U. S. LAND OFFICE Santa Po, N.M. SERIAL NUMBER 321 036253 LEASE OR PERMIT TO PROSPECT

# UNITED STATES

DEPARTMENT OF THE INTERIOR JAKES 1958

GEOLOGICAL SURVEY

[ARMINGTON, NEW 32,000]

#### LOG OF OIL OR GAS WELL LOCATE WELL CORRECTLY

Compa	anys	hel	1-011-Co	mbanî			Addres	s 40	L-SBehre	nd, Par	<b>min</b> gto	Dy Naka
Lessor	or Trac	t _\$	ederal_=	Covit.			Field	Dis		State	New_	Maxico
Locati	on 2066	±O.ii.	[N.] of	I. ZOM. R S. Lina a	nd one	aeria: of+∫E	ian - Nyiew. E. Lof	Line		inty	n-Jusu Tlan	
												tion (431 ) floor relative to sea level) lone thereon
so far	as can b	e de	termined f	rom all av	vailable	recor	rds.					
Date .	Dece	mbe	r 18, 19	57		~-6						inger
$\mathbf{T}$	he summ	ary	on this pa	ge is for t	he cond	ition	of the well	lata			<b>t</b> <sub>4</sub> ;	
Comm	enced dr	illin	g _Octob	er 1	·,	19	57 Finish	ed d	rillingQct	ober 10	ì	, 1957.
				OI	L OR		SANDS Of ote gas by G)	R Z	ONES			
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,									1			
No. 3,	from						No. 6, <b>T WATER</b>		1	to		
No. 1,	from								1	to		
No. 2,	from		• 	- to					1		20.	
					C.	ASIN	G RECOR	RD				The Maria State of the Control of th
Size casing	Weight per foot	_ '	Phreads per inch	Make	Amou	nt :	Kind of shoe	Cuta	and pulled from	Perfor From—	ated To—	Purpose
-5/8n	24			-lint1]-	163		Baker					Surface Production
	7.2	.	TOTAL SALES AND		<del>&gt;</del> ₩9₩		baker-	2007 (ST		4 <del>94</del> 0	4954	Production
					2. Oh.			i.i. Ç.:.V-Ç.				
				MIIDI	VINC A	ND 4	CEMENTI	NC		1 71 47 7		
Size	Where	set	Numb	er sacks of ce		T	Method used		Mud gravity	An	nount of m	uid used
casing		<del>-</del>		AA			placement				<u> </u>	
<b>-1/</b> 2"	506	Э О		150		Dis	bracemen. bracemen	<u>5</u>	enb	-		
Heavir	ոջ ըկոջ—	-Ма	terial				ND ADAP		<b>s</b> I	enth set		
		·			SHO	оті	ING RECO	ORD				The second secon
Size	s	shell u	ısed	Explosive u	sed	Qu	antity D	ate	Depth shot		Depth clear	ned out
Rotary	tools w	ere 1	used from .				LS USED	feet,	and from	Mp	feet to	feet
									and from	•		
ో సాత	an and in constant	1.7		: 19 æ	9)	_	Put to	nrod	ueino -	2		, 19
				•					fluid of whi			
			vater; and						Gravity, B			
If	gas well	, cu	ft. per 24	hours			Gallons	gaso	line per 1,00	0 cu. ft.	of gas	
$\mathbf{R}_{0}$	ock press	sure	, lbs. per s	q. in:			PLOYEES	70.	•			
.E. B	abeock		<b>-</b> -		, Driller			Sr:	lakerhoff <del>Specimer -</del>	frillin	g Comps	any Driller
<del>51</del> ee	k				-							, Driller
ED	<b>DM</b> —		то-	1 00	FOR		ION REC	ORD		MATION		and the same of th
		<del>:</del>	10-		OTAL FE				r Out			
1236		•	144,3		208		Pio	ture	d Cliffs			
1443			1610		167		Lew	ia				
1610			2087		477		Gli	ff I	louse			
2087			3760		1673		411	isor	-Meneilee			
3760			3926		166				ookout			
3926	Agraphics - April		4821		ి <sub>95</sub>		Man					
4821	P To represent the second seco		processes		mer E J							
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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 mumber of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping of shots.

HIZLOKA OF OIL OR CAS WELL

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FORMATION TOTAL FEET EBOM-

#### SHELL OIL COMPANY

Gov't. 23-16A

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Bisti

DRILLING REPORT
FOR PERIOD ENDING

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		1	4

(FIELD)

San Juan, New Mexico

10-10-57

(SECTION OR LEASE) T25N, R11W (TOWNSHIP OR RANCHO)

	(COUNT	(Y) ,	(TOWNSHIP OR RANCHO)
DAY	DEI	PTHS	REMARKS
5 <b>7</b>	FROM	то	KEMARRO
			Location: 2056 N and 2050 E of SW Corner, Section 16, T25N, R11W, NMPM, San Juan County, New Mexico.
			Elevations: DF 6429.9 GR 6422.6 KB G431.1
10 <b>-1</b> To 10-2	0	1728	Spudded 6:30 P.M. 10-1-57. Ran and cemented (163) 8-5/8", 24#, J-55 National casing at 173 with 100 sacks construction cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.
10-3 To 10-8	1728	4977	Drilled 3249°.
10-9 to 10-10	4977	5060	Drilled 83°. Ran Electrical Survey and Microlog. Ran and cemented (5050°) 4-1/2", 9.5# casing at 5060° with 150 sacks gel treated cement, displaced with oil, final pressure 1500 psi. Released rig 1:30 A. M. 10-10-57.  Checked BOP daily Mud Summary wt 9.2 - 9.8 #/gal. vis 36-110 sec. w1 6-8.2 cc FC 2/32
	Co	NDITION A	Contractor: Brinkerhoff Drilling Co.
<del></del>			Drillers: E. Babcock

	HOLE		CASING SIZE	DEPTH SET
IZE	FROM	то		
			1	
			1	
	1		.	
RILL	PIPE		_	

Drillers: E. Babcock

Black J. Speaker

#### SHELL OIL COMPANY

Gov't. 23-16A

WELL NO.

Bisti

(FIELD)

## DRILLING REPORT FOR PERIOD ENDING

T25N

16
(SECTION OR LEASE) RllW

### San Juan, New Mexico

12-15-57

	СООИТ	Y) ,	(TOWNSHIP OR RANCHO)
DAY	DEF	THS	
	FROM	то	REMARKS
10-11	5060	T. D.	Ran Gamma Ray - collar log. Perforated four 1/2" holes/ft. 4940-54. Moved in well pulling unit.
10-14			Ran 2-3/8" tubing to top of perforations. Swabbed 9 hours - 100 bbls, fluid level 2000'. Moved pulling unit.
10-31			Pumped 150 gal. mud acid down casing. Started sand oil fracture, flange on well head leaked, repaired flange, well would not take fluid. Located sand at 4880°.
11-1 To 11-2			Moved in well pulling unit, bailed frac sand to total depth.
11-3			Sand oil fracture treatment #1. Broke down formation at 1500 psi. Injected 30,000 gal. crude oil with 1#/gal. 20-40 mesh sand. Treating pressure 2800 - 2900 psi, average treating rate 36 bbl./min.
			Bailed sand from 4944-4973, landed tubing at 4940°. Swabbed 3 hours - 100 bbls., fluid level 1000°±.
11-4			Swabbed 12 hours, well began to flow.
11-5			Flow and recovered all load and frac oil.
To 12 <b>-1</b> 5			INITIAL PRODUCTION Flowing, 564 B/D gross, 562 B/D clean, cut 0.3%, 64/64" bean, 62 MCF/D gas, GOR 110, TP 125.
			Completed 12-15-57
	:		
	1	1	

	HOLE		CASING BIZE	DEPTH SET
SIZE	FROM	то		
12"	0	173	8-5/8"	1731
'-7/8"	173	5060	8-5/8" 4-1/2"	5060
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