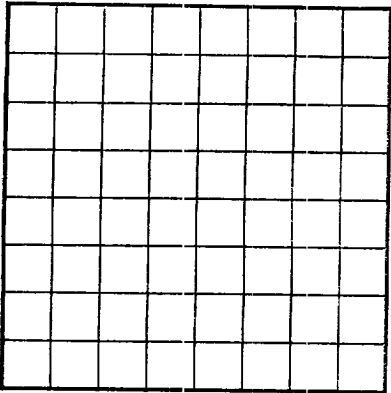




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 1-3ec 844
LEASE OR PERMIT TO PROSPECT 072905
Callegos Canyon Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Benson & Montin Address 1501 Petroleum Building
Lessor or Tract Callegos Canyon Unit Field Wildcat State New Mexico
Well No. 8 Sec. 22 T. 28N R. 12W Meridian 101W County San Juan
Location 106 1/2 {N.} of 5 Line and 890 ft. {E.} of N. 1/4 Line of Sec. 22 Elevation 5666 M.
(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 March 6, 1952 Title Field Superintendent

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

Commenced drilling 10-12-, 19 51 Finished drilling 12-7-, 19 51

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 650 to 870 G No. 4, from 5754 to 6188 G
No. 2, from 1427 to 1992 G No. 5, from _____ to _____
No. 3, from 5370 to 5440 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 200 to 300 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—	
<u>13 3/8</u>	<u>43</u>	<u>8rd</u>	<u>Natl.</u>	<u>95'</u>	<u>Conica</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Surface</u>
<u>9 5/8</u>	<u>40</u>	<u>8rd</u>	<u>Natl.</u>	<u>910'</u>	<u>"</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Intermediate</u>
<u>7</u>	<u>20 7/8</u>	<u>8rd</u>	<u>Natl.</u>	<u>1533</u>	<u>"</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Production</u>
<u>7</u>	<u>23</u>	<u>8rd</u>	<u>Natl.</u>	<u>429 1/2</u>	<u>"</u>				
<u>7</u>	<u>26</u>	<u>8rd</u>	<u>Natl.</u>	<u>132</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>95'</u>	<u>200</u>	<u>Pump & Plug</u>	<u>---</u>	<u>---</u>
<u>9 5/8</u>	<u>910'</u>	<u>405</u>	<u>"</u>	<u>---</u>	
<u>7</u>	<u>5999</u>	<u>150</u>	<u>"</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>5"</u>	<u>tin</u>	<u>SEA</u>	<u>100</u>	<u>1-3-52</u>	<u>6026-6103</u>	<u>6103</u>

TOOLS USED

Rotary tools were used from Surf feet to 6188 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Feb 8, 19 52 Put to producing Sept 12, 19 _____
The production for the first 24 hours was 221.3 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 560 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in., 1976 6 hour test

EMPLOYEES

McConnell Drilling Corp., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>200</u>	<u>200</u>	<u>Surface sand and shale</u>
<u>200</u>	<u>300</u>	<u>100</u>	<u>Sand (Ojo Alamo)</u>
<u>300</u>	<u>650</u>	<u>350</u>	<u>Shale & sand stringers</u>
<u>650</u>	<u>870</u>	<u>220</u>	<u>Sand with shale stringers (Farmington)</u>
<u>870</u>	<u>1427</u>	<u>557</u>	<u>Shale</u>
<u>1427</u>	<u>1545</u>	<u>118</u>	<u>Gas sand (Pictured Cliffs)</u>
<u>1545</u>	<u>2955</u>	<u>1410</u>	<u>Shale & sand stringers (Lordsburg)</u>
<u>2955</u>	<u>3030</u>	<u>75</u>	<u>Sand and shale (Cliff House)</u>
<u>3030</u>	<u>3950</u>	<u>920</u>	<u>Shale and sand (Mesquite)</u>
<u>3950</u>	<u>4150</u>	<u>200</u>	<u>Sand and shale (Point Lookout)</u>
<u>4150</u>	<u>5370</u>	<u>1220</u>	<u>Shale (Mancos)</u>
<u>5370</u>	<u>5440</u>	<u>70</u>	<u>Sand (Torito)</u>
<u>5440</u>	<u>5855</u>	<u>415</u>	<u>Shale</u>
<u>5855</u>	<u>5910</u>	<u>55</u>	<u>Shale (Greenhorn)</u>
<u>5910</u>	<u>5950</u>	<u>40</u>	<u>Shale (Maneros)</u>
<u>5950</u>	<u>6188</u>	<u>238</u>	<u>Sand (Sakota)</u>

FROM-	TO-	TOTAL FEET	FORMATION
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[illegible]

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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.

Date	Time	Location	Remarks
10-18-51			Spudded
10-19-51			Set surface casing
10-21-51			Resumed drilling
10-22-51			Set 6 5/8" intermediate casing @ 910'
10-24-51			8 hours after plug down, well blew out between surface casing @ 9 5/8".
10-27-51			Resumed drilling
11-25-51			Set 7" casing at 595'
11-30-51			Drilled to 598 1/2'. Recommended casing = 598 1/2'
12-1-51			Cased to 11' @ 618'
12-23-51			Moved to shale tools
12-27-51			Spotted cement plug on bottom (25 ex)
1-1-52			Drilled out cement to 6203'
1-3-52			Shot with 300
1-10-52			Run 2" tubing to 6241'
2-8-52			Measured 125 feet @ 6 days
			Potential test
			Measured 500 feet @ 6 hours est. 3 BOD
			SIP 1976