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

U. S. LAND OFFICE Santa Fe. N.M. SERIAL NUMBER SF 078067

LEASE OR PERMIT TO PROSPECT .....

UNITED STATES DEFARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCA	TE WELL	CORRECTLY					<b>.</b> .		سد الحسريدي	M M
Compan	y Shel	1 011 Com	pany		Address	101 S.	Behren	d. Fari	lington May M	evico
Lessor o	r Tract	Federal -	Carson	Unit	Field	Blati		State - Ser	Juan	
Well No	14-11	Sec. 11. 7	г. <b>25N</b> R.	12W Merid	ian <b>nmp</b> m	·	Count	ty <b>===</b>	Eleveti	ion 6229 KB
Location	530	it. <b>XX</b> of	S Line an	d _ <b>450</b> ft.	of	nagord of	the well	and all	Work do	ne thereon
The	e informat s can be d	tion given h letermined fi	erewith is rom all ava		and correct					
30 Tur uc	, can so a			Sign	ras. ned	m	Evn]	. w. she loitati	on Engi	neer
Date	Februa	ry 25, 195	58	 dition	of the well					
The	e summar	y on this pa ·	ge is for U	ne condition	of the well  57. Finishe	at above t	Sep'	tember	12	, 19_ <b>57</b> _
Comme	nced drill	ing			SANDS O					
		1	/	(De	note gas by G)					
No. 1, f	rom	4746	to	4847	No. 4,	from		to		
No. 2, f	rom		to		No. 5,	from		ن to		
No. 3, f	from		to		No. 6,	FANDS		0		
					NO. 3.			to		
No. 1, 1	trom fnom		to							
No. 2, 1	IF0III		00	CASI	NG RECOF					
Size	Weight	Threads per	Make	Aitached	кирытрыв	enterous	led from	Perfor From—	ated To—	Purpose
casing	per foot	inch	Spang							Surface
8-5/8		8		4856				4749	4847	Production
			1, 1, 1,15g .							
			3.1.1.		91 1		1		1	
			MUDI	DING AND	CEMENT	1			<u> </u>	
Size	Where s	ot Num	aber sacks of c		Method used		gravity	Aı	mount of m	ud used
easing					Diaplaceme	ent.				
8-5/8	486	5 I	1.50							
		1								
				DITICS	AND ADAI	PTERS				
Heavi	ng plug—	Material			Length	~~~~~~	l	Jepth set	D	
Adapt	ers-Mat	erial			Size					
			·		TING REC		Dth shot	<u> </u>	Depth clea	ned out
Size	e 8	hell used	Explosive				Depth shot		Depen cica	
_		. 1 6	0	To fact t	OOLS USEI	feet, and	l from	<b></b>	_ feet to	feet
Rotar	y tools w	ere used from	m	feet t	0	feet, and	i from	<b></b>	feet to	efeet
Cable	toois wer	e used from			DATES					
	Febr	1ery 25	, 19	58						, 19 <b>58</b>
					<b>672</b> bar	rrels of flu	id of wh	nich99	•7/o was	oil;%
emuls	sion;	% water; ar	nd <b>0.3</b> %	sediment.	Q 11					
						ns gasolme	per 1,0	oo cu. it	. or gas	
I	Rock pres	sure, lbs. pe	er sq. in		 EMPLOYEE	S Beein	kerhof	f Drill	ing Cor	TOBNY
<b>.</b>	Мп	Schulze				R	C. C	a <b>r</b> y		, Driller
	rie De	Benton		, Driller						, Driller
	<b>U.</b> 171			FORM	MATION RE	CORD				
F	rbom—	то-		TOTAL FEE	r		FO	RMATION		
	1070	127	78	208	Pi	ctured (	Cliffs			
	1070				_	•				•
	1278	145	52	174	Le	wis				
	1452	193	36	484	C	Liff Hou	5 <b>e</b>			
	1936	357	77	1641	A:	Llison-M	enefee			
				160		oint Loo	kout.			
	3577	373					<del></del> <del></del> <del></del>			
	3737	464	46	909	M	ancos				
	4646	_		-	G	allup				
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16-43094-4

<u> </u>	FORMATION		TOTAL FEET	-03	i -	-MOAT
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S - 1 - 1 - 1 - 1 - 1 - 1 - 1	Winner of Great					
		- <b>15</b> 10 - 151 - 151				
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	er er gestigt.				141. (7.)	1 1/16 1 1 4/11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
						-

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 easing, state fully, and it any casing was "sidetracked." or left in the well, give its size and docation. If the well has been dynamited, give date, size, position, and results of pumping or bailing. 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.

HISLOKA OF OIL OR GAS WELL

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Affached: Dulling History

B. W. SHEPARD

16-43094-2 О. S. GOVERNMENT РЯЗИТІМЬ ОРГІСЕ

Original signed by

Bisti

(FIELD)

2-50 PRINTED IN U. S. A.

## SHELL OIL COMPANY

Carson Unit WELL NO. 14-11

DRILLING REPORT
FOR PERIOD ENDING

11 (SECTION OR LEASE)

San	(Fill.	o) New Mex	FOR PERIOD ENDING	(SECTION OR LEASE)						
	(COUN		ico September 13, 1957	T 25 N. R 12 W						
	l .	· &		- AARENO)						
DAY	DE	PTHS	REMARKS							
	PROM	ТО	KEMARKS							
			Location: 530' N and 460' E of SW Corner, Section NMPM, San Juan County, New Mexico.	tion 11, T25N, R12W,						
			Elevations: DF 6227.8 KB 6229.0 Gr 6220.1							
9-4 to 9-5	0	1759	Spudded 10:00 PM, 9-4-57. Ran and cemented (10 Spang casing at 116' with 85 sacks cement treat chloride. Good returns to surface. Flanged up Pressure tested casing with 700 psi, OK.	ted with 2% calcium						
9-6 to 9-12	1759	4871	Drilled 3112°. Ran Electrical Survey and Micro	olog.						
9-13	4871	TD	Ran and cemented (4856) 4-1/2%, 9.5# casing at cement treated with 4% gel. Displaced with oil 9-13-57. Checked BOP.	Ran and cemented (4856) 4-1/2%, 9.5# casing at 4866 with 150 sacks cement treated with 4% gel. Displaced with oil. Released rig 4:00 PM, 9-13-57. Checked BOP.						
			Mud Summary							
			Wt. 9.5 - 9.8#/gal.							
	•		Vis. 47-110 sec.							
•			WL 6-8.4 cc							
			FC 1-2/32"							
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	<u> </u>	<u> </u>								
	HOLE			hoff Drilling Company						
enze.	FROM	TO	Drillers: M. O. Schi G. M. Ben							
			R. C. Car							
				-						
DRIL	DRILL PIPE									
#17	. <del> </del>			Ad						

## SHELL OIL COMPANY

Carson Unit

Bisti

San Juan, New Mexico (COUNTY)

## DRILLING REPORT FOR PERIOD ENDING

January 29, 1958

T 25 N, R 12 W
(TOWNSHIP OR RANCHO)

	1		HANAN NO TIMENTO						
DAY	DEPTHS								
	FROM TO		REMARKS						
11-5	4871	TD	Ran Gamma Ray - collar log. Perforated four 1/2" bullet holes/ft. 4746-71, 4777-87, 4822-33, 4838-47.						
1-14-	58		Spotted 200 gal. mud acid on perforations.  Sand oil fracture treatment #1 Injected 36,000 gal. crude oil with 1#/gal. sand, dropped 120 nylon core balls, injector lubricator leaked, discontinued treatment, flushed with 155 bbls. crude oil. Maximum pressure 2700 psi, minimum pressure 2000 psi, average injection rate 31 bbls/min.						
1-15			Sand cil fracture treatment #1A. Broke down formation at 2700 psi. jected 8400 gal. crude cil with 1#/gal. sand and 50 nylon core balls injected 5000 gal. crude cil with 1#/gal. sand and 50 nylon core bal (pressure increased from 2800 psi to 3500 psi). Injected 5400 gal. cil with 1#/gal. sand and 25 nylon core balls (pressure decreased to 2750 and then increased to 2800 psi). Injected 5600 gal. crude with 1#/gal. sand with 50 nylon core balls (pressure increased to 2950 br back to 2800). Injected 9000 gal. crude with 1#/gal. sand, overflus and displaced with 160 bbls. crude. Maximum pressure 3450 psi, mini pressure 2700 psi, average injection rate 38.1.	crude crude crude coke					
1-18			Cleaned out frac sand from 4750 - 4835.						
1-19			Recleaned frac sand from 4725 - 4860.						
1-20			Ran tubing to 4708, swabbed 20 bbls., well began to flow.						
1-21 to 1-28			Flowed and recovered all load and frac oil, 1991 bbls.						
1-29	INITIAL PRODUCTION Flowing, 672 B/D gross, 670 B/D clean, cut 0.3%, 64/64" bean, 328 MCF/D, GOR 490, TP 180. Completed 1-29-58.								
	CONDITION AT BEGINNING OF PERIOD  HOLE CASING SIZE DEPTH SET								
SIZE FROM TO			ING SIZE DEPTH SET						
12-1/4	, 0		.5/8" 116°						