

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER I-149-Ind-8475
LEASE OR PERMIT TO PROSPECT I-See 844
Gallegos Canyon Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company HENSON-MONTIN Address 1501 REPUBLIC BLDG., OKLAHOMA CITY
 Lessor or Tract GALLEGOS CANYON UNIT Field WEST KUTZ State NEW MEXICO
 Well No. 33 Sec. 21 T. 28N R. 12W Meridian N.M.P.M. County San JUAN
 Location 970 ft. $\left\{ \begin{array}{c} \text{N.} \\ \text{S.} \end{array} \right\}$ of S. Line and 970 ft. $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$ of W Line of Section 21 Elevation 5569
(Elevation above 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 Robert L. Green

Date September 14, 1953 Title Field Superintendent

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

Commenced drilling May 16, 1953 Finished drilling June 23, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1310 to 1381 (C) 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. 2, from _____ to _____

No. 3, 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	Purpose
9-5/8"	32.3#	8	H-40	77'	Tex. Pattern		Surface
7"	17#	8	H-40	1300'	Tex. Pattern		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	86'	90	Pump & Plug		
7"	1315'	163	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material ~~None~~ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
4"	Tin	SNG	95 quarts	6-23-53	1328-72'	1372'

TOOLS USED

Rotary tools were used from 78 feet to 1331' feet, and from _____ feet to _____ feet

Cable tools were used from (Surface) feet to 78' feet, and from _____ feet to _____ feet

Ran Tubing

June 26

--, 19--**53**

Put to producing

State Potential Test:

September 12, 1953

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 ~~3,400,000~~

Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- **457.5**

EMPLOYEES

~~Crow, Benson & Montin~~

Driller (Rotary)

., Driller

Benson-Montin

Driller (Cable Tools)

., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1289	1289	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland Formations
1289	1301	12	Coal
1301	1305	4	Shale
1305	1308	3	Coal
1308	1310	2	Shale
1310	1381	71	Pictured Cliffs Sand

