U. S. LAND OFFICE U3502

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

14-02-001-1051

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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		ation given h					ct re c	ord of the w	ell and	all work	lone thereon	
so far s	as can be	determined f	rom all av			s. d		LA		Ken		
Date	0e	tober 24,	L95 0					Title F	etrol	eur ngi	neer	
	The summary on this page is for the condition of the well at above date.											
Commenced drilling 9-12-5-, 19 Finished drilling 9-23-5-, 19												
Commi	checa ar					SANDS (
NT. 1	£	2049	- to			te gas by G		n 5051		. 521	5 (G)	
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			i			•	1 .		-	Marabal Co.		
Size casing	Weight per foot	Threads per inch	Make	Amount	t K	ind of shoe	Cut	and pulled from	From-	- То-	Purpose	
0 3/4	" 32. 75	P.B.	S.W.	163	<u> </u>	Hoveo		·			Surface	
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casing	Where s		er sacks of ce	-		ethod used		Mud gravity	-	Amount of n		
		-21										
7-5, 3 5-1, 4	54					Single Stage						
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		Material										
Adapte	ers—Mat	e rial	·			NG REC						
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						Сипоня	gaso	nue per 1,00	o cu. I	v. or gas		
K	ock press	ure, lbs. per s	q. m			LOYEES						
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FR	O M -	то-	Tre	OTAL FEE	Ŧ			FOR	MATION			
	Ü			2095		l	_	• •			w/gry sh.	
	195 154	: 1		159 384		Ojo Alamo ss. White cr-gru s. Kirtland form. Gry sh interbedded wytight						
						gry fine-gm ss.						
25	36 2649			211		Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.						
2 8	49 2919			70		Pictured Cliffs form. Gry, fine-grm, tight,						
				1593		varicolored soft ss. Lewis formation. Gry to white dense sh						
27	4512					w/silty to shaly as breaks.						
	12 44)			133 406		Cliff House as. Gry, fine-grn, dense sil sa.						
	45 5051 51 5215			405 164		Menefes form. Gry, fine-grn s, carb sh & c Point Lookout form. Gry, very fine sil ss						
						w/frequent on breaks.						
5215 5278 63 Mancos formation. Gry carb sh.												
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HISTORY OF OIL OR GAS WELL

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

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.

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Ist stage: C.O.P.D. 5230*. Ferr. w/4 jet/ft. Int. 5051-51, 5110-5120, 5145-5155 Water fractured Foint Lookout with 48,000 gal. water & 50,000% sand. Flush with 7920 gallers water. Injection rate 43.6 BPM. BDF none, Treting assure 2000%, maximum pressure 25005.

2nd stage: B.P. 3 4390'. Perforated v/4 jet/ft. Int. Lower Chirt Muse 450-94, 4600-4610, 4610-4626, 4632-4642. Water fragtured with 50,000 gallos water 50,000 gallos water. I.R. 45.3 Max BDR 18001. Treating pressure 1800; M.ximin pressure 1900.

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