



WR-35

JUL 1 6 1986

Sinie of Mest Nicginia DEPARTMENT OF ENERGY Gil und Gas Bivision

Date					
Oper	ator	's			
Well	No.	#1			
Farm	Sa	ndusk	y Est	ate	
	No. 4			_ 3312	
ALT	7AO •				-

WEIL OPERATOR'S REPORT

## DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

~ MOTONI •	Oil / G (If "Gas," Elevation:	0001	Waters	hed S	IMPSON C	REEK		
CALLON.	Elevation: District:	SIMPSON	County	HARRIS	ON	Quadrangle	ROSEMON	T 7½'
MPANY_	PETROLEUM DEVE	LOPMENT CO	DRPORATIO	<u>N</u>	9	Used in	Toft	Cement
DDRESS	PO BOX 26, BRI	DGEPORT, W	TTAMS		Casing			fill up Cu. ft.
	D AGENT STE				Tubing	DETTITIO	TIL METT	
	PO BOX 26, BRI				Size 20-16			
	WNER WILLIAM (				Cond.			
DDRESS_E	O BOX 420, BR	IDGEPORT, I	<u>WV 2633C</u> &_ELOISE	)	13-10"	40'	40'	
INERAL P	RIGHTS OWNER W	CALLISON,	ET AL	3	9 5/8		792'	170 sks
DDKESS_	PO BOX 420, BR	IDGEPORT,	WV ZOOO	JEN	8 5/8	792'	192	17(1 383
IL AND	GAS INSPECTOR	FOR THIS RT 2 BOX	232-D	TITIA	7			
	ADDRESS				5 1/2			105 1
	SSUED MAR				4 1/2	1871'	1871'	185 sks
	COMMENCED APR				3			
	COMPLETED APR			·	2			
IF APPLI	CABLE: PLUGG	ING OF DR	Y HOLE O	B M	Liners			
CONTINUC	OUS PROGRESSIC NG. VERBAL PE	n frandr Ermission	OBIAINED	•	used			
ON							1	
GEOLÒGIC	CAL TARGET FOR	RMATION		ВЕ			<b>pth</b> 50	
Det	oth of complet	ted well	1187	feet	Rotary_	xx / Cab	le Tools	
Wa	ter strata de	pth: Fres	sh 32;50;3	<sup>325</sup> feet;	Salt	ree	: C	
	al seam depth					al being mi	ned in t	he area?_
	OW DATA roducing forma	+ion	GORDON		•	Pay zone de	epth 1796-	-1801£
PI	coducing forms	mon flow		Mcf/d	Oil:	Initial op	en flow_	Bb
G	is: initial c	per mon_	(57)	Mcf/d		Final open	flow	Bb
-	rinai ope	a of open	flow bet	ween ini	tial and	final tes	ts4	hours
•	tatic rock pro	s or ober	בבטה בכי	ig(surfa	ce measu	rement) af	ter_72_1	nours shut
	tatic rock pro If applicable	2550165	70F	rompletic	n)			
5	If applicable	- E	im	p 00 0 0 0		Pay zone d	lepth	
		no rormat	<u></u>		Oil:	 Tnitial or	en flow	В
(.	econd produci	F1		MCT/C				
(.	Tnitial	open flow	•	MCI/Q Mcf/A	Oil:	Final oper	n flow	В
(.	as: Initial	open flow oen flow		Mcf/d	Oil:	Final oper	J ITOM	

## WELL LOG

	TOP FEET	BOUNDA EFFI	REMARKS Including indication of all fresh		
FORMATION COLOR HARD OR SOFT	JOB LEET	DIAGRAM	and salt water, coal, oil and gas		
KB - GL	0	10	210 2 22		
sand, shale, RR	10	1107	2" stream H2O @ 32'		
Big Lime	1107	1166	Hole damp @ 50'		
Keener	1166	1204	1/2" stream H2O @ 325'		
sand, shale	1204	1214	nggapan		
Big Injun	1214	1259	gas check @ 1323' 4/10 - 1" H20		
sand, shale	1259	1614 1626	gas check & 1525 4/10 1 m20		
Gantz	1614 1626	1632			
sand, shale	1632	1686			
50 ft	1686	1693			
sand, shale 30 ft	1693	1736	gas check @ 1700' 2/10 - 1" H20		
sand, shale	1736	1789	,		
Gordon	1789	1805	gas check @ 1802' 2/10 - 1" H20		
sand, shale	1805	1812	-		
Gordon Stray	1812	1831			
sand, shale	1831	1893	Driller TD 4/10 - 1" H20		
· •		1895	Logger TD 4/10 - 1" H20		
		Management of the state of the			
•					
		-			
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•					
			,		
	•				

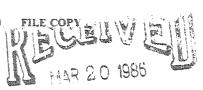
(Attach separate sheets as necessary)

| Tholeum | EUCLOPMEN |
| Well Operator |
| Date: 7/14/86

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including that, encountered in the drilling of a well."

FORM WW-2(B) (Obverse) 7/85





1)	Date:I	March	14		, 86
2)	Operator's Well No.	ç	Sandusky	r #1	
3)	API Well No.	4 =		-3312	
		State	Cour	nty	Permit

## DIVISION OF OIL & GAS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY. OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELL TY									
				Underground storage/ Deep/ Shallow XX_/) Watershed:Simpson Creek					
5) LOCATIO									7 7 8
									Rosemont 7½'
Addres					CODE .				
Addres					26330	Access to the Address of the Address	Address		
8) OIL & GA			-		<u> </u>		O) DELLING		port, WV 26330
e) UIL & GA	S INSPECT	ok io i Stepher	o Case	rien Lien			9) DRILLING (		
Name Addres		t. #2	. Box	535 <del>-</del> .	n	The second secon			
Addres	<u> </u>	ane L	ew. WV	2	5378	The second secon	Address	Market and the second s	
	~				***************************************	*	( 5 1 2	-	V
10) PROPOSI	ED WELL A	VORK:	Drill	71.41 	_/ Dnii	aeeper	/ Redrill	/ Stimulate	<del>_</del> /
			-				forate new formation		
	1011 510		Other p	nysicai	cnange in w Rens	ren (specny)_ son 4-2-2	-		
11) GEOLOG					000				
12) Esum	ated depth o	i complete	ea well, .				salt, 1240	•	
13) Appr	oximale trata	a aepins:	rresn, _		<u> </u>	1eet;	san,	seet.	/ NoXX/
						£:	s coal being mined in t	ne area? Yes	/ No/
15) CASING	AND TUBI				A1				t.
CASING OR TUBING TYPE		SPEC	IFICATION   Weight	S		FOOTA	GE INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
Conductor	<u>  11_3/ </u>	H-40	42#	X		30	_	-	Kinds
Fresh water	# 1			ļ		·			
Coal	10			ļ					Sizes
Intermediate	8 5/8		1	X		775	775	meat c.t.s.	Kr Kule 15.05
Production	472	J-55	0.5#	X		5000	5000	450 sks	Depths set
Tubing		····						10R Rule	15.0/
Linc.				ļ					Perforations:
***************************************				<u> </u>					Top Bottom
		×*************************************							
	1	***************************************	<u> </u>					10 mm	
							ŧ		
					01	FFICE US	E ONLY		
					DI	RILLING	PERMIT		
	4.5	7-033	-2212	)				Ta.	fomah 20 10 20
Permit number	- X 4	000	0012	2			, , , , , , , , , , , , , , , , , , , ,		larch 20, 1986
Thisis		.11		11 1	<b>1 1</b>				ate
quirements sub o. 8) Prior to t	ject to the co he constructi	nditions of	contained ds. locatio	herein : ons and	ind on the re	everse hereof permitted wo	Notification must be ork. In addition, the	given to the District Oi well operator or his co	ince with the pertinent legal re- il and Gas Inspector, (Refer to intractor shall notify the proper
district oil and	~ .						,		
	work is as de	scribed in	the Notic	ce and A	application,	plat, and rec	lamation plan, subjec	to any modifications	and conditions specified on the
reverse hereof.	Ma	ırch	20. 1	988		1			5
Permit expires						uniess	well work is commend	ed prior to that date an	d prosecuted with due diligence.
			-			C. Crimown	The section of the se		
Bond:	Agent	:   P	lat:	Casi	ng Fe	e WP	CP S&E	Other	
	A 13	L	2	135	3 8416	. ad £	H 42		
L	~~ 1)				18716	1/4/			A
NOTE: Keep	one comp of	thic norm	it nocted	at the s	rilling locati	ion '	YOMA,		
mup	one copy of	with Metrif	posteu				Director, Bi	vision of Oil	and Gas File
		£	eh		Cob- A EDER	TO A MITTER	DDW for instruction	(a. dh	