKB. Set 5 joints 96' of 8-5/8" OD 24# J-55 casing at 105' with 70 sacks cement; circulated to surface.
8-31-58 Moved in rotary; pressured up on casing to 500#. No pressure decrease in 30 minutes.
9-4-58 TD 375' RKB. Set 115 joints 2735 of 5-1/2" OD 15.5# J-55 casing at 375' with 100 sacks cement.
9-15-58 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.
9-16-58 Cleaned out to 708'. Perforated 362-80' with 4 shots per foot. Sand blasted with 25,000 gallons water and 30,000# sand, flushed with 4,000 gallons water.
Breakdown pressure 3000#, treating pressure 1600-1800#. Dropped 20 rubber balls during treatment. Average production rate 0.9 barrels per minute.

9-18-58 Ran 122 joints 2664' of 1-1/4" RKB tubing landed at 2675' RKB. Shut well in for potential test.

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