U. S. LAND OFFICE Santa Fe SERIAL NUMBER 079391 LEASE OR PERMIT TO PROSPECT

UNITED STATES

3 DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

or or Tract No. 76 ation 1190 The informar as can be	Sec. 7	7-5 C27N R Line a erewith is	s a comp	ft. ${f KX \over W}$	Field N.M.	Bo.B. P.M. Line	Cou	State nty Ric	New Arri	Mexico ba ation 6629 floor relative to see level)
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per foot	inch		_					From-		T di posc
<u>" 24</u>	8 rd	J-55	122	77	BONCO.		·		ł	Surface
7 6.4	8 rd	J-55	3525							
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		MUDI	DING A	ND CE	EMENT	ING	RECORD			
e Where s	et Numb	er sacks of c	ement	Method used Mud gravity Amount of mud used					nud used	
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" 3535		180			single					
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ving plug—	Material		-	Leng	th		I	epth set		
ptersMate	erial		-	Size						
			SHC	OTIN	G REC	ORD				
Size Si	ell used	Explosive 1	used	Quan	tity	Date	Depth shot		Depth clea	ned out
3449-55;3	428-34 (2 S	PF);	Prac w/	31,00	0 8011	00.8	rater, 30,	000# ##	ndF	lush_v/924
	Man - Market Art - Land				•		}			
arv tools we	re used from .	O					and from		feet to	feet
				DA	TES					
0-25		, 19- -6	2 -		Put to	prod	lucing			, 19
The produc	tion for the f	irst 24 h	ours was		bar	rels o	f fluid of whi	ch	% was	oil;%
							• .			
If gas well,	cu. ft. per 24	hours 2	,169, 00	10	Gallon	s gaso	line per 1,00	0 cu. ft.	of gas -	**
	ıre, lbs. per s									
				EMPL	OYEES	}		•		TD 122
					•					, Driller
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			FOR	MATI	ON REC	URI	<u> </u>			
				1						
	то-		TOTAL FEI	et			FOR	MATION		
·		-	total fee 2740				cr-grn ss	interb		w/gry sh.
FROM O P4O	2740 2910	•	2740 170		Ojo Al	SINO.	cr-grn ss	interb er-grn	s.	•
FROM	то— 2740		2740		Ojo Al	amo nd f	cr-grn ss ss. White orm. Gry s	interb er-grn	s.	w/gry sh.
FROM O P4O	2740 2910		2740 170		Ojo Al Kirtla fine- Fruitl	amo nd f grn and	cr-grn ss ss. White orm. Gry s	interb cr-grn h inter	s. bedded , scat	w/tight gr
	3, from 1, from 2, from 2, from Weight per foot 4	3, from 1, from 2, from 2, from 3 Weight Threads per inch 2 8 rd 4 6 4 8 rd 1 32 2 3535 Ving plug—Material peters—Material 2 Shell used 3449-55; 3428-34 (2.5) drop of 12 balls. 2 ary tools were used from le tools were used from 1 15 gas well, cu. ft. per 24	3, from to	IMPORT	IMPORTANT 1, from to 2, from to CASING CASING CASING CASING CASING CASING CASING Mudding Amount King and J-55 122 Mudding And Cing and Amount Methods and Cing a	IMPORTANT WATER 1, from to No. 3 2, from to No. 4 CASING RECO I Weight per foot Inch Make Amount Kind of shoe Inch MUDDING AND CEMENT MUDDING AND CEMENT MUDDING AND CEMENT Munder set Number sacks of cement Method used Inch Munder set Number sacks of cement Method used Inch Munder set Number sacks of cement Method used Inch Munder set Number sacks of cement Method used Inch Mudding And Inc	IMPORTANT WATER SAI 1, from to No. 3, from CASING RECORD 1 Weight Threads per Make Amount Kind of shoe Cut at the per foot Inch Per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Amount Kind of shoe Cut at the per foot Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per Make Number sacks of cement Method used Circulated Threads per foot Met	IMPORTANT WATER SANDS 1, from to No. 3, from No. 4, from CASING RECORD Weight Threads per Make Amount Kind of shoe Cut and pulled from Record Where set Number sacks of cement Method used Mud gravity 132 120 circulated PLUGS AND ADAPTERS Ving plug—Material Length Size SHOOTING RECORD Size Should used Explosive used Quantity Date Depth shot Salay 55; 34:28-34 (2 SPF); Prac. w/31,000 gallons water, 30, no water, EDP 2000, Max pr 3100, tr pr 3100, T.R. 19 B drop of 12 balls TOOLS USED Tools were used from feet to feet, and from Le tools were used from feet to feet, and from DATES The production for the first 24 hours was barrels of fluid of whilsion; % water; and % sediment. Gravity, °B. If gas well, cu. ft. per 24 hours 2,169,000 Gallons gasoline per 1,000 Gallons gasoline per 1,000 III gas well, cu. ft. per 24 hours 2,169,000 Gallons gasoline per 1,000 Gallons g	IMPORTANT WATER SANDS 1, from to No. 3, from to 2, from to No. 4, from to CASING RECORD Threads per tuch per foot Threads per tuch B rd J-55 122 MUDDING AND CEMENTING RECORD MUDDING AND CEMENTING RECORD MUDDING AND CEMENTING RECORD MUDDING AND CEMENTING RECORD Mud gravity Are 132 120 circulated PLUGS AND ADAPTERS Ving plug—Material Length Depth set pers—Material Size SHOOTING RECORD Size SHOOTING RECORD Material Depth shot Ship 55; 34:28-34 (2 SFF); Frac v/31,000 gallons vater, 30,000 f sa Material Size TOOLS USED Ary tools were used from feet to feet, and from feet to feet, and from DATES D-25	IMPORTANT WATER SANDS 1, from to No. 3, from to No. 4, from to No. 4, from to CASING RECORD Weight Threads per Make Amount Kind of shoe Cut and pulled from Perforated From To Qu 8 rd J-55 122 13000 Where set Number sacks of cement Method used Mud gravity Amount of note 132 120 circulated 3535 180 single PLUGS AND ADAPTERS Length Depth set Depth set Depth set Size SHOOTING RECORD Size SHOOTING

FORMATION RECORD									
FROM	то-	TOTAL FEET	FORMATION						
0	2740	2740	Tan to gry cr-grn ss interbedded w/gry sh.						
2740	2910	170	Ojo Alamo ss. White cr-grn s.						
2910	3155	245	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.						
3155	3420	265	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.						
3420	3475	55	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.						
3475	3535	60	Lewis form. Gry, fine-grn, dense sil ss.						