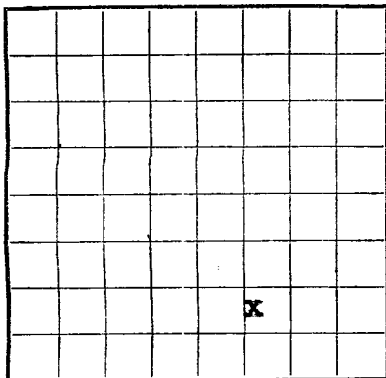




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Santa Fe

U. S. LAND OFFICE

SERIAL NUMBER

078101

LEASE OR PERMIT TO PROSPECT

Shipp

RECEIVED

OCT 15 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 **Shipp** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **1** T. **27N** R. **13W** Meridian **N.M.P.M.** County **San Juan**
Location **790** ft. **N.** of **S** Line and **1850** ft. **E.** of **E** Line of **Sec. 1** Elevation **5783**
(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 **October 12th, 1959**Title **Vice-President**

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

Commenced drilling **August 27th**, 19**59** Finished drilling **September 9th**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5814** to **6017 (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		Purpose
							From—	To—	
8-5/8"	43.8	8	5814	200	Pattern	Surface	5500	5920	Drilling
5-1/2"	37.5	8	5814	375	Pattern	Surface	5938	6017	Drilling
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	263	200	Pump & Plug		
5-1/2"	6040	375	" "		

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 **6040** feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to _____ feet, and from _____ feet to _____ feet

Ran Tubing **Potential Test**
September 29th, 19**59** Put to producing **October 9th**, 19**59**

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 **5,212,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **2140 psia** Open 3 hours through 3/4" choke on tubing. Choke volume **4,517 MCF/day.**

EMPLOYEES

Company Tools, Driller _____, Driller _____

_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
ELECTRIC LOG TOPS			
			FARMINGTON 500'
			FRUITLAND 1030'
			Pictured Cliffs 1270'
			LEWIS 1400'
			CLIFFHOUSE 2160'
			MENEFEE 2240'
			POINT LOOKOUT 3740'
			MANCOS 4002'
			GALLUP 4887'
			BASE GALLUP 5310'
			SANASTEE 5360'
			GRKENHORN 5722'
			GRANEROS 5780'
			DAKOTA 5814'

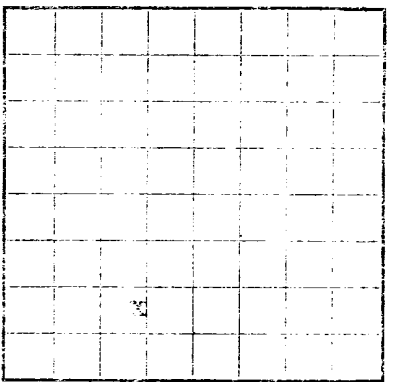
FROM—

TO—

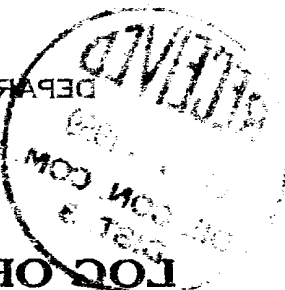
TOTAL FEET

FORMATION

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C. 20548

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 _____
Title _____

Location _____ of _____ line and _____ ft. _____ of _____ line of _____ Sec. _____ of _____ Township _____ Range _____ Meridian _____ N.E. _____ S.E. _____ S.W. _____ N.W. _____
Well No. _____
Section or Tract _____
Company _____
Address _____
State _____
County _____
Field _____
Wildcat _____
New Mexico _____
155 Petroleum Center Building
Address _____
State _____
County _____
Field _____
Wildcat _____
New Mexico _____

The summary on this page is for the condition of the well at above date.
Completed drilling _____
Commenced drilling _____
Finished drilling _____
1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from _____ to _____ (G) _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

Casing size, per foot	Weight, per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From - To -	
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 date, size, position, and number of joints. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning. If plugged or left in the well, give the case and location. If the well has been dynamited, give date, size, position, and number of joints.								

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing size	Weight per foot	Number of joints of cement	Method used	Mud gravity	Amount of mud used
8-5/8" 50.0	50.0	500	Pump - 500		
8-5/8" 50.0	50.0	500			

PLUGS AND ADAPTERS

Heavy plug - _____
Adapter - _____
Depth set _____

SHOOTING RECORD

Date	Quantity	Depth shot	Depth cleared out

TOOLS USED

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

DATES

Put to producing _____
Potential test _____
The production for the first 24 hours was _____
It gas well, cut 16 per 24 hours 2.215, 2.000
Rock pressure, lbs. per sq. in. _____
Emission: _____% water; and _____% sediment.
Open 7 hours through 2 1/4" choke on _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, °Be _____
Partials of fluid of which _____% was oil; _____%
Put to producing _____
Potential test _____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
			DAKOTA
			GRANITE
			GREENHORN
			SANDSTONE
			BASH GALLIE
			GALLOP
			HANCOCK
			POINT LOOKOUT
			WHEAT
			CLIFFHOUSE
			LEWIS
			Pigeon Bluffs
			FRUITLAND
			FARMINGTON
			500'

FORMATION RECORD—Continued