



U. S. LAND OFFICE Hearilla
SERIAL NUMBER Tribal Contract
LEASE OR PERMIT TO PROSPECT #100

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Room 1434

Company Southern Union Gas Company Address Fidelity Union Tower Building

Lessor or Tract Alvarilla Field Tapacito P. C. State New Mexico

Well No. 7-D Sec. 31 T. 26N R. 3W Meridian N.M.P.M. County Rio Arriba

Location 840 ft. N. of S Line and 945 ft. W. of E Line of Section 31 Elevation 7300 G.L.

(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. Original Signed By _____

Date September 1, 1960 Signed L. S. MUEBENIK
L. S. Muebenik Title Exploration Engineer

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

Commenced drilling 7-20-60, 1960 Finished drilling 7-25-60, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3896 to 3928 (a) 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. 2, from _____ to _____

No. 3, 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—	
2-5/8	32.30	8.00	1-40	1.00	1-40	1-40	1-40	1-40	1-40
4-1/2	2.50	8.00	1-40	1.00	1-40	1-40	1-40	1-40	1-40
1-1/2	2.50	8.00	1-40	1.00	1-40	1-40	1-40	1-40	1-40
HISTORIA OF THE OF THE METE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	172	200	Halliburton		
4-1/2	3974	200	Halliburton		

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. 3096-3328'		Frased w/85,000#	sand, 1410 lbs.		water, dropped 80 rubber balls.	
						IR-54.3 BPM

TOOLS USED

Rotary tools were used from 0 feet to 3975 feet, and from _____ feet to _____ feet

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

DATES

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 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1000

EMPLOYEES

Fleeger Drilling Co	Driller	S. S. Reames Well Servicing	Driller
P. F. Ruffro	Driller	C. A. Veach	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	3400	3400	Sand and shale
3400	3618	218	Sand
3618	3975	357	Sand and shale
3975			
			TOPS: Pictured Cliffs 3886'
FROM—	TO—	TOTAL FEET	FORMATION

FROM—	TO—	TOTAL FEET	FORMATION
340	360	20	and sand shale
360	375	15	and sand shale
375	380	5	and sand shale
380	385	5	and sand shale
385	390	5	and sand shale
390	395	5	and sand shale
395	400	5	and sand shale
400	405	5	and sand shale
405	410	5	and sand shale
410	415	5	and sand shale
415	420	5	and sand shale
420	425	5	and sand shale
425	430	5	and sand shale
430	435	5	and sand shale
435	440	5	and sand shale
440	445	5	and sand shale
445	450	5	and sand shale
450	455	5	and sand shale
455	460	5	and sand shale
460	465	5	and sand shale
465	470	5	and sand shale
470	475	5	and sand shale
475	480	5	and sand shale
480	485	5	and sand shale
485	490	5	and sand shale
490	495	5	and sand shale
495	500	5	and sand shale
500	505	5	and sand shale
505	510	5	and sand shale
510	515	5	and sand shale
515	520	5	and sand shale
520	525	5	and sand shale
525	530	5	and sand shale
530	535	5	and sand shale
535	540	5	and sand shale
540	545	5	and sand shale
545	550	5	and sand shale
550	555	5	and sand shale
555	560	5	and sand shale
560	565	5	and sand shale
565	570	5	and sand shale
570	575	5	and sand shale
575	580	5	and sand shale
580	585	5	and sand shale
585	590	5	and sand shale
590	595	5	and sand shale
595	600	5	and sand shale
600	605	5	and sand shale
605	610	5	and sand shale
610	615	5	and sand shale
615	620	5	and sand shale
620	625	5	and sand shale
625	630	5	and sand shale
630	635	5	and sand shale
635	640	5	and sand shale
640	645	5	and sand shale
645	650	5	and sand shale
650	655	5	and sand shale
655	660	5	and sand shale
660	665	5	and sand shale
665	670	5	and sand shale
670	675	5	and sand shale
675	680	5	and sand shale
680	685	5	and sand shale
685	690	5	and sand shale
690	695	5	and sand shale
695	700	5	and sand shale
700	705	5	and sand shale
705	710	5	and sand shale
710	715	5	and sand shale
715	720	5	and sand shale
720	725	5	and sand shale
725	730	5	and sand shale
730	735	5	and sand shale
735	740	5	and sand shale
740	745	5	and sand shale
745	750	5	and sand shale
750	755	5	and sand shale
755	760	5	and sand shale
760	765	5	and sand shale
765	770	5	and sand shale
770	775	5	and sand shale
775	780	5	and sand shale
780	785	5	and sand shale
785	790	5	and sand shale
790	795	5	and sand shale
795	800	5	and sand shale
800	805	5	and sand shale
805	810	5	and sand shale
810	815	5	and sand shale
815	820	5	and sand shale
820	825	5	and sand shale
825	830	5	and sand shale
830	835	5	and sand shale
835	840	5	and sand shale
840	845	5	and sand shale
845	850	5	and sand shale
850	855	5	and sand shale
855	860	5	and sand shale
860	865	5	and sand shale
865	870	5	and sand shale
870	875	5	and sand shale
875	880	5	and sand shale
880	885	5	and sand shale
885	890	5	and sand shale
890	895	5	and sand shale
895	900	5	and sand shale
900	905	5	and sand shale
905	910	5	and sand shale
910	915	5	and sand shale
915	920	5	and sand shale
920	925	5	and sand shale
925	930	5	and sand shale
930	935	5	and sand shale
935	940	5	and sand shale
940	945	5	and sand shale
945	950	5	and sand shale
950	955	5	and sand shale
955	960	5	and sand shale
960	965	5	and sand shale
965	970	5	and sand shale
970	975	5	and sand shale
975	980	5	and sand shale
980	985	5	and sand shale
985	990	5	and sand shale
990	995	5	and sand shale
995	1000	5	and sand shale

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL
This 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 off" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If pumps or bridges were put in test for water, state kind of material used, position, and results of pumping or bailing.

CASING RECORD
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

IMPORTANT WATER SANDS
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

OIL OR GAS SANDS OR ZONES
(Describe each zone)
No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CONCLUDED DRILLING _____
The summary on this page is for the condition of the well at above date.
Signed _____
Title _____

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Signed _____
Title _____

LOG OF OIL OR GAS WELL
Company _____
Location _____
Well No. _____
Date of completion _____
Depth of well _____
Elevation _____
The information given herewith is a complete and correct record of the well and all work done thereon.
Signed _____
Title _____

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