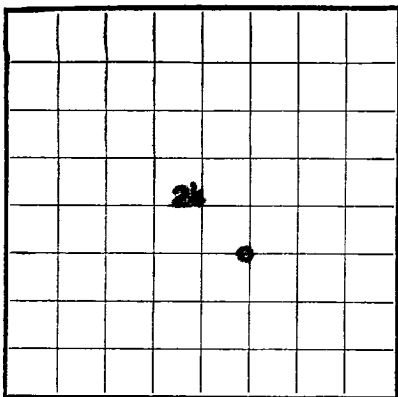


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

Ute Mountain Tribal
Contract No.
14-20-604-123



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

VED

JAN 20 1959

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address 1001 Bart Bldg., Dallas, Texas
Lessor or Tract Ute Indian Field Verde Gallup State New Mexico
Well No. 3-24 Sec. 24 T. 31N R. 15W Meridian N.M.P.M. County San Juan
Location 1980 ft. N. of 3 Line and 1980 ft. E. of E Line of Section 24 Elevation 5564'
(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. J. Wiedersheim

Date January 19, 1959 Title Mgr., Exploration Dept.

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

Commenced drilling 10-31-, 1958 Finished drilling 1-5-, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2958 to 3094 (10) 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 _____ 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—	
13-3/8	48.8	8RD	H-40	79'					Surface Production
5-1/2	31.36	8RD	J-55	3146'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	69' KB	65	Halliburton		
5-1/2	3136' KB	135	Halliburton		
2"	3092'				

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.	2958-3094	- fraced with 925 lbs. oil, 30,000 sand, dropped 495 rubber balls, in 43.3 RPM.				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3136 feet, and from _____ feet to _____ feet

DATES

1-15-, 1959 Put to producing _____, 19____

The production for the first 24 hours was 80 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. 36" 12 RPM, 144 11" Gravity, Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Hanson-Martin-Greer Drig. Corp. Driller E. H. Washburn, Driller
Bill Wells, Driller Rufus Dunlap, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	Sand Rock
10	50	40	Shale
50	72	22	Sand
72	95	23	Shale
95	135	40	Sand
135	150	15	Shale
150	175	25	Sandy shale
175	205	30	Shale
205	250	45	Sandy shale
250	280	30	Shale
280	300	20	Sandy shale
300	320	20	Sand
320	370	50	Shale
370	395	25	Sandy shale
395	405	10	Shale
405	455	50	Sand
455	470	15	Shale
470	490	20	Sandy shale
490	1100	610	Sand
1100	1160	60	Shale
1160	1180	20	Sand

TOPS: Point Lookout 1273
Hanson 1640
Gallup 2965

