



## DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

UNITED STATES

# LOG OF OIL OR GAS WELL

Company .	She:	11 0 <b>11</b> Co	mpany			Addres	s	101 South	Behrend,	, Farmi	ington, -N.M.
Lessor or T	Γract 13_16Δ	Federal			oridio	Field	Bist	<b>t.i</b> Сот	State	New A	lexico
Location 19	975.7 ft	$\{N_{\cdot}\}_{\text{of}}$ S	n الانتخار . Line a	nd 657	eridia ft. E.	of	Line	e of Sec.	inty <b>se</b> 16	Elevs	ation 6423.6 KB
								ord of the w			
		etermined fr		vailable r	ecord	s		MENED !			
DateJs	nuary.	6, 1958			<b></b>	C =======					gineer
	-	on this pag			tion o	of the wel	lata		*		
Commence	ed drillin	ng Novem	ber 29	<b></b> ,	19- <b>5</b> 7	Finish	ed d	rilling Le	cember 1	<u>.</u>	, 19 <b>57</b>
			0			SANDS ( e gas by G)		ONES			
No. 1, from	n49	38	_ to		-			n	to	)	
No. 2, from	n		_ to			No. 5	, fror	n	to	)	
No. 3, from	n		_ to			No. 6	, fron	n	to		
3.T - 0						WATER			1		
,								n			
140. 2, 1101.	11		_ 60			G RECO				,	
Size W	eight r foot	Threads per	Make	Amoun	t K	and of shoe	Cut	and pulled from	Perfo	1	Purpose
3_5/8n			Na+17	120		laker			From-	To	Surface
4-1/2" 9	5		ologija († 1	120 4 <b>96</b> 9		aker	हा प्रकृत इ.स.च्या		7338	4961	Production
1 - 11	793 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3 .0.4	منین و	i gir Sas. gija etr					1	1. K. 1. 1. 5. 11. 2. 45. 1. 6 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
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			MUD	DING A	ND C	EMENT	ING	RECORD	:		<u> </u>
Size casing	Where set	Numb	er sacks of c	ement	м	ethod used		Mud gravity	A	nount of n	nud used
8-5/8" 1	30		100		-Dis	placeme	at				
4 <b>-1/</b> 2n 4	977		150				 				
Heaving p	lug⊸M:	aterial		PLUG	S AN Len	d ADAF	-1 E.F		en Dac Denth set	K Gehr	5 470l
	1					NG REC		1			
Size	Shell	used	Explosive	used	Qua	ntity	Date	Depth shot		Depth clea	ned out
************											
Rotary too	ols were	used from				LS USEE		, and from		feet to	feet
			i i			i * "					feet
			10		D.	ATES	. 70770	duaina			10
Janua The r	ry 6	on for the	, 19 first 24 h	58 Jours Was	- 22	1					oil;%
		water; and			-	<b>G</b>					39°
						Gallons	gas	.75-4		-	
Rock	pressur	e, lbs. per s	sq. in								
						LOYEES		inkerhoff	Drlg. C	0.	, Driller
J. S		•		, Driller							, Driller
E. E	abcock	•		FOR	MAT	ION REC	CORI	D .			
FROM-	_	то-		TOTAL FE	E <b>T</b>			FOI	RMATION		
1050		1361		77;		Ldates		Cliffs			
1250		1364		114			rea	011118			
1364		1630		<b>26</b> 6		Lewis					
1630		2226		596		Cliff	Hou	136			
2226		3695		1469		Allis	on -	Men <b>efe</b> e			
3695		3927		232		Point	Loo	kout			
3927		4821		894		Manco	3				
		erge om med MBA		- /**							
4821		<b>80</b> 9		enter Territoria		Callu	þ				
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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 it 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 pemping or bailing.

HISTORY OF OIL OR GAS WELL Z-\$602\$---91 art bas La company of the property of the second the state of the state - Jan 1888 Later Burn Burn Burn of the Spirit State 

TOTAL FEET

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EBOM-

EORMATION

WELL NO ..

#### 2-50" PRINTED IN U. S. A.

Bisti

## SHELL OIL COMPANY

DRILLING	REPORT
FOR PERIOD	

16

(SECTION OR LEASE) R11W

San Juan, New Mexico (COUNTY) ,

12-7-57

(TOWNSHIP OR RANCHO) DEPTHS DAY 57 FROM то Location: 1975.72 N and 657 E of SW Corner, Section 16, T25N, R11W, N.M.P.M., San Juan County, New Mexico. Elevations: DF 6422.45 GR 6415.30 KB 6423,60 Spudded 5:00 P.M. 11-29-57, Ran and cemented (120') 8-5/8", 28#, J-55 11-29 0 2150 10 Nat'l casing at 130' with 100 sacks cement treated with 2% calcium 11-30 chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 500 psi, OK. 12-1 2150 4812 Drilled 26621. To 12-5 12-6 4812 4970 Drilled 1581. Ran Electrical Survey and Microlog. <u>Drilled 10</u>: Ran and Cemented (4969) 4-1/2", 9.5# casing at 4977 with 12-7 4970 4980 150 sacks cement treated with 4% gel. Released rig 8:30 P.M. 12-7-57 Checked BOP daily Mud Summary wt 9.4 - 9.8 #/gal vis 55-130 sec WL 7.2-7.8 cc FC 2/32"

	HOLE		CASING BIZE	DEPTH SET
IZE	FROM	то		
	1 1			
	1		.	

Contractor: Brinkerhoff Drilling Company

Drillers:

J. Speaker E. Babcock

W. Black

2-50 PRINTED IN U. S. A.

### SHELL OIL COMPANY

Govit. 13-16A

DRILLING REPORT
FOR PERIOD ENDING

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		- 1

16

Table 1

(SECTION OR LEASE)

Bisti (FIELD) San Juan, New Mexico

12\_2/\_57

San Ji	ian, Neu	Mexico	
	(CCUNT	Υ) ,	(TOWNSHIP OR RANGHO)
DAY	DEF	тна	
57	FROM	то	REMARKS
12-9	4930	TD	Ran piano wire, top of plug = 4961.
12-10			Ran Gamma Ray - collar log, perforated four 1/2" bullet holes/ft. 4938-61
12-20			Sand oil fracture #1 (Spotted 200 gal. mud acid prior to frac) Broke down formation at 2700 psi. Injected 38,000 gal. oil with 1#/gal. sand dropped 70 nylon core balls after injection of first 16,000 gal. oil, pressure increased from 2600 psi to 3300 psi. Maximum pressure 3300 psi, Min imum pressure 2500 psi, average rate 38.5 bbl/min. Flushed with 158 bbls. oil. Shut in pressure 600 psi after 15 minutes.
12-21			Landed tubing at 4925°. Swabbed and well started flowing.
12-22 To 12-23			Flowed and recovered 906 bbls. load and frac oil.
12-24			INITIAL PRODUCTION Flowing 376 B/D gross, 375 B/D clean, cut 0.3% 64/64" bean, 132 MCF/D, GCR 350, Completed 12-24-57.
	CON	DITION AT	BEGINNING OF PERIOD

	HOLE		CASING SIZE	DEPTH SET
SIZE	FROM	то		
-1/4"	0	130	8-5/811	1301
12 <b>-1/4"</b> 7-7/8"	130	4980	8-5/8" 4-1/2"	49771
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DRILL	S	1/211		