U. S. LAND OFFICE SETTA SE SERIAL NUMBER 36254 Lease or Permit to Prospect

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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Gov't WELL No. 43-10

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DRILLING REPORT
FOR PERIOD ENDING

10

(FIELD)

San Juan, New Mexico

7-17-57

(SECTION OR LEASE)
T25N₉ R12W
(TOWNSHIP OR RANGHO)

Year DEPTHS BXX 1957 FROM 1980' N and 660' W of SE corner, Section 10, T25N, R12W, Location: N.M.P.M., San Juan County, New Mexico Elevations: DF 6218.4 00 Grd 6209.1 KB 6220.3 140 Spudded 4:15 P.M. 7-7-57. Ran and cemented 8-5/8", 24#, J-55 casing 7-7 0 at 134' with 85 sacks construction cement treated with 2% calcium chloride. Good cement returns to surface. Flanged up and waited on cement. Pressure tested BOP and casing with 700 psi. for 15 minutes, O.K. 7-8 to 140 4895 Drilled 47551. Twisted off at 4649 leaving 13 drill collars in hole, 7-15 recovered with grapple. 7-16 4895 to TD Ran Electrical Survey and Microlog. Ran and cemented 4-1/2", 9.5# 7-17 casing at 4889 with 150 sacks construction cement treated with 4% gel. Final pressure 1500 psi. Released rig 1:45 A.M. 7-17-57. Check BOP daily Mud Summary Wt 9.6 - 9.8 #/gal. Vis. 38-50 sec. WL 6.8 - 8 cc. FC 2/32Shell Oil Company Rig #18 Drillers: O. D. Grant W. L. Mety M. Lonney

HOLE	CASING SI	ZE DEPTH SET
ZE FROM	FROM TO	
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Gov't 43-10

DRILLING REPORT
FOR PERIOD ENDING

8-12-57

10

T25N, R12W

<u>Bi</u>	sti		
San		New	Mexico

	(COUNT	Y)				(TOWNSHIP OR RANGHO)
Year	DEF	THS		REM	ARKO	
1957	FROM	TO		4 - 2012		
7–30	4895	TD			Found fill at 4876, pl	_
8-2			Perforate	ed four 1/2" hol	es/ft 4767-4790, 4795 - 4	805, 4837–4848, 4853–4861
8 =5			3150 psi. with 30,0 injection bbls. cru	, min. pressure 000# sand, max. n rate 37.5 bbl. nde. Shut in pr	Loaded hole with 100 bb 2000 psi. Injected 30 press. 2450, min. press/min. Displaced and oversure 800 psi. after 6 with 30 ML of Iridium	,000 gal. crude oil ure 2400, average erflushed with 160 min. Total load used
8=6			Ran trace	er log		
8-8			Cleaned o	out to 4875, ran	tubing to 4725%.	
8-9 to 8-11			Swabbed w	vell started flo	wing. Flowed 1054 bbls	. load and fracture
8-12			Flowing,		ate, 387 B/D clean, cut TP 40-80, CP 80-450, Co	
	CON	IDITION	T BEGINNING OF P	ERIOD		
	HOLE		ASING SIZE	DEPTH SET		
	T T				1	

				NG OF PERIOD
SIZE	FROM	то	CASING SIZE	DEPTH SET
12-1/4 * 7-7/8*		140 4895	8-5/8* 4-1/2*	134° 4989°
DRILL I	PIPE 4.	-1/2"		

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DRILL PIPE SIZES

(FIELD)

(COUNTY)

San Juan, New Mexico

DRILLING REPORT FOR PERIOD ENDING

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10

7-17-57

T25N, R12W

(TOWNSHIP OR RANGHO)

			(TOTASHIP OR RANCHO)				
Year EXX	DEPTHS TO		REMARKS				
1957			1				
			Location: 1980' N and 660' W of SE corner, Section 10, T25N, R12W, N.M.P.M., San Juan County, New Mexico Elevations: DF 6218.4				
	,		Grd 6209.1 KB 6220.3				
7-7	0	140	Spudded 4:15 P.M. 7-7-57. Ran and cemented 8-5/8", 24#, J-55 casing at 134' with 85 sacks construction cement treated with 2% calcium chloride. Good cement returns to surface. Flanged up and waited on cement. Pressure tested BOP and casing with 700 psi. for 15 minutes, 0.K.				
7-8 to 7-15	140	4895	Drilled 4755 . Twisted off at 4649 leaving 13 drill collars in hole, recovered with grapple.				
7-16 to 7-17	4895	TD	Ran Electrical Survey and Microlog. Ran and cemented 4-1/2", 9.5# casing at 4889° with 150 sacks construction cement treated with 4% gel. Final pressure 1500 psi. Released rig 1:45 A.M. 7-17-57.				
			Check BOP daily				
			Mud Summary Wt 9,6 - 9,8#/gal. Vis. 38-50 sec. WL 6.8 - 8 cc. FC 2/32				
			Shell Oil Company Rig #18 Drillers: D. D. Grant W. L. Mety M. Lonney				
		NDITION:	AT BEGINNING OF PERIOD				
	HOLE		CASING SIZE DEPTH SET				
SIZE	FROM	то					

Gov't 43-10 WELL NO.

DRILLING REPORT
FOR PERIOD ENDING

10

T25N, R12W

Bisti				
(FIELD)	FOR PERIOD			
San Juan, New Mexico	8-12-57			
(COUNTY)				

(COUNTY)				(TOWNSHIP OR RANGHO)					
Year	DE	PTHS							
1957	FROM	то		REMARKS					
7-30	4895	T	D Move	ed in pulling unit. Found fill at 4876, plug at 4884.					
8-2	ı		Peri	forated four 1/2" holes/ft 4767-4790, 4795-4805, 4837-4848, 4853-486					
8-5			3150 with inje bbl:	cture Treatment #1. Loaded hole with 100 bbl. crude, max. press. O psi., min. pressure 2000 psi. Injected 30,000 gal. crude oil in 30,000# sand, max. press. 2450, min. pressure 2400, average ection rate 37.5 bbl./min. Displaced and overflushed with 160 s. crude. Shut in pressure 800 psi. after 6 min. Total load used 4 bbls. (Sand treated with 30 ML of Iridium 192).					
8-6			Ran	tracer log					
8-8			Clea	aned out to 4875, ran tubing to 4725.					
8-9 to 8-11			Swal oil	bbed well started flowing. Flowed 1054 bbls. load and fracture					
8-12			Flor	tial Production wing, 388 B/D gross rate, 387 B/D clean, cut 0.2%, 1" bean, 238 MCF/D, GOR 610, TP 40-80, CP 80-450, Completed 8-12-57.					
	CC	NDITION	AT BEGINN	ING OF PERIOD					
	HOLE		CASING SIZE	DEPTH SET					
SIZE	FROM	то		wer in 3E1					

	CONDITION AT BEGINNING OF PERIOD								
	HOLE		CASING SIZE	DEPTH SET					
SIZE	FROM	то							
12-1/4	0	140	8-5/811	1341					
12-1/4 * 7-7/8 *	140	4895	8-5/8# 4-1/2#	49891					
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DRILL I	PIPE 4	-1/2 *							