

U. S. LAND OFFICE **Ute-Indian**
Tribal Contract
 SERIAL NUMBER **14-20-604-82**
 LEASE OR PERMIT TO PROSPECT **(5)**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1001 Burt Building, Dallas, Texas
 Lessor or Tract Ute Indian Field Verde Gallup State New Mexico
 Well No. 5-20 Sec 20 T 31N R. 14W Meridian N.M.P.M. County San Juan
 Location 2080 ft. DN of N Line and 330 ft. E of W Line of Section 20 Elevation 5619'
 (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.

Date September 28, 1959 Signed Paul J. Clote
Paul J. Clote, Manager
Title Drilling and Production

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

Commenced drilling 7-23, 1959 Finished drilling 9-14, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2927 to 306 (0) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	67 GL	70	Halliburton		
5-1/2	2927.46 KB	105	Halliburton		
2" Reg. 2963'					

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
	100					

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

~~September 19, 1959~~, 19----- Put to producing -----, 19-----

The production for the first 24 hours ~~was~~ 115 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. 2" x 1 1/4" x 10' Density, 36 Stroke 16 RPM

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Benson-Martin-Creech Delg.	Driller	C. A. Johnson	Driller
E. H. Washburn	Driller	Wayne Reynolds	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
10	15	15	Sand and gravel
15	165	150	Shale
165	175	10	Shale and shells
175	185	10	Shale
185	205	20	Sand
205	290	85	Shale
290	305	15	Sand
305	315	10	Shale
315	330	15	Sand
330	335	5	Shale
335	338	3	Sand
338	339	1	Shale
339	341	2	Sand
341	345	4	Shale
345	350	5	Sand
350	355	5	Shale
355	360	5	Sand
360	365	5	Shale
365	375	10	Sand - white
375	378	3	Sand - water
378	379	1	Shale
379	385	6	Sand
385	388	3	Shale
388	390	2	Sand
390	395	5	Shale
395	405	10	Sand
405	408	3	Shale
408	410	2	Sand
410	415	5	Shale
415	420	5	Sand
420	425	5	Shale
425	430	5	Sand
430	435	5	Shale
435	440	5	Sand
440	445	5	Shale
445	450	5	Sand
450	455	5	Shale
455	460	5	Sand
460	465	5	Shale
465	470	5	Sand
470	475	5	Shale
475	480	5	Sand
480	485	5	Shale
485	490	5	Sand
490	495	5	Shale
495	500	5	Sand
500	505	5	Shale
505	510	5	Sand
510	515	5	Shale
515	520	5	Sand
520	525	5	Shale
525	530	5	Sand
530	535	5	Shale
535	540	5	Sand
540	545	5	Shale
545	550	5	Sand
550	555	5	Shale
555	560	5	Sand
560	565	5	Shale
565	570	5	Sand
570	575	5	Shale
575	580	5	Sand
580	585	5	Shale
585	590	5	Sand
590	595	5	Shale
595	600	5	Sand
600	605	5	Shale
605	610	5	Sand
610	615	5	Shale
615	620	5	Sand
620	625	5	Shale
625	630	5	Sand
630	635	5	Shale
635	640	5	Sand
640	645	5	Shale
645	650	5	Sand
650	655	5	Shale
655	660	5	Sand
660	665	5	Shale
665	670	5	Sand
670	675	5	Shale
675	680	5	Sand
680	685	5	Shale
685	690	5	Sand
690	695	5	Shale
695	700	5	Sand
700	705	5	Shale
705	710	5	Sand
710	715	5	Shale
715	720	5	Sand
720	725	5	Shale
725	730	5	Sand
730	735	5	Shale
735	740	5	Sand
740	745	5	Shale
745	750	5	Sand
750	755	5	Shale
755	760	5	Sand
760	765	5	Shale
765	770	5	Sand
770	775	5	Shale
775	780	5	Sand
780	785	5	Shale
785	790	5	Sand
790	795	5	Shale
795	800	5	Sand
800	805	5	Shale
805	810	5	Sand
810	815	5	Shale
815	820	5	Sand
820	825	5	Shale
825	830	5	Sand
830	835	5	Shale
835	840	5	Sand
840	845	5	Shale
845	850	5	Sand
850	855	5	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Geological Survey
Washington, D. C.



HISTORY OF OIL OR GAS WELL

Company Name
Location
Date
Description of well
Depth
Production
Remarks

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
1100	1100	60	Shale
1100	1105	5	Shale
1105	1110	5	Shale and shells
1110	1120	10	Shale
1120	1130	10	Shale
1130	1140	10	Shale and shells
1140	1150	10	Shale
1150	1160	10	Shale
1160	1170	10	Shale
1170	1180	10	Shale
1180	1190	10	Shale
1190	1200	10	Shale
1200	1210	10	Shale
1210	1220	10	Shale
1220	1230	10	Shale
1230	1240	10	Shale
1240	1250	10	Shale
1250	1260	10	Shale
1260	1270	10	Shale
1270	1280	10	Shale
1280	1290	10	Shale
1290	1300	10	Shale
1300	1310	10	Shale
1310	1320	10	Shale
1320	1330	10	Shale
1330	1340	10	Shale
1340	1350	10	Shale
1350	1360	10	Shale
1360	1370	10	Shale
1370	1380	10	Shale
1380	1390	10	Shale
1390	1400	10	Shale
1400	1410	10	Shale
1410	1420	10	Shale
1420	1430	10	Shale
1430	1440	10	Shale
1440	1450	10	Shale
1450	1460	10	Shale
1460	1470	10	Shale
1470	1480	10	Shale
1480	1490	10	Shale
1490	1500	10	Shale
1500	1510	10	Shale
1510	1520	10	Shale
1520	1530	10	Shale
1530	1540	10	Shale
1540	1550	10	Shale
1550	1560	10	Shale
1560	1570	10	Shale
1570	1580	10	Shale
1580	1590	10	Shale
1590	1600	10	Shale
1600	1610	10	Shale
1610	1620	10	Shale
1620	1630	10	Shale
1630	1640	10	Shale
1640	1650	10	Shale
1650	1660	10	Shale
1660	1670	10	Shale
1670	1680	10	Shale
1680	1690	10	Shale
1690	1700	10	Shale
1700	1710	10	Shale
1710	1720	10	Shale
1720	1730	10	Shale
1730	1740	10	Shale
1740	1750	10	Shale
1750	1760	10	Shale
1760	1770	10	Shale
1770	1780	10	Shale
1780	1790	10	Shale
1790	1800	10	Shale
1800	1810	10	Shale
1810	1820	10	Shale
1820	1830	10	Shale
1830	1840	10	Shale
1840	1850	10	Shale
1850	1860	10	Shale
1860	1870	10	Shale
1870	1880	10	Shale
1880	1890	10	Shale
1890	1900	10	Shale
1900	1910	10	Shale
1910	1920	10	Shale
1920	1930	10	Shale
1930	1940	10	Shale
1940	1950	10	Shale
1950	1960	10	Shale
1960	1970	10	Shale
1970	1980	10	Shale
1980	1990	10	Shale
1990	2000	10	Shale