

A rectangular grid consisting of 8 columns and 6 rows of squares. A small black 'x' is located in the second row from the bottom, in the seventh column from the left.

U. S. LAND OFFICE Window Rock
SERIAL NUMBER I-149-Ind-7178
LEASE OR PERMIT TO PROSPECT _____
Stony Butte #11

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

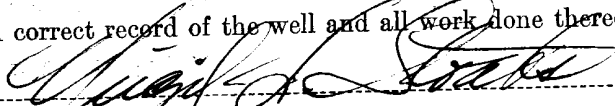
Company **BENSON-MONTIN-GREER DRILLING** CORP. Address **405 1/2 W. Broadway, Farmington, N.M.**

Lessor or Tract **Stony Butte** Field **Stony Butte** State **New Mexico**

Well No. **11** Sec. **36** T. **22N** R. **14W** Meridian **N.M.P.M.** County **San Juan**

Location **650** ft. **{N.}** of **8** Line and **685** ft. **{E.}** of **E** Line of **Sec. 36** Elevation **6086**
{S.} **{W.}** (Track 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 **Engineer**

Date **February 4th, 1958**

Date February 11, 1938
The summary on this page is for the condition of the well at above date.

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Commenced drilling January 17th, 1958 Finished drilling January 31st, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

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"	24.4	8	J-55	124					Surface

MUDDING AND CEMENTING RECORD

MUDGING AND CEMENTING RECORD					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	133	75	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

TOOLS USED

Rotary tools were used from ~~Surface~~ feet to **3975** feet, and from _____ feet to _____ feet

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

DATES

Plugged and abandoned
January 31st, 1958

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 -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>ELECTRIC LOG TOPS</u> Point Lookout 1842' Mancos 1943' Gallup 2910' Sanastee 3245' Greenhorn 3613' Graneros 3660' Dakota 3705' Morrison 3969'



BENSON-MONTIN-GREEK DRILLING CORP.
STONY BUTTE #11
CORE DESCRIPTION

CORE #1 790' to 830'. Cored 40', recovered 38.5'

790 - 795	Fine light varicolored silty sand
795 - 800	Medium coarse varicolored sand
800 - 809.5	Light grey sandy shale
809.5 - 810.5	Coarse varicolored sand with slight show of oil
810.5 - 828.5'	Shale with very thin sandy shale streaks

CORE #2 830' to 852'. Cored 22', recovered 23.5' (1.5' of shale from Core #1)

830 - 832.5	Shale
832.5 - 842	Light grey medium to coarse slightly silty sand with oil stain and odor
842 - 843	Silty carbonaceous sand
843 - 852	Shale

CORE #3 852' to 869'. Cored 17', recovered 17'

852 - 854	Sandy shale highly fractured with oil in fractures
854 - 856.5	Medium to coarse sand, oil stain and slight fracturing
856.5 - 869	Shale

CORE #4 869' to 877'. Cored 8', recovered 8'

869 - 877	Shale
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CORE #5 3791' to 3843'. Cored 52', recovered 52'

3791 - 3794	Dark grey sandy shale
3794 - 3795	Dark grey compact silty sand slightly bleeding gas. No odor.
3795 - 3799	Dark grey shale, fossiliferous
3799 - 3801.5	Black slightly sandy shale
3801.5 - 3802.5	Black super fossiliferous fine silty sand
3802.5 - 3809	Fine compact silty hard sand
3809 - 3813	Fine soft angular porous quartz sand. No fluorescence, no odor, no stain
3813 - 3817	Medium ditto
3817 - 3820	Medium fine slightly carbonaceous silty hard sand with fracture 3817-18'
3820 - 3823	Dark grey sandy shale, slightly carbonaceous
3823 - 3825	Coal
3825 - 3833	Fine quartz slightly carbonaceous sand
3833 - 3838	Medium slightly varicolored quartz sand
3838 - 3841.5	Ditto, slightly carbonaceous
3841.5 - 3843	Dark grey sandy shale

All sands wet with water.

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