U. S. LAND OFFICE Jicarilla

SERIAL NUMBER Apache

LEASE OF PERMIT TO PROSPECT 152

CON. COM. UNITED STATES
DIST. 3 DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

	LOCATE WELL CORRECTLY															
	Сотря	n <b>v</b>	Consolida	ted Oi	1 &	Gas, I	nc.	. Addres	s	4150 E.	М	exico A	Ave., D	enver 22	, Colo.	
	Lessor or Tract Jicarilla Field Blanco MY State New Mexico															
			Sec. 8													
	Locatio	on 1550	ft. $\left\{ egin{smallmatrix} ar{\mathbf{N}} \cdot \ \mathbf{S} \cdot \end{bmatrix}$ of .	N. Li	ne an	d 890 f	$\mathbf{t}. egin{matrix} \mathbf{E}. \\ \mathbf{w} \end{bmatrix}$	of W	Lin	e of <u>Sec</u>	. 8		Eleva	tion 6970	KB	
	Tł	ne inform	nation given	herewi	th is	a compl	ete a	nd correc								
	so far a	as can be	determined	from a	ıll ava			s. d		vAlil.	W	مسم				
	Data	No	vember 3	. 1963	3		\1 <b>9</b> 11 0			Title	CI	hief Er	ngineer	•	•	
			ary on this				ion o	of the well	at							
			illingM									uly 13		, 1963		
	COLLEGE	onoou un	B					SANDS C								
		:		•		(	Denot	te gas by G)								
G			3530													
G	-							No. 5, from								
	No. 3,	from		to _					No. 6, from to							
	IMPORTANT WATER SANDS           No. 1, from to to to to															
	10. 2,	Irom		W -				G RECOI								
Perforated												Purpose				
	casing	per foot	Inch			Amount	_		ļ <u></u> -		-	From-	To-			
9-!	5/8''	36 <sup>(3</sup>	8	CI	₹&I			Guide Float		्रु संस्थान् <mark>ति है</mark> जिल्हा <del>किंद्र के किंद्र के पूर्व के</del> राज्य के किंद्र के किंद्र		2016 152 - 2116 152		Surface Intermed		
4 -			8	. 15   [0 J#1	12.5			Float		រុំ៤១ភាពព្រះម រូប	႔ ပုံလုံ	भा स्वरू वृत्र	વેર હતું દેવનો દેવ	Producti	on	
												\000\r-3 (	S. GOVERNACA	NKW, MC OLVICE	• •	
												<u>:</u>				
				M	UDD	ING AN	ID C	EMENT	NG	RECORE						
Size Where set Number sacks of cement Method used Mud gra										Mud gravit	<b>y</b>	Aı	mount of m	ud used	•	
9-!	5/9"	293	- <del></del>	225			Pun	np & Pl	ug	8.51b./	gal	•				
왕'' 발4-	1/2"	372 <b>7</b> 3632-		16/4 30/			Pun Pur	np & Pl np & P	ug lug	8,51b,/ 8,51b,	ga. /ga	 L				
<u> </u>												<u> </u>		<u> </u>		
ם מ	PLUGS AND ADAPTERS  Loveth Depth set															
Ā	Heaving plug Material Length Depth set  Adapters—Material Size															
	Adapte	rs—ma	GLIGH					NG RECO								
	Size		heli used	Explo	sive us	ed	Qua	ntity I	ate	Depth a	hot		Depth clear	ned out	_	
Pictured Cliffs - Sand Water Frac with 79,600 gals. & 90,000 lbs.  Mesaverde - Sand Water Frac with 82 700 gals. and 100,000 lbs.														-		
Мe	saver	de - S	and Wate	r Fra	c wi	1			<u>nd</u>	100,000	Ib:	S .			•	
•						Т	'OOI	S USED		-						
	Rotary	tools we	ere used from	<b>n</b> 0	)	feet	to _6	127	feet	, and from	a		. feet to	fee	t	
	Cable t	ools were	e used from .			feet	to	feet, and from feet to feet							b	
		:		1				Put to producing August 2 , 1								
		-	ction for the													
	emulsie	on;º r <u>a</u>	% water; an te , cu. ft. per	id	% sec M	ilment. V: 461	MC	F								
	If	gas well	, cu. ft. per sure, lbs. per	24 hour	2.3.8°. O.G	: SITE	10	08: MV	gas ': S	ITP 129	3	J Cu. 10.	or gas		-	
	Re	ock press	sure, IDS. per	r sq. m.	=		EMP	LOYEES								
	Hur	on Dri	illing Con	npany	,	Driller		:						, Drille		
	, Driller, Driller													, Drille	•	
	FORMATION RECORD															
	FR	OM-	то-		T	OTAL FEET	r	FORMATION								
	=			- L - L	D 4 m	TO NTC		FORMATION TOPS (LOGS)								
P	CTU	RED C	LIFFS PI	SKFO	KAT	TONS	FORWINION 1015 (Bods)									
	353	0	3554	4				Pictured Cliffs 3522 (/3448)								
	3568 3600							Cliffhouse 5244 (/1726) Point Lookout 5752 (/1218)								
			. ~					Foint .	טט	Nout	,	(7	/			
M	ESAV	ERDE	PERFOR	OITA	NS											
-		5656 56														
	565 576	}	566 576													
	578	1	<b>57</b> 9													
	580		582	5824												
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FOR ADDITIONAL INFORMATION - SEE ATTACHED COMPLETION HISTORY

2027P 35.3