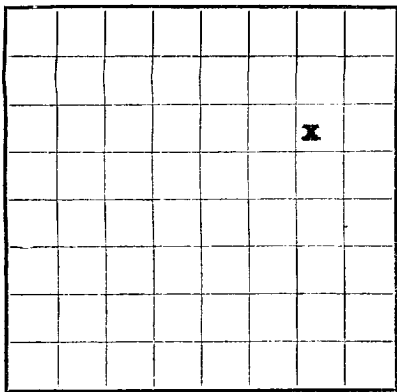




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **I-149-Ind.8475**
LEASE OR PERMIT TO PROSPECT **I-Sec.844**
Callegos Canyon UnitUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **BENSON-MONTIN** Address **315½ West Main, Farmington, New Mexico**
Lessor or Tract **Callegos Canyon Unit** Field **West Kutz** State **New Mexico**
Well No. **18** Sec. **21** T. **28N** R. **12W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **N.** of **N.** Line and **900** ft. **E.** of **E.** Line of **Section 21** Elevation **5577'** RKB
(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 **April 6, 1953**Title **Field Superintendent**

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

Commenced drilling **July 2**, 19 **52** Finished drilling **July 24**, 19 **52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1365** to **1429 (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 **110** to **205** No. 3, from _____ to _____
No. 2, from **2-25** to **2-28** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Thrust per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	25.55#	8	Used	564'	Tex. Pattern				Surface
5-1/2"	14#	8	J-55	1360'	Tex. Pattern				Production
REMARKS ON LOG OF ONE MEET									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	610	300	Pump & Plug		
5-1/2"	1374	100	" " "		

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
4"	Tin	SNF	100 quarts	7-25-52	1387-1429'	1428'

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **Surface** feet to **1429** feet, and from _____ feet to _____ feet

Ran Tubing

DATES

Potential Test

July 27, 19 **52** Put to producing **April 3**, 19 **53**

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

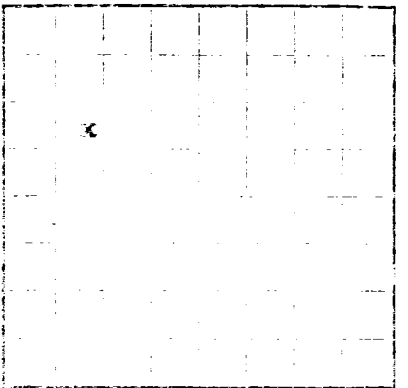
If gas well, cu. ft. per 24 hours **2,486,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **457**

EMPLOYEES

Benson-Montin, Driller **Cable Tools**, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1344	1344	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations.
1344	1355	11	Coal
1355	1365	10	Shale
1365	1429	64	Pictured Cliffs Sand



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

PLEASE PRINT OR TYPE IN BLOCK LETTERS
GIVE DATE OF LOGGING

WELL NO. _____
FIELD NO. _____
SECTION _____

LOGGING COMPANY NO. _____
LOGGING COMPANY NAME _____

Company _____
Address _____
City _____ State _____
Well No. _____
Field No. _____
Section _____
Location _____
The information given herein 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 _____

The accuracy of this record is for the benefit of the well as above data.
7-27-52 State potential test taken by El Paso Natural Gas Company.
7-27-52 Cleaned out to 1428'. Run 66 joints of tubing to 1421'.
7-25-52 Shot with 100 grains SNG from 1367' to 1429'.
7-22-52 Tested casing. No. 1 from 1428' to 1421'.
7-20-52 Tested casing. No. 2 from 1428' to 1421'.
7-11-52 Tested casing. No. 3 from 1428' to 1421'.
7-9-52 TD 600'. Set 8-5/8" casing. No. 4 from 1428' to 1421'.
7-8-52 Moved in cable tools. Spudded.
7-8-52 Notice of intention to drill approved by U.S.G.S.

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, position, and number of charges. If logs or bridges were put in the test for water, state kind of material used, position, and results of pumping or testing.

HISTORY OF OIL OR GAS WELL

HISTORY OF OIL OR GAS WELL			
INDEXING AND REMARKS RECORD			
DATE	DESCRIPTION	REMARKS	INDEX
7-8-52	Spudded		
7-8-52	Notice of intention to drill approved by U.S.G.S.		
7-9-52	TD 600'. Set 8-5/8" casing. No. 4 from 1428' to 1421'.		
7-11-52	Tested casing. No. 3 from 1428' to 1421'.		
7-20-52	Tested casing. No. 2 from 1428' to 1421'.		
7-22-52	Tested casing. No. 1 from 1428' to 1421'.		
7-25-52	Shot with 100 grains SNG from 1367' to 1429'.		
7-27-52	Cleaned out to 1428'. Run 66 joints of tubing to 1421'.		
7-27-52	State potential test taken by El Paso Natural Gas Company.		
TOOL RECORD			
DATE	TOOL	REMARKS	INDEX
7-8-52	Cable tools	Used for spudding	
7-9-52	Cable tools	Used for running casing	
7-11-52	Cable tools	Used for testing casing	
7-20-52	Cable tools	Used for testing casing	
7-22-52	Cable tools	Used for testing casing	
7-25-52	Cable tools	Used for shooting	
7-27-52	Cable tools	Used for cleaning	
FORMATION RECORD			
DATE	FORMATION	REMARKS	INDEX
7-8-52	Shale	Spudded	
7-9-52	Shale	TD 600'	
7-11-52	Shale	Tested casing	
7-20-52	Shale	Tested casing	
7-22-52	Shale	Tested casing	
7-25-52	Shale	Shot with SNG	
7-27-52	Shale	Cleaned out	
7-27-52	Shale	State potential test	
DATES			
DATE	DESCRIPTION	REMARKS	INDEX
7-8-52	Spudded		
7-9-52	TD 600'		
7-11-52	Tested casing		
7-20-52	Tested casing		
7-22-52	Tested casing		
7-25-52	Shot with SNG		
7-27-52	Cleaned out		
7-27-52	State potential test		
TOOL RECORD			
DATE	TOOL	REMARKS	INDEX
7-8-52	Cable tools	Used for spudding	
7-9-52	Cable tools	Used for running casing	
7-11-52	Cable tools	Used for testing casing	
7-20-52	Cable tools	Used for testing casing	
7-22-52	Cable tools	Used for testing casing	
7-25-52	Cable tools	Used for shooting	
7-27-52	Cable tools	Used for cleaning	
FORMATION RECORD			
DATE	FORMATION	REMARKS	INDEX
7-8-52	Shale	Spudded	
7-9-52	Shale	TD 600'	
7-11-52	Shale	Tested casing	
7-20-52	Shale	Tested casing	
7-22-52	Shale	Tested casing	
7-25-52	Shale	Shot with SNG	
7-27-52	Shale	Cleaned out	
7-27-52	Shale	State potential test	