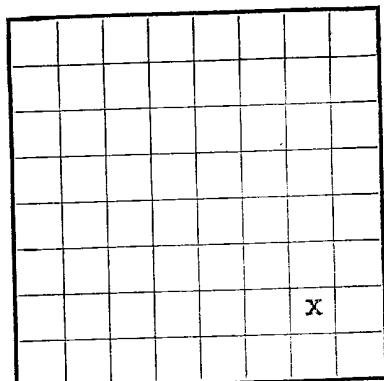


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077978
LEASE OR PERMIT TO PROSPECT Fullerton

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company BENSON-MONTIN-GREER DRILLING CORP. Address 158 Petroleum Center Building
Farmington, New Mexico
Lessor or Tract Fullerton Field Wildcat State New Mexico
Well No. 2 Sec. 28 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 790 ft. N. of S. Line and 790 ft. E. of E. Line of Sec. 28 Elevation 5956
(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 _____ Title Vice-President
Date August 25th, 1959

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

Commenced drilling May 16th, 1952 Finished drilling June 4th, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5142 to 5580 No. 4, from _____ to _____
No. 2, from 6084 to 6161 (G) 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	187	-	-	-	-	Surface
5-1/2"	17#	8	H-80	6287	Texas Pattern	-	6111	6125	Production
							6155	6161	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	199	125	Pump & Plug		
5-1/2"	6278	375	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
		<u>None</u>				

TOOLS USED

Rotary tools were used from Surface feet to 6230 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing Potential Test
June 26th, 1959 Put to producing August 7th, 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 4,456,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1921 psig

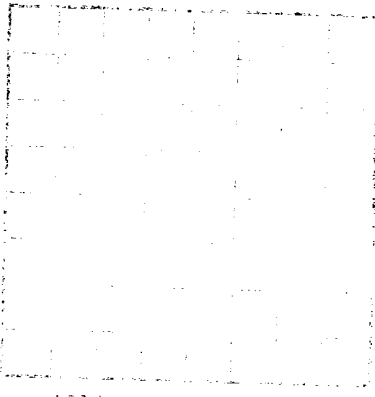
EMPLOYEES

Company Tools _____, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>ELECTRIC LOG TOPS</u>
			KIRTLAND 250'
			FARMINGTON 615'
			FRUITLAND 1130'
			PICTURED CLIFFS 1458'
			LEWIS 1630'
			MESAVERDE 2380'
			POINT LOOKOUT 4000'
			MANCOS 4195'
			GALLUP 5143'
			TOP SANASTEE 5628'
			GREENHORN 5989'
			GRANEROS 6045'
			DAKOTA 6084'

[OVER]



LEW 2000 01 10 00 00

SEE ATTACHMENT

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

10-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

BEMSON-MONTIN-GREEK DRILLING CORP.

WELL HISTORY - FULLERTON #2

- 5-16-59 Moved in rotary rig. Rigged up. Spudded.
- 5-17-59 TD 199' RKB. Set 6 joints 187' of 8-5/8" OD 24# J-55 casing at 199' with 125 sacks cement.
- 5-18-59 Pressured up on casing to 500#. No pressure decrease in 30 minutes.
- 5-30-59 Drilled to TD 6113'. Went in hole with core barrel.
- 5-31-59 Pulled Core #1 from 6113' to 6120'. Core description attached. Drilled to 6152'. Went back in hole with core barrel.
- 6- 1-59 Pulled Core #2 from 6152' to 6172'. Core description attached.
- 6- 2-59 Pulled Core #3 from 6172' to 6193½'. Core description attached.
- Pulled Core #4 from 6193½' to 6227'. Core description attached. Drilled to TD 6260'.
- 6- 3-59 Ran electric logs. Set 188 joints 6287' of 5-1/2" OD 17# N-80 Rge. 2 National Sals. Casing at 6278' with 75 sacks regular cement mixed ½# flocele per sack and 4% gel, plus 300 sacks regular mixed ½# flocele per sack. Temperature survey showed top of cement at 4800'.
- 6-19-59 Moved in cable tools. Rigged up.
- 6-20-59 Pressured up on casing to 5000#. No pressure decrease in 15 minutes. Cleaned out to 6204'. Perforated 6155-61' with 4 shots per foot. Sandfraced with 83,500 gallons water and 75,000# sand, flushed with 20,000 gallons water. Breakdown pressure 4100#, broke to 1600#, maximum treating pressure 4450#, average treating pressure 3950#, final pressure after pumps shut down 1850#. Shut well in to bleed off pressure.
- 6-21-59 CP 325#. Set Guiberson bridge plug at 6135'. Perforated 6111-25' with 4 shots per foot. Possibility of slight communication as pressure built up to 25# and well flowed at approximate rate of 10 barrels water per hour. Sandfraced with 65,000 gallons water and 65,000# sand, flushed with 9,000 gallons water. Breakdown pressure with one truck 1700#. Maximum treating pressure 4650#, minimum 3900#, average injection rate 55.3 barrels per minute.
- 6-23-59 Drilled out bridge plug. Circulated out sand. Commenced blowing well to clean up.

2.

6-26-59 Ran 197 joints 6149' of 2-3/8" OD EUE tubing landed
at 6161' RKB.

7-10-59 Shut well in for potential test.

BENNETT-MONTIN-CREEK DRILLING CORP.

FULLERTON #2

CORE #1 Cored 6113' to 6120'. Cored 7', recovered 7' of hard fine compact sand bleeding gas and distillate. Good odor throughout. Vertical fractures 6113-6118'.

CORE #2 Cored 6152 - 6172'. Cored 20', recovered 20'.

6152 - 6154'	Medium grey coarse sand, good porosity, good gas and distillate bleed, vertical fractures.
6154 - 6155½'	Very fine grey sandy shale.
6155½ - 6158½'	Black carbonaceous shale, bleeding gas.
6158½ - 6159½'	Very fine grey sandy shale, bleeding gas.
6159½ - 6162'	Fine sandy silty carbonaceous shale.
6162 - 6165'	Black carbonaceous shale, bleeding gas.
6165 - 6168½'	Black carbonaceous very sandy shale.
6168½ - 6171½'	Black carbonaceous shaly sand, very fine grained.
6171½ - 6172'	Very fine hard sandstone, thin laminations, bleeding gas.

CORE #3 Cored 6172' to 6193½'. Cored 21½', recovered 21½'.

6172 - 6173'	Very fine grey slightly silty sand, thin shale streaks, vertical fracture.
6173 - 6174'	Very fine silty carbonaceous shaly sand.
6174 - 6175'	Coal.
6175 - 6181½'	Fine carbonaceous dirty silty sand.
6181½ - 6190'	Very fine dark grey carbonaceous sand.
6190 - 6191½'	Very fine dark grey carbonaceous sand with black shale streaks.
6191½ - 6192'	Fine hard carbonaceous sand.
6192 - 6193½'	Fine grey silty sand.

CORE #4 Cored 6193½' to 6227'. Cored 53½', recovered 33½'.

6193½ - 6194'	Medium hard tight sand.
6194 - 6196'	Hard fine sandy carbonaceous shale.
6196 - 6198'	Very fine hard tight sand.
6198 - 6200'	Silty tight carbonaceous sand.
6200 - 6201'	Sandy shale.
6201 - 6202'	Coal.
6202 - 6204'	Black very carbonaceous shale.
6204 - 6205'	Sandy carbonaceous shale.
6205 - 6207'	Black carbonaceous shale.
6207 - 6208'	Hard tight fine silty sand.
6208 - 6209'	Black carbonaceous shale.
6209 - 6210'	Fine carbonaceous hard tight sand.
6210 - 6215'	Black carbonaceous pokerchip shale, slightly silty.
6205 - 6219'	Coal.
6219 - 6220'	Very fine very hard silty sand.
6220 - 6222'	Very fine black sandy carbonaceous shale.
6222 - 6227'	Black hard slightly carbonaceous sandy shale.