



WR-35

	CEIV	751
117		87 W

State of Mest Nieginia

DEPARTMENT OF ENERGY
Odl und Bas Bivision

	June 15, 19	87						
Operator's								
Well No	% #1A							
Farm	PETERSON	•						
API No.	47 - 085	- 7583						

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WELL OPERATOR'S REPORT

OF

* # * * * * * * * * * * * * * * * * * *		DRILLIN	G, FRACIUE	RING AND/OR	STIMU	LATING,	OR PHYSICA	L CHANGE	
WELL	TYPE:	Oil X / (If "Gas,	Gas_S/ "Producti	Liquid Inje	ection ergrou	/ Was	ite Disposa ge/ Dec	l/ p/ Sha	ullow_X_/)
IOCAI	:NOI:	Elevation:	942'	Watershe	ed_N	orth For	k Hughes Ri	ver	
		District:	Grant	County	Rite	hie	Quadrang1	e Cairo	7.5'
COMPA	717 A	OYAGER OIL &	GAS CORPO	RATION					
ADDRE	SS_P	.O.Box 183,	Reno, OH	45773	,	Casing	Used in	7 - 54	Cement
DESIG	NATED	MENT Dav	id G. Hanl	on		Casing		Left	fill up
ADDRE	SS 10	8 E.Main St.	, Harrisvi	11e, WV 263	62	Tubing	Drilling	nu Mell	Cu. ft.
SURF	ACE ON	NER Ivan	Banks			Si.ze 20-16			
		oute 1, Petr		26161		Cond.	-		
		GIIS OWNER			-	13-10"			
		430 Chase Rd			44615	9 5/8			
OIL A	AND GI	S INSPECTOR	FOR THIS	WORK Samue	e 1	8 5/8			
Hers	man	ADDRESS	P. O. Bo	x 66	7.0	7		454 '	126
			12/17/86		<u> </u>	5 1/2			
		DAME CED				4 1/2	2042	2028'	82
		OMPLETED_				3			
IF AICONTI		BLE: PLUGG PROGRESSIO VERBAL PE	ING OF DRI	LILING OR		Liners used			
CEDIT	CICAL	TARGET FOR	MATION	*** *********************************	Big In	jun	Dep	th 1853	feet
	Depth	of complet	ed well_	2028 f e	cet R	otary ^y	Cable	2 Tools	
		strata dep							
		seam depths					being mine	સે in tha	. arona No
OPEN	FLOW	מייגת						ים ים פוני	area: No
		cing format	ion !	Big Injun		_		100	•
		-		Mari	E / 3	Pa	y zone dep	th 1889	feet
	.	Initial open	el llow						Bbl/d
		, -		r.L.	f/d	Fi	nal open f	low 5)Bbl/d
	Chabi	a mak ama -	or obeu t	low between	initi	al and f	inal tests	ho	urs
	TF -	.c rock pres	sure	psig(s	urfaœ	measure	ment) after	r24_hou	rs shut in
		mplicable d							
		nd producing			~	Pa	y zone dep	th	feet
	· cuo	Initial op	en tiom	Mc:	t/d	Oil: In	utial open	flow	Bb1/d
		Emer ober	1 110W	Mc:	f/d	Oil: Fi	nal open f	low	Bb1/d
	Chab	Time	or open f	low between	initi	al and f	inal tests	ho	wrtll 6
	SIAC	ic rock pres	sure	psig(su	rface	measuren	ent) after	han	irs shut in

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANCE, ETC.

Perf: 1889' - 1897' w/16, .39" holes

Frac: 18,200 gal 40# Cross-Link Polymer, 365 sx sand

Breakdown: 1800 psig

Avg. Treat: 1550 psig @ 8 BPM

ISIP: 1320 psig



WELL LOG

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

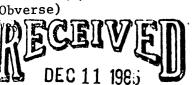
	•		DEPARTMENT		
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas		
(Surface to 10621 and 1	·		Last feet of all das		
(Surface to 1062' not logged)			Coals:		
Shale, Siltstone, Coal	1062	1198	1143' - 1146'		
Second Cow Run Sand	1198	1226	1229' - 1231'		
Shale, Siltstone, Coal	1226	1257	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
First Salt Sand	1257	1328	Show of gas @ 1270' \ 1347' - 1349'		
Shale, Siltstone, Coal	1328	1375	1353' - 1355'		
Second Salt Sand	1375	1421	1368' - 1374' 1440' - 1443'		
Shale, Siltstone, Coal	1421	1531	1445' - 1448'		
Third Salt Sand	1531	1658	Slight show of oil (1463' - 1465' 1505' - 1507'		
Siltstone, Shale	1658	1689	C 1040		
Maxton Sandstone	1689	1789	Very Good show of Oil @ 1710'		
Shale	1789	1791	011 6 1/10		
Greenbrier Limestone	1791	1837			
Greenbrier Sandstone	1837	1849	No. ob		
Shale	1849	1853	No shows		
Big Injun Sandstone	1853	1948	Very good show of gas @ 1890'		
Shale, Siltstone	1948	T. D.	Show of oil @ 1930'		
		ĺ	Driller's T. D. (2042)		
			Logger's T. D. 2042'		
		•			

(Attach separate sheets as necessary)

	OIL & GAS CORPORATION	
Well Operator	Richard Hudson	
By:		
Date:	6/15/87	The state of the s

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





1) Date:	December 2,	19
2) Operator's Well No.	PETERSON #	1A
3) API Well No.	47 - 085 -	7583
	State Count	v Permit

DEC DEC	11 198		ð		ST	ATE OF WEST VI	RGINIA	BLANKET BOND		
				ART	MENT (OF ENERGY, OIL	AND GAS DIVI	SION #P_	004374-087-8	16
DIVISION	OF OIL.	& GAS				TION FOR A WEL		1/ D=	JU4374-U67-6	, O
DEPARTME	NT OF E	NELGY			1-7	VII.				
4) WELL TY	PE: A C	iiX	/ Ga	ısX						**
	B (1	f "Gas", l	Production	3/31	Λ	/ Underground	storage	/ Deep	_/ Shallow	_X_/)
5) LOCATIO	N: Ele	vation: _		42	<u> </u>	Watershed:		Hughes Rive		
		strict:	Grant		辽	County:	Ritchie ()	Z	Cairo 7.5'	2.75
6) WELL OP	ERATOR.	VOYAGE	ER OIL	& GA	S co	DE: 5/590	7) DESIGNATED		ID G. HANLON	[
Addres	s	P. O.	Box 18	33			Address	108 E. M	ain Street	
•		Reno,	OH 45	5773			• '	Harrisvi.	lle, WV 263	62
8) OIL & GA	S INSPEC	TOR TO	BE NOTII	TED			9) DRILLING CO	NTRACTOR:		
Name	Samue1							UTS OPERATION	NS. INC.	
Address	D	. O. E			**************************************		Address	Route 2, Bo		
Address	•		11e, W	IV 2	6178		Address		OH 45732	
				X					X .	
10) PROPOSE	D WELL	WORK:	Drill		∠ Dril	-		/ Stimulate	<u> </u>	
			Plug of	f old f	formatio	n/ Perfor	ate new formation_			
			Other p	hysical	change	in well (specify)				
11) GEOLOG	CAL TAR	GET FOR	MATION		Berea	1 <u>30 E</u>				
12) Estima	ated depth (of complet	ed well,	2	400'	feet				
13) Appro	ximate trat	a depths:	Fresh.	<u>~39</u>	<i>1</i> 7 60	feet; salt	1300	feet.		
I4) Appro		•	•		M/A		A	area? Yes	/ No	Х ,
15) CASING					285				110	
	11		IFICATION				Name of the state	M control of the	l necessor	
CASING OR TUBING TYPE		SPEL I	Weight	, 1		FOOTAGE I	NIEKVALS	CEMENT FILL-UP OR SACKS	PACKERS	
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	<u> </u>	
Conductor	ļ								Kinds	· · · · · · · · · · · · · · · · · · ·
Fresh water	7''			X		430320	430300	To surface	by rule 15.	05
Coal	1				l				Sizes	
Intermediate				,						
Production	43"		9.5#	X		2400'	2400'	As per	Depths set	
Tubing	1		7.5"			2900	2500		XXXXX 15.0	1
	 				l		<u> </u>	Rule	Perforations: DY Z	
Liners	H		l				<u> </u>			
	 				 				Тор В	Octtom
	 								<u> </u>	
					l		<u> </u>		1	
						OFFICE USE O	ONLY			
······································						DRILLING PE	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		· · · · · · · · · · · · · · · · · · ·	
Permit number_		47-08	5-7583				·	Decem	ber 17	19 86
								Da	te	
								d to drill in accordar		
quirements subje	ct to the co	onditions o	contained l	herein a	ınd on tl	ne reverse hereof Not	ification must be giv	en to the District Oil Il operator or his cor	and Gas Inspector.	(Refer to
o. 8) Prior to th	e construct	ion of roa	ds, locatio	ns and	pits for	any permitted work.	In addition, the we	ll operator or his cor	tractor shall notify t	the proper
listrict oil and g	as inspecto	r 24 hours	before ac	tual pe	rmitted	work has commenced	1.)		•	
The permitted w	ork is as de	escribed in	the Notice	e and A	pplication	on, plat, and reclama	ation plan, subject to	any modifications a	nd conditions specif	ied on the
everse hereof.				.= =				4		
Permit expires _		Decem	<u>ber 17</u>	, 198	38	unless well	work is commenced	prior to that date and	prosecuted with due	diligence.
			/				/ /			
			1 1			_	√ √-		•	
Bond:	Agent	: P	lat:	Çasi	ng	Fee WPC7	SAE 1	Other //	7	
1 - 1	fr	75 6	25 F	/X*		248	, 1 / 1	1/1/	///	
	/ 1	- 1/	ر ا		<u> </u>	49		///// /		
							/ / /	//IL //	. //	

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

ector, Division of Oil and Gas

File

NOTE: Keep one copy of this permit posted at the drilling location.