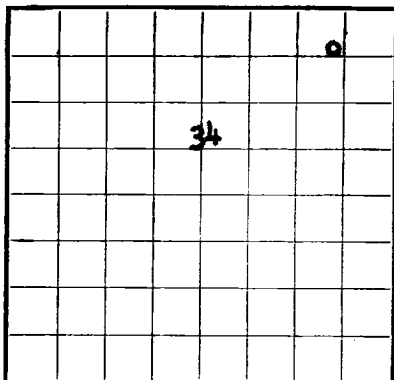




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 078425
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
JUN 18 1958
U. S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF RESEARCH

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Bldg., Dallas, Texas
Lessor or Tract San Juan 29-7 Unit Field Blanco MV State New Mexico
Well No. 60 Sec. 34 T. 29N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1030 ft. N of N Line and 970 ft. E of E Line of Section 34 Elevation 6459
(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 L. E. Muehlen Title Exploration Engineer

Date June 9, 1958

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

Commenced drilling 5-11-, 1958 Finished drilling 5-25-, 1958OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4846 to 5052 (G) No. 4, from _____ to _____
No. 2, from 5399 to 5497 (G) 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—	
10-3/4	32.75	8RD	H-40	218					Surface Production
7-5/8	26.47	8RD	J-55	948					
5-1/2	15.54	8RD	J-55	2418					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	208 KB	200	Halliburton		
7-5/8	3398 KB	200	Halliburton		
5-1/2	3181-5599	275	Halliburton		
2"	5511				

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
Perf. 5399-5497-fraced with 92,400 gals. water, 100,000# sand & 189 rubber balls, IR 48 EPM						
Perf. 5052-4936, 4900-4890, 4876-4846-fraced with 82,000 gals. water, 80,000# sand & 136 rubber balls, IR 47 EPM.						

TOOLS USED

Rotary tools were used from -0- feet to 3400 w/sand feet, and from 3400 feet to 5600 w/gas feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-29-, 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 12,242 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1072#

EMPLOYEES

Fleeger Drilling, Inc., Driller J. M. Murphy, Driller
W. M. McDonald, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>-0-</u>	<u>213</u>	<u>213</u>	<u>Shale & sand</u>
<u>213</u>	<u>470</u>	<u>257</u>	<u>Rock & sand</u>
<u>470</u>	<u>1446</u>	<u>976</u>	<u>Shale & sand</u>
<u>1446</u>	<u>1469</u>	<u>23</u>	<u>Shale</u>
<u>1469</u>	<u>1759</u>	<u>290</u>	<u>Sand & shale</u>
<u>1759</u>	<u>1954</u>	<u>195</u>	<u>Shale</u>
<u>1954</u>	<u>2160</u>	<u>206</u>	<u>Sand & shale</u>
<u>2160</u>	<u>2276</u>	<u>116</u>	<u>Shale</u>
<u>2276</u>	<u>2600</u>	<u>324</u>	<u>Sand & shale</u>
<u>2600</u>	<u>2692</u>	<u>92</u>	<u>Shale</u>
<u>2692</u>	<u>2962</u>	<u>270</u>	<u>Sand & shale</u>
<u>2962</u>	<u>3082</u>	<u>120</u>	<u>Shale</u>
<u>3082</u>	<u>3202</u>	<u>120</u>	<u>Sand, shale & coal</u>
<u>3202</u>	<u>3317</u>	<u>115</u>	<u>Sand & shale</u>
<u>3317</u>	<u>4872</u>	<u>1555</u>	<u>Shale</u>
<u>4872</u>	<u>4918</u>	<u>46</u>	<u>Sand</u>
<u>4918</u>	<u>5427</u>	<u>509</u>	<u>Shale, sand & coal</u>
<u>5427</u>	<u>5600 TD</u>	<u>173</u>	<u>Sand & shale</u>
			TOPS: Cliff House 4937' Point Lookout 5400'

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pipes or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

FROM-	TO-	TOTAL FEET	FORMATION
FORMATION RECORD			
GAS COVER			
TOOLS USED			
SHOOTING RECORD			
PIPING AND APPENDIX			
REMARKS AND EXPLANATIONS			