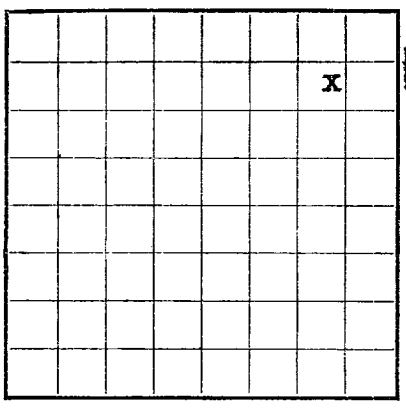
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. Land Office Santa Fe
Serial Number NM 04075
Lease or Permit to Prospect Hill



LOCATE WELL CORRECTLY

RECEIVED
JUL 23 1959
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 27 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN-GREER DRILLING CORP. Address 158 Petroleum Center Building Farmington, New Mexico
Lessor or Tract Hill Field S. Blanco PC State New Mexico
Well No. 10 Sec. 22 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. {N/S} of N Line and 795 ft. {E/W} of E Line of Sec. 22 Elevation 7354 (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 [signature]

Date July 21st, 1959 Title Vice-President

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

Commenced drilling May 12th, 1959 Finished drilling May 23rd, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3794 to 3810 (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 From—	Perforated To—	Purpose
8-5/8"	24#	8	J-55	300	Baker	-	-	-	Surface
5-1/2"	15.5#	8	J-55	3862	Texas Pattern	-	3794	3810	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	100	70	Pump & Plug		
5-1/2"	3865	100	" "		

MARK

FOLD

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 3865 feet, and from ____ feet to ____ feet
Cable tools were used from to complete feet to ____ feet, and from ____ feet to ____ feet

DATES

Ran Tubing June 7th, 1959 Potential Test
Put to producing July 17th, 1959

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 20,254,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 813 Open 3 hours through 3/4" choke on casing. Choke volume 8,102 MCF/day. AOF 20,254 MCF/day.

EMPLOYEES

Company tools, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3700	3700	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3700	3740	40	Coal
3740	3750	10	Shale
3750	3752	2	Coal
3752	3775	23	Shale
3775	3780	5	Coal
3780	3794	14	Shale
3794	3810	16	Sand
3810	3865	55	Shale
			TOP OF PICTURED CLIFFS (ES) 3794'

FROM— TO— TOTAL FEET FORMATION

(OVER)

FORMATION RECORD—CONTINUED

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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, 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.

5-12-59 Moved in to set surface casing. Spudded.

5-13-59 TD 100' RKB. Set 3 joints 90' of 8-5/8" OD 24# J-55 casing at 100' with 70 sacks cement, circulated to surface.

5-14-59 Moved in rotary. Pressured up on casing to 500#. No pressure decrease in 30 minutes.

5-23-59 TD 3865' RKB. Set 118 joints 3862' of 5-1/2" OD 15.5# J-55 casing at 3865' with 100 sacks cement.

6- 4-59 Moved in cable tools. Pressured up on casing to 1000#. No pressure decrease in one hour.

6- 5-59 Cleaned out to 3828'. Perforated 3794' to 3810' with 4 shots per foot. Sandfraced with 20,100 gallons water and 30,000# sand, flushed with 6,300 gallons water. Breakdown pressure 1800#, broke to 600#. Treating pressure 1600-1700#. Dropped 24 rubber balls halfway through treatment. Average injection rate 70.3 barrels per minute.

6- 7-59 Ran 126 joints 3805' of 1-1/4" EUE tubing landed at 3811' RKB. Shut well in for potential test.

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