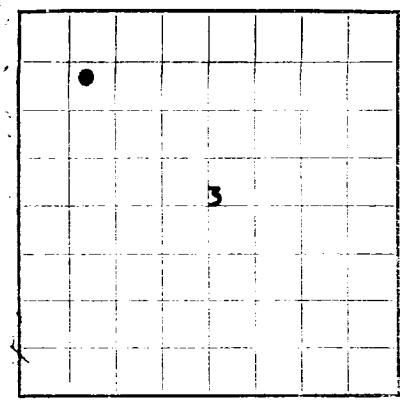
Form 9-330

Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM 012897
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 Bldg., Dallas, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 3 T. 17S R. 28E Meridian N.M.P.M. County Eddy
Location 990 ft. [N.] of N Line and 990 ft. [E.] of Line of Section 3 Elevation 3548
(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 A. M. Wiederkehr
Date September 8, 1958 Title Mgr, Exploration Dept.

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

Commenced drilling 7-12, 58 Finished drilling 8-3 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1374 to 1388 (G) No. 4, from ____ to ____
No. 2, from 1404 to 1414 (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
8-5/8	32#	8RD	H-40	451		Pulled All			
5-1/2	15.5#	8RD	J-55	1475					Water shut off

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5-1/2	1465	Cemented to surface	Halliburton		
2"	1370	400			

MARK

FOLD

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. 1374-88, 1404-14, fraced with 40,320 gals. oil and 33,500# sand, dropped 50 rubber balls, IR 31.3 BPM.						

TOOLS USED

Rotary tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet
Cable tools were used from -0- feet to 1623 feet, and from ____ feet to ____ feet

DATES

8-6, 58 first sustained Put to producing ____, 19____

The production for the first 24 hours was 35 barrels of fluid of which 100 % was oil; ____% emulsion; ____% water; and ____% sediment. Gravity, °Bé. 25

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____
Rock pressure, lbs. per sq. in. SIP 650#, FTP 125#, FCP 175#

EMPLOYEES

Kersey & Company, Driller ____, Driller
____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	240	240	Shale & Anhydrite
240	400	160	Shale, Anhydrite & Dolomite
400	460	60	Sand & Shale
460	520	60	Sand, Shale & Lime
520	1130	610	Lime & Shale
1130	1170	40	Sand & Shale
1170	1250	80	Lime
1250	1320	70	Sand & Shale
1320	1375	55	Lime
1375	1623 TD	248	Sand & Shale

TOPS: Yates 405'
Seven Rivers 670
Queens 1075'

[OVER]

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

CASING RECORD

IMPORTANT WATER SANDS

OIL OR GAS SANDS OR ZONES

DATES

TOOLS USED

SHOOTING RECORD

CASING AND CEMENTING RECORD

MUDDING AND CEMENTING RECORD

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DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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