U. S. LAND OFFICE LAS Cruces SERIAL NUMBER 063591 LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Lesso		H. Black			Addi	ess Bo	x_174,	Midland	, Texa	&
	or or Trac	t Federal	"E"(Ame	cRepub	lics Compl	- Wild	cat	Sta	te _New	Mexico
well .	No1_	Sec. 29	T.19S	R. 33E	Meridian N	MPM	Co	ounty	Le	B
Locat	10n 980 .	ft. S. of -N	L. Line an	ld 1980 ft.	$\left(\begin{array}{c} X \\ W \end{array} \right)$ of \underline{E}	Line of _	Sectio	n_29	Eleva	tion 361
so far	ne miorn as can be	nation given e determined	from all a	is a compl vailable r	lete and corre	ect resore	of the v	vell and	all work	done there
					Sign	d	1	12	بر	-
		uary 11, 1				\ 	Txtle	Ager	t	
					tion of the we					
Comm	ienceu ur				19. 53 Finis			1-6		, 195
					AS SANDS (Denote gas by 6		IES			
		30551			-	4, from			to	
		32281				5, from			to	
No. 3,	from								to	
No. 1,	from	5801			ANT WATER				i	
				2 10 Table 18						
	• .				SING RECO				Ю	
Size easing	Weight per foot	Threads per inch	Make	Amount		Ī	nilled from	Perfe	rated	
3 3/8				· · · · · · · · · · · · · · · · · · ·		 	¥ 10	From-	То-	Purpose
0 3/4	48 32.75	8rd 8rd		1031						Conduct
8 5/8	-24	8rd		12061	7.P.	_			1	Conduct Conduct
							5			
			MIIDE	DINC AND	D CEMENT	·				
Size casing	Where se	t Numb	er sacks of co	:	Method used			T		
3-5/8	1206						gravity	i	nount of m	
)/6					~~~~				- Aquag	el
				· 						
				PLUGS	AND ADAP	TERS				
Heavin	g plug—N	Material			Length		I	epth set		
aapte	rs—Mate	rial			Size					
Size	She	ell used	Explosive us		TING RECO		Dord*			
							Depth shot		Depth clear	ned out
Rotary	tools wer	e used from			OOLS USED	foot and	from		£ and the	-
Jable to	ools were	used from		feet to	33391	feet and	from		feet to _	feet
					DATES	, wild			UU _	1ee1
			•		Put to	$\operatorname{producin}$	g			, 19
		10 m F - 11 C	rst 24 hou	rs was	barrel					
$\operatorname{Th}_{\epsilon}$	e producti	ion for the fi	4// ~-	euiment,						
The	e producti n; %	water; and			C ii	* •				
The mulsion	e producti n; % gas well, c	water; and u. ft. per 24	hours		Gallons g	gasoline p	oer 1,000	cu. ft. of	gas	
The mulsion If g Roc	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 lere, lbs. per sq	hours	EN	Gallons g APLOYEES	gasoline p	er 1,000	cu. ft. of	gas	
The mulsion If g Roc	e producti n; % gas well, c ck pressur	water; and u. ft. per 24	hours	EN	MPLOYEES					
The mulsion If g Roc	e producti n; % cas well, c ck pressur	water; and u. ft. per 24 lere, lbs. per sq	hours	EN Driller Driller	APLOYEES			·		, Driller
The mulsion If g Roc	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq	hours	EN Driller Driller FORMA	APLOYEES			·		, Driller
The mulsion If g Roc	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq	hours	EN Driller Driller	APLOYEES					, Driller
The mulsion If g Roc	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq	hours	EN Driller Driller FORMA	APLOYEES					, Driller
The mulsion If g Roce	e productin; % gas well, cek pressur	water; and u. ft. per 24 l re, lbs. per sq	hours	ENDriller Driller FORMA TAL FEET 10 10	APLOYEES ATION RECO Caliche Gravel)RD				, Driller
The emulsion If g Roce FROM	e producti n; % cas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq	hours, in,	ENDriller Driller FORMA FALFEET 10 10 275	Caliche Gravel)RD				, Driller
The mulsion If g Roce FROM 0 10 20 295 360	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq 10 20 295 360 400	hours	ENDriller Driller FORMA TAL FEET 10 10 10 75 65 40	Caliche Gravel. Brown Sha	ORD ale	FORMA			, Driller
The mulsion If g Room 10 20 295 360 400	e producti n; % gas well, c ck pressur	water; and u. ft. per 24 l re, lbs. per sq re, lbs. per sq 10 20 295 360 400 545	hours	ENDriller Driller FORMA TAL FEET 10' 10' 275' 65' 40'	Caliche Gravel Brown Sha Red Beds Red Bed &	ORD	FORMA			, Driller
The emulsion If g Rocci FROM 10 20 295 360 400 545 575	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35	Caliche Gravel Brown Sha Red Beds Red Bed & REd Rock W. Sand	ORD	FORMA			, Driller
The mulsion If g Roco 20 295 360 400 545 575 610	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655	ton	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35	Caliche Gravel Brown Sha Red Beds REd Rock We Sand Red Bed	ORD Ale Shell Shell	FORMA			, Driller
The mulsion If g Rocal R	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35	Caliche Gravel Brown Sha Red Beds Brok We Sand Red Bed Sandy Red	ORD Ale Shell Shell	FORMA			, Driller
The mulsion If g Rocal R	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35 45	Caliche Gravel Brown Sha Red Beds Brown Sha Red Bed & REd Rock W. Sand Red Bed Sandy Red Sandy Red Sandy Red Sandy Red	DRD ale Shell Shell Shale	FORMA			, Driller
The mulsion If g Rocal R	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950	ton 2 2 2	ENDriller Driller FORMA TAL FEET 10* 10* 275* 65* 40* 45 30 35 45 20 75	Caliche Gravel Brown Sha Red Beds Brown Sha Red Bed & REd Rock W. Sand Red Bed Sandy Red Red Beds Sandy Red Red Beds	DRD ale Shell Shale Shale	FORMA			, Driller
The emulsion If g Rocci	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950 955	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35 45	Caliche Gravel Brown Sha Red Beds Brown Sha Red Beds Red Beds Red Beds Sandy Red Red Beds Sandy Red Red Beds Anhydrite	DRD ale & Shell & Shell Shale	FORMA B LS			, Driller
The mulsion If g Room 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35 45 20 75 55 15	Caliche Gravel Brown Sha Red Beds Brown Sha Red Bed & Red Bed Sandy Red Red Beds Sandy Red Red Beds Anhydrite Red Rock Blue Shal	DRD Ale Shell Shale Shale	FORMA B LS			, Driller
The emulsion If g Rocal	e producti n; % gas well, c ck pressur	10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35 45 20 75 55 15	Caliche Gravel. Brown Sha Red Beds Brown Sha Red Bed & REd Rock W. Sand Red Bed Sandy Red Red Beds Sandy Red Red Beds Anhydrite Red Rock Rive-Shal Anhydrite	DRD Ale Shell Shale Ankyo	FORMA B is			, Driller
The mulsion If g Room 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275 1320 1380	ton	ENDriller Driller FORMA ALFEET 10* 10* 275* 65* 40* 45 30 35 45 20 75 55 15 25	Caliche Gravel Brown Sha Red Beds Brown Sha Red Bed & REd Bock W. Sand Red Beds Sandy Red Red Beds Anhydrite Red Rock Blue Shal Anhydrite Salt	ORD Ale Shell Shale Shale	FORMA B is			, Driller
The mulsion If g Rock 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275 1380 1390	e producti n; % gas well, c ck pressur	10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275	ton	ENDriller Driller FORMA ALFEET 10' 10' 275' 65' 40' 45 30 35 45 20 75 55 15	Caliche Gravel. Brown Sha Red Beds Brown Sha Red Bed & REd Rock W. Sand Red Bed Sandy Red Red Beds Sandy Red Red Beds Anhydrite Red Rock Rive-Shal Anhydrite	ORD Ale Shell Shale Ankyd	FORMA B is			, Driller
The mulsion If g Rocal R	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275 1320 1390 1395 1430	hours	Driller Driller FORMA 10' 10' 10' 45' 40' 45 30 35 45 20 75 55 15 25 45 60 10 5	Caliche Gravel Brown Sha Red Beds Brown Sha Red Bed & Red Bed Sandy Red Red Beds Sandy Red Red Beds Anhydrite Red Rock Blue Shal Anhydrite Red Shale Anhydrite	ORD Ale Shell Shale Shale	FORMA B is			, Driller
The mulsion If g Rock 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275 1380 1390	e producti n; % gas well, c ck pressur	TO- 10 20 295 360 400 545 575 610 655 675 950 955 1210 1225 1250 1275 1320 1390 1395	hours	ENDriller Driller FORMA ALFEET 10' 10' 275' 45' 45' 30 35' 45' 25' 25' 25' 25' 25' 25' 25' 25' 25' 2	Caliche Gravel Brown Sha Red Beds Brown Sha Red Beds Red Beds Sandy Red Red Beds Anhydrite Red Rock Blue Shal Anhydrite Salt Anhydrite Red Shale	ORD Ale Shell Shale Ankyde	FORMA S is			, Driller

From—		TOTAL FEET	FORMATION					
1510	1560	50	Sait, shale & potash					
1560	1855	295	Salt saliydrite & potash					
1855	1955	100						
1955	2020	65	Salt anhydrite Salt & Anhydrite Salt & Anhydrite Salt & Anhydrite Salt & Anhydrite Anhydrite Red Rock					
2020	2060	40 405						
2060 2465	2465 2540	405 75						
2540	2785	245						
2785	2840	55 10						
2840 2850	2850 3055	205	Anhydrite					
3055	3064	9	Oil sand					
3064	3090	26	Sand Anhydrite					
3090 3094	3094 3123	.4 29	Brown lime					
3123	3131	,8	Anhyberite					
3131	3267	136	Lime Sandy lime, sumphur water					
3267 3293	3293 3307	26 14	Line					
3307	3314	7	Sand					
3314	3339	25	Line T.D.					
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Market Control								
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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 easing 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 briling.

42 85 72 33 43 45 5 5 5 7 7 7

and the state of the

Well was plugged and abandoned on January 7, 1954 as follows:

- 15 sks. cement @ 3330*
- 15 sks. cement @ 2785*
- 15 sks. cement @ 1300 .
- 25 sks. cement @ 90° and to surface

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Mudded between plugs.

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CONTRACTOR SERVE