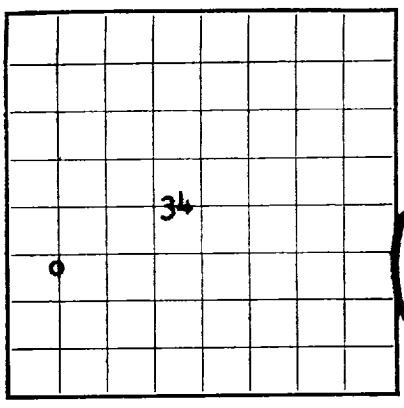
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF-078214
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas

Lessor or Tract McCord Field Wildcat State New Mexico

Well No. 2 Sec. 34 T 30N R. 13W Meridian N.M.P.M. County San Juan

Location 1650 ft. {N./S.} of S Line and 1190 ft. {E./W.} of W Line of Section 34 Elevation 5639'
(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 Paul J. Clote
Paul J. Clote, Manager

Date November 9, 1959 Title Drilling and Production

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

Commenced drilling July 30, 19 59 Finished drilling August 25, 19 59

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6116 to 6228 (G) No. 4, from ____ to ____

No. 2, from 6260 to 6286 (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 From—	Perforated To—	Purpose
10-3/4	32.75	8RD	[illegible]	295.54					
4-1/2	9.5	8RD	J-55	6369					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	283.54 KB	141	Halliburton		
4-1/2	6347 KB	425	Halliburton		
2"	6123.19				

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. 1st stage 6260-6286', Fraced w/31,110 gals. water, 30,000# sand. IR - 32 BPM						
Perf. 2nd stage 6116-6228', Fraced w/32,736 gals water, 30,000# sand. IR - 32 BPM						

TOOLS USED

Rotary tools were used from -0- feet to 6351 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

September 4, 19 59 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 CAOF 4,306 MCFPD/ w/69.6 bbl. of distillate per day. Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 2105# (60 days)

EMPLOYEES

Huron Drilling Co., Driller W. R. Buster, Driller

K. R. Phillips, Driller E. J. Morris, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	158	158	Sand and rock
158	300	142	Sand, rock and shale
300	355	55	Sand and shale
355	2776	2421	Shale
2776	2945	169	Sand and shale
2945	3128	183	Shale
3128	3236	108	Sand and shale
3236	3389	153	Shale
3389	3481	92	Sand and shale
3481	3658	177	Shale
3658	4290	632	Sand and shale
4290	4458	168	Shale
4458	4585	127	Sand and shale
4585	4661	76	Shale
4661	6200	1539	Sand and shale
6200	6216	16	Shale
6216	6225	9	Sand
6225	6321	96	Sand and shale
6322	6330	8	Sand
6330	6351 TD	21	Sand and XXXX shale

TOPS:

Pictured Cliff	1545'
Cliff House	3088'
Point Lookout	3902'
Mancos	4306'
Gallup	5254'
Greenhorn	6010'
Dakota	6110'

[OVER]

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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.