

RECEIVED

NOV 2 2 1982

IV-35

(Rev 8-81)

OIL AND GAS DIVISION



Date Nov. 19, 1982
Operator's
State of Mest Mirginia Well No. P-7

Bepartment of Mines

Oil and Gas Bivision

ram	<u> </u>	Ard	en	поаде	=	
API	No.	47		085		5795

WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL	TYPE:		Gas_X/ I Production						11cw <u> </u>
ICCAT	ION:	Elevation:	1100'	Watershe	ed O	tterslide (Creek		
		District:						e Pullm	an 7 1/2'
		PRENCO			· .		·		
		P.O.Box 91,				Casing	Used in	Left	Cement fill up
		AGENT Denz		er		Tubing	Drilling	in Well	Cu. ft.
ADDRE		Same				Size 20-16	.		
		NER Arder				Cond.			
	SS		•			13-10"			
		GHIS OWNER_	Same			9 5/8		294	surface
ADDRE		a		~~ C		8 5/8			
		S INSPECTOR				7		2590	surface
		ADDRESS_		, vv v	-	5 1/2			
	•	UED 8/2/				4 1/2	·	5227	to 7"
		OMMENCED 8/				3		•	
		OMPLETED 8/		HOLD ON	- ·	2			
CONTI	NUOUS	BLE: PLUGGI PROGRESSION VERBAL PER	FROM DRII	LING OR		Liners useđ			
	CTCNT	MADCETT EXIDA	(ACTON)	D	_ ,	(3)) Dowl	- 1 -	roo foot
		of complete		Devonian s					5500 feet
		strata dept						10015	
		seam depths:	_			<u> </u>		ed in the	area? No
,	war .	seam depuis.	- INO	ne		is coar .	beng nuk		area: No
OPEN 1	FLOW I	DATA cing formati	Alexand on Speed	er, Bradfor	d &	Pay	zone dept	5140, h <u>3350</u>	4400 & feet
(Gas:	Initial ope	en flow	Mcf	E/a	Oil: Ini	tial open	flow	Bbl/d
		Final open	flow _400	Mcf	E/d	Fin	al open fl	Low	Bbl/d
		Time o	of open flo	w between	initi	al and fi	nal tests	ho	urs
	Statio	c rock press	sure 670	psig(st	rface	measurem	ent) after	12 hou	rs shut in
	(If a	pplicable du	e to multi	ple comple	etion-	-)			
. :	Secon	d producing	formation			Pay	zone dept	.p	feet
		Initial ope							
		Final open	flow	Mcf	ē/a	Oil: Fin	al open fl	Low	Bbl/d
		Time o	of open flo	w between	initi	al and fi	nal tests	ho	urs
	Stati	c rock press	sure	psig(sur	face	measureme	nt) after		
			,				(Contir	N 	OV 29 1982

FORM IV-35 (REVERSE)

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

Alexander:

perforated 5124' - 5144' with 40 holes;

fractured with 540 MSCF N2.

Bradford:

perforated 4470' - 4480' with 20 holes

Huma

fractured with 540 MSCF N2.

Speechley:

perforated 3230' - 3396' with 19 holes;

fractured with 540 MSCF N2.

undiff-

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil	0	12	
Sand	12	230	
Sand & shale	230	: 649	<u>.</u>
Shale	649	657	
Sand & shale	657	755	
Sand	755	790	· •
Sand & shale	790	1073	<u>.</u>
Sand	1073	1178	
Sand & shale	1178	1337	
Sand	1337	1360	=:
Sand & shale	1360	1462	<u>.</u>
Sand & Shale .	1462	1550	1
Sand & shale	1550	1704	
Sand	1704	1766	<u>-</u>
Shale	1766	1860	
Sand	1860	1882	
Silt	1882	1976	
Big Lime	1976	2080	
Big Injun	2080	2092	1:
Shaly silt	2092	2276	
Weir	2276	2403	
Shaly silt	2403	2403	
Silty shale	2403	2437	
Berea	2437	2449	
Shaly silt	2448	2562	
2nd Berea	2449 2562	2572	
Shaly silt	2562	2644	5254 5124 4476 3222
Gordon	2572 2644		30/1/16
Shaly silt		2653	-0.25
Fifth	2653 2828	2828	
Shaly silt &	2020 I	2834	Phinest. Huron Up.Dev.
=	2024	5054	I.D. Rhinestreet
silty shale	2834	5254	- 1 . Krinesireei

(Attach separate sheets as necessary)

PREN	CO		
Wel	l Operator		
By:	David W. Batter		•
Date:	Nov. 19, 1982	Geologist	

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 will, encountered in the drilling of a well."

FORM IV-2 (Obverse) (12-81)



	State	County	Permit
API Well !	No. 47	085	5795
Operator's Well No	Hodge	P-7	·
Date:	August :	2 , 19	82

STATE OF WEST VIRGINIA

	DEPARTMENT (OF MINES, OIL	AND GAS DIVISION	
	OIL AND GAS	WELL PERM	IT APPLICATION	· •
VELL TYPE: Oil	X Gas X	•		
(If "Ga	s", Production X	_/ Undergroun	d storage/ I	Deep/ Shallow X_/)
OCATION: Elevation	on: 1100'	Watershed:	Otterslide C	reek
District	Union	County:	Ritchie	Quadrangle: Pullman 7.5'
WELL OPERATOR			DESIGNATED AGENT	Denzil L. Prather
	P. O. Box 91		Address	P. O. Box 91
	Mineral Wells, WV			Mineral Wells, WV 26150
OIL & GAS ROYALTY OWNER	Arden Hodge		COAL OPERATOR	None
	erea, W. Va.	·	Address	
				
Acreage — 1	40		COAL OWNER(S) WI	TH DECLARATION ON RECORD:
_	Arden Hodge		Name	None
•	Berea, W. Va.	* * .	Address	**************************************
Addless				
	140		Name	
FIELD SALE (IF MADE)	•	_	Address	
	Marie Control of the			
Address			COAL LESSEE WITH	DECLARATION ON RECORD:
OIL & GAS INSPECTOR	TO BE NOTIFIED		Name	
	•	•.		
Name Sam Her Address P. O. E				
	lle, W. Va.			
				X
				under a deed/ leaseX
other contract/ da	ated March 1,	, 19 <u>82</u> , to	the undersigned well ope	erator from
(IF said deed, lease, or ot	ther contract has been rec	orded:)		
	.5, 19 <u>82</u> , in the off		of the County Commissio	n of Ritchie County, West
	Book 142 at pag			· · · · · · · · · · · · · · · · · · ·
	ill_X/ Drill deeper_			
•	ug off old formation			
	her physical change in we		•	
Ot	ner physical change in we	in (specify)		
	planned as shown on the	work order on t	he reverse side hereof.	
•	-			ction they wish to make or are required to
				ter the receipt of this Application by the
. •	St be filed with the Departs		(10, 0-35	
Department. Copies of this Permit And	nlication and the enclosed p	lat and reclamati	on plan have been mailed	by registered mail or delivered by hand to
				g or delivery of this Permit Application to
	at Charleston, West Virgi			
PLEASE SUBMIT COPIES GEOPHYSICAL LOGS I	S OF ALL	JEWE	PREN	CO
то:		3 5 7 6200		Well Operation
WEST VIRGINIA OIL A	AND GAS AUG	G 0 % 1982	By Denny	l S. Wather

SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

OIL & GAS DIVISION DEPT. OF MINES

Its ____ Designated Agent

BLANKET BUND

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CO	NTRAC	ror (if	KNOW	۷)		Clint Hur	t			
							n, W. Va.		٠	
					_					
GEOLOGICAL	. TARGE	T FORM	AATION.		Dev	onian Shal	le (Alexan	der)		
								X/ Cab	ole tools	1
							; salt,			
								in the area? Yes	/ No	X/
CASING AND							<i>5</i>			
CASING AND	CODING	, ruo	,							

CASING OR TUBING TYPE		CIFICAT Grade	ONS Weight per ft	New	Used	FOOTAGE	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
nductor	10					300	300	Cement to surface	Kinds	
Fresh Water							`			
Coal									Sizes	**************************************
Intermediate	7					2610	2610	Cement to surface		
Production	4 1/2					5000	5000	Cement to surface	Depths set	
Tubing										
Liners									Perforations:	
Lillers				1	 				Тор	Bottom
		<u> </u>	 	-	1					
	-	-		 	+		<u> </u>			Sign of
previ Code	ously paid \$22-4-8	d on the s a from t Form Iv-2	same wel he owner shall not	l, the force of an	fee required	uired by Code (er well or dwe for fracturing o	\$22-4-12a, and Iling within 20 r stimulating a	22-4-12b and Regulat (v) if applicable, the consideration of the propose well where fracturing Form IV-2 filed in co	consent required ed well. or stimulating is	by : to
			· •					-	. •	
	ERMIT MI									. •
						WITH CHAPTE				
	VED FOR					ation is her Permit shall		;		
						7. 4-3-83				
ВУ		1		_7			• • • • • • • • • • • • • • • • • • •			
	•••••	• • • • • • •	•••••	•••••	•••••					
The	following	waiver r	nust be co	omplei	ted by t	the coal operato permit is to be	or and by any co issued within	al owner or coal lesse fifteen (15) days of	e who has record receipt thereof.	ed a
deci	aration -									
proposed well The undersig	l location. ned has 1	. If a min no object	e map ex ion to th	ists wl e worl	hich co c prope	/ lesso vers the area of osed to be done	the well location	f the coal under this on, the well location hen, provided, the well is.	as been added to	the mine map.
							D.,			
Date:			, 19		_		By			
							lts			