

A 10x10 grid with an 'x' in the 5th column and 4th row.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 04075**
LEASE OR PERMIT TO PROSPECT **H111**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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Company BENSON-MONTIN-GREER DRILLING CORP. Address 405½ W. Broadway, Farmington, N.M.

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

Well No. 8 Sec. 23 T. 25N R. 3W Meridian N.M.P.M. County Rio Arriba

Location 1620 ft. N. of S Line and 1770 ft. E. of E Line of Sec. 23 Elevation 7216
(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 _____

Date March 30th, 1959 Title Vice-President;

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

Commenced drilling March 10th 1959 Finished drilling March 21st 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G).

No. 1, from None 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	J-55	94	-	-	-	-	Surface

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8-5/8"	104	60	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
		None				

TOOLS USED

Rotary tools were used from Surface feet to 37 3/4 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 23, 1959 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

Company tools _____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	3503	3503	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
3503	3506	3	Coal
3506	3529	23	Shale
3529	3533	4	Coal
3533	3548	15	Shale
3548	3550	2	Coal
3550	3556	6	Shale
3556	3562	6	Coal
3562	3563	1	Shale
3563	3566	3	Coal
3566	3608	42	Shale
3608	3615	7	Coal
3615	3734	119	Shale
EL TOP OF PICTURED CLIFFS 3615' (SHAL OUT			

[OVER]

16-43094-

[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

10-back plug in top of 8-5/8" surface casing, which was left in the hole. Well plugged and abandoned.

Survey. Spotted General Bings as follows:

pressure decrease in 30 minutes.

Moved in rotary. Pressured up on casing to 500#.

surface.

See 3 letters dated 01-08-98
ID 1047 RAB.

Moved in to set surface casing. Spudded.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

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FORMATION RECORD—Continued