Budget Bureau No. 42–R355.4. Approval expires 12–31–60.

U. S. LAND OFFICE

Serial Number 079392 LEASE OR PERMIT TO PROSPECT

14-08-001-950

UNITED STATES DEPARTMENT OF THE INTERIOR JUN2 7 1958

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

	ATE WELL								
•	Company El Paso Natural Gas Company								
	Lessor or Tract San Juan 27-5 Unit Well No. 37(PM) Sec. 20 T. 278 R. 58 Meridian					Field Blanco Undesignatestate New Mexico			
							•		
Locatio	n 800	ft. $\left\{\begin{array}{l} \mathbf{XX} \\ \mathbf{S}. \end{array}\right\}$ of $-\mathbf{I}$	Line a	nd 840	ft. W. of E	Line of _Section	m 20 Elev	ration 6491	
						t record of the w	ell and all work	done thereon	
so far a	is can be o	determined f	from all av	vailable i	records. Signed C	riginal Signed	D. C. Johnstor	1	
Date		June 25,	1958		8-10-1		troleum Engi		
					ition of the well				
			-			ed drilling	3-8-	19 58	
				,	GAS SANDS O	C		, 20-22-22	
		_			(Denote gas by G)				
		3262			•	from 53 63	3 to 55	58 (G)	
No. 2, f	from	4910	to	5031	(G) No. 5,	from	to		
No. 3, f	from	5031	to	5363	(g) _ No. 6,	from	to		
			1	MPORT	TANT WATER	SANDS			
No. 1, f	from		to		No. 3,	from	to		
No. 2, f	from		to		No. 4,	from	to		
				CA	SING RECOR	D			
Size casing	Weight per foot	Threads per inch	Make	Amoun	t Kind of shoe	Cut and pulled from		Purpose	
0 3/4"	32.75	P.B.	s.w.	161 '	Howeo		From - To-	Surface	
7 5/8	26.40	8 RA.	J-55	3435	Baker				
5 1/2	15.50	8 Rd.	J-55	23.99				Prod. lin	
2"	4.7	8 Rd.	J-55	5509			1	Prod. tbg	
1 1/4"	2.4		Grade"A				i		
			MUDE	DING A	ND CEMENTI	NG RECORD			
Size casing	Where set	Numl	ber sacks of ce	ment	Method used	Mud gravity	Amount of mud used		
	173'	-7	150		circulated	-			
0 3/41	40		250		single stage				
0 3/4° 7 5/8°	3445		. Sin J . M						
0 3/4" 7 5/8" 5 1/2"			300		single stage				
7.5/8*	3445				single stage	!			
7 5/8* 5 1/2*	3445 3418-56	517'	300	PLUG	single stage	rers	Depth set		
7.5/8* 5.1/2* Heaving	3445 3418-5 6 g plug—N	517	300	PLUG	single stage S AND ADAP Length	rers	_		
7.5/8* 5.1/2* Heaving	3445 3418-5 6 g plug—N	517	300	PLUG	single stage S AND ADAP Length	rers Imr "EGJ" Pkr	_		
7.5/8* 5.1/2* Heaving	3418-56 3418-56 g plug—N	517	300	PLUG	single stage S AND ADAP Length Size Bake	rers I "EGJ" Pkr	_		

${ m Adapters}-$	-Material		Size	Beker "	BGJ' Pkr. @ 3	3450.
	V	SH	OOTING R	ECORD		
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See	Well Histo	ry		
			TOOLS US	SED	Ge	as Drilled 7feet to 5621 feet
						feet to feet
			DATES			
	3-15	, 19. 58 .	Pu	t to produ	icing	, 19
The p	oroduction for th	ne first 24 hours wa	as l	parrels of	fluid of which -	% was oil;%
emulsion;	% water; a	nd% sediment	· ·	(Gravity, °Bé	
If gas	well, cu. ft. per	24 hours P.C. 1 ,	286,000 _{Gall}	lons gasol	ine per 1,000 cu	. ft. of gas
Rock	pressure, lbs. pe	er sq. in110	9 A. EMPLOYE	0.FM	.C. 1297 .V. 4789 MCF	F/D
		, Drille	$\mathbf{e}\mathbf{r}$, Driller
		, Drille	\mathbf{r}			, Driller

		, Driller	, Driller		
FORMATION RECORD					
FROM-	то	TOTAL FEET	FORMATION		
0	2648	2648	Tan to gry cr-grn ss interbedded w/gry sh.		
2648	2756	108	Ojo Alamo ss. White cr-grn s.		
2756	3046	29 0	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.		
304 6	3262	21 6	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.		
3262	3355	93	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft as.		
3355	4910	1555	Lewis formation. Gry to white dense sh w/silty to shalp ss breaks.		
4910	5031	121	Cliff House ss. Gry, fine-grn, dense sil ss.		
5031	5363	332	Menefee form. Gry fine-grn s, carb sh & coal.		
5363	5558	195	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.		
5558	5621	63	Mancos formation. Gry carb sh.		

FORMATION RECORD—Continued

FROM—	то	TOTAL FEET	FORMATION
			i
		: !	:
			18.15
		!	
			·
		-	

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

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 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.

3-8-58 T.D. 5621:. COID 5569'. Fraced Point Lockout perf. int. 5436-5492 (1 SPF); 5512-5532 (2 SPF) w/51,305 gal. water and 30,000# sand. Flush 9000 gal. water. EDP 1250#, max. pr. 1300#, swg. tr. pr. 1250-1150-1200-1200#. Inj. 3 sets balls (15 balls/set). I.R. 74.3 BPM. Temp. bridge plug 6 5400'. Fraced Cliff House perf. int. 4914-4930; 4956-4970; 4996-5012; 5018-5030 w/58,700 gal. water and 50,030# sand. BDF 2000#, max. pr. 2000#, avg. tr. pr. 1400-1350-1400#. I.R. 72.7 BBM. Flush 8460 gal. water. Inj. 5 sets balls (17 balls/set). Temp. bridge plug 6 3900'. Fraced Pictured Cliffs perf. int. 3270-3278; 3300-3330 (2 SPF) w/33,500 gal. water and 30,000# sand. Flush 7000 gal. water. BDF 1850#, max. pr. 1850#, avg. tr. pr. 950-1050-1250#. I.R. 69.3 BPM. Inj. 2 sets balls (20 balls/set).

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