Form 9-330

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LOCATE WELL CORRECTLY

LEASE OR PERMIT T

JAN31 1962
UNITED STATES

OIL COM. BEPARTMENT OF THE INTERIOR

U. S. LAND OFFICE SF-078062
SERIAL NUMBER SF-078062 LEASE OR PERMIT TO PROSPECT

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LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

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o far as ca	n be	determined	from all av	ailable rec Si	cords. W. M	. MARSI	IALL			
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The gr	ımmai	ry on this p	age is for t	he conditi	on of the w	ell at al	oove date.			
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Adapters-	–Mat	erial			Size					
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emulsion	;	% water; as	nd%	sediment.						
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DEPARTMENT OF THE INTEROR

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SHELL OIL COMPANY

Water Well well No. W-5

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(FIELD)

San Juan, New Mexico

DRILLING REPORT FOR PERIOD ENDING

7-9-61

18 (section or lease)

T. 25 N., R. 11 W. (TOWNSHIP OR RANCHO)

DAY	DEI	тнѕ						
	FROM		REMARKS					
			Location: 2117' N., 2226' W. of SE corner Section 18, T. 25 N., R. 11 W., N.M.P.M., San Juan County, New Mexico. Elevations: KB 6398.5					
			DF 6396.4 GR 6389.56					
7-2 to 7-3	0	1195	Spudded 5:30 P.M. 7-2-61. Ran and cemented 10-3/4", H-40, 40.5# conductor pipe at 71' with 50 sacks cement treated with 2% calcium chloride. Good cement returns to surface. Flanged up and waited on cement.					
7-4 to 7-8	1195	3849	Drilled 2654 . Ran Induction Electrical Survey and Microlog.					
7-9	3849 (TD)		Ran and cemented 7", J-55, 23# ST & C casing at 3848', with 225 sacks cement treated with 20% Diacel D and 2% calcium chloride followed with 50 sacks cement treated with 2% calcium chloride. Bumped plug with 2000 psi, o.k Released rig at 3:30 A.M. 7-9-61.					
			Mud Summary Wt. 8.7-9.6#/gal. Vis. 38-40 sec. WL 8-9 cc FC 2/32					
			Contractor: Great Western Drilling Company Contract Pusher: E. H. Leseberg Drillers: B. O. Talent G. G. Ellis L. B. Wells Company Pusher: J. E. Dozier, Jr.					
			End					

	HOLE		CASING SIZE	DEPTH SET		
SIZE	FROM	то				
3 - 3/411 911	0	711	10-3/4"	71 1		
)n	711	38491	וויף	3848 '		

SHELL OIL COMPANY

Water Well well No. W-5

Bisti

San Juan, New Mexico

(COUNTY)

DRILLING REPORT FOR PERIOD ENDING

November 14, 1961

18
(section or lease)
T. 25 N., R. 11 W.
(township or rancho)

	 -										
DAY	DEPTHS			REMARKS							
	FROM	то)								
10-25			Perf spot	Corated 25 3/8" holes in interval 2824' to 3744. Ran tubing to acid.							
10-26			3748 Lb. 72 B D isp	sted 2,000 gallons of inhibited 15% HCL through tubing hung at Sand water fractured interval with 100,000 gallons water 1-1/2 per gallon 10-20 sand. Maximum pressure 1200 psi; average rate BPM. Dropped 20 rubber balls in 4 batches; one 200 psi increase. claced sand from casing with 107 barrels water SIP 1500 psi. in over night. Pressure after 14 hours, zero.							
10-27			Bail	ed frac. sand 3681' to 3775'. Let stand over night							
10-28			Chec	ked fill at 3752, laying down tubing.							
10-30			Whil Pull	e running pump damaged Maihak connection after 10 stands in hole.							
10-31			Ran	B-J pump on 3" tubing with pump suction at 2783". Started pump.							
11-1			Pump	Pumped 18 hours at 3025 B/D rate							
11-2 to 11-11			Test	Testing pump. Representative Rate 2730 B/D							
11-12			Fini	Finished filling frac. tank. Preparing to pull pump for refrac.							
11-13			Pull	ed B-J pump. Checked fill at 3800' with bailer							
11-14			Sand-water fractured interval 2824-3744 (25 3/8" perfs) with 100,000 gallons water with 1-1/2 lb. per gallon 10-20 sand. Maximum prossure 3500 psi. Average rate 48 BPM. Dropped 10 balls in 2 batches, 5 each. Pressure increased from 2300 to 2600 after first batch, from 2600 to 3500 psi. after second batch. Displaced sand with 108 bbls. water. ISIP 1200 psi. Pressure bled off to 175 psi. after 2 hours. Bled remainder of pressure off. Ran bailer. Found sand at 3640. Bailing.								
	c	ONDITIO	N AT BEGINN	NING OF PERIOD							
		CASING SIZE	DEPTH SET								
SIZE	FROM										
		-									
DRILL SIZI											

2-50 PRINTED IN U. S. A. 3-58

SHELL OIL COMPANY

Water Well

Bisti

San Juan, New Mexico

DRILLING REPORT FOR PERIOD ENDING

December 8, 1961

18
(SECTION OR LEASE)
T. 25 N., R. 11 W.
(TOWNSHIP OR RANCHO)

	DEPTHS												
DAY	FROM	TO	-	REMARKS									
11-15			Aft	er standing over night found sand at 3538 bailed to 3610: Bailing									
11-16			Bail	led frac. sand to 3750. Preparing to run pump									
11-17			Ass	Assembled B-J pump and Mahiak and ran in hole to 1024'. Delayed by snow and wind.									
11-18				Finished running pump on 3" plastic coated tubing. Suction at 2783, Started pump.									
11-19			Pum	sped 3600 B/D rate. TP 130. Making sand. Increased TP to 250 and sested at 3288 B/D rate.									
11-20 to 12-8			Tes	ting pump. Representative Rate 2750 B/D.									
	HOLE	ONDITIO	CABING SIZE	INING OF PERIOD DEPTH SET									
SIZE													
DRILL SIZ													