

H.T. HALL - 3-3 Proposition

Pireville

1000



TV-35 (Rev 8-81)

State of West Birginia

Bepartment of Mines Gil and Gas Division

Opera	-		11/04	· · · · · · · · · · · · · · · · · · ·	
Well	No.	on to industry	223		
Farm	W.		Ritter	Lumber	
API N	80. A	7	_ 109	_ 09	929

WEIL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL !	TYPE:	Oil/ (If "Gas,"	Gas_X_/ Product	Liquid ion_X/	Inject. Underg	ion rou	/ Wa md Stor	ste Disposa age/ Dee	1_/ p X / Sha	ıllow/)
LOCAT	TON:	Elevation:	1871.7	Wat	ershed_	Whi	te Oak	Fork of Rock	Castle C	reek
								Quadrangl		
		Chair Chandid							6	
									MANY SECTION AND AND AND AND AND AND AND AND AND AN	
COMPA	NY	Shland Explo	oration.	Inc.						Ţ
ADDRE	S 1	P. O. Box 39	l, Ashlan	d. Ky. 4	11114		Caşing	Used in	Left	Cement fill up
DESIG	NAIED	AGENT For	rest Burk	ett			Tubing	Drilling	in Well	Qi. ft.
	The state of the s	0. Box 156,					Size			
		VER James M			Jewell		20-16 Cond.	491	491	80 sks
ADDRE	SS B02	8 91, Pinevi	lle, W 2	4874			13-10"	86'	85	71 sks
MINER	AL RI	HIS OWNER	Georgia-P	acific (Corp.		9 5/8			888
		Peachtree -					8 5/8	1309'	1309'	315 sks
		S INSPECTOR					7			
St. C	lair	ADDRESS	Box 157,	Brenton	a, WV 24	818				•
Character Street Street Street	Contract of the second second second second	(JED) 4/17/8					4 1/2			1.50
		MENCED :		,	-		3	5263°	5263	150 sks
		MPLETED					2		61041	/R-4 pkr
IF AP	PLICA	BLE: PLUGG	ING OF DE						0104	@ 3827°
		PROGRESSION					Liners			Je 2021
REMOR	KING.	VERBAL PEI	&TT22TCM	OBIALIVE	······································		used			
œoro —	XGICAL	TARGET FOR	ATION_		Ononda	ga	Lime	Dep	th 6425	feet
	Depth	of complete	ed well	6587	feet	F	otary_	X / Cabl	e T∞ls_	
		strata Gept								
		seam depths		•				al being min		area? No
		_				***************************************				
	FLOW !		9				. 97	las sono den	t h 5263	foot
		cing format								Bbl/d
	Gas:	Initial op	-	Marie Control of the						Bb1/d
		Final open						Final open f	***************************************	
brance Confe			-					final tests		
l.		c rock pres							rnou	rs sinc 11
		pplicable d							44	*
materials.		d producing								
•	Gas:	Initial op								Bbl/d
		- .						Final open f		Bb1/d
								final tests		
	Stati	.c rock pres	sure5	30 ps	ig (surfa	100	measur	ement) after	hou	rs shut in

Huror phinestruct

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

Open hole N2 frac Devonian Shale 5263-6400 using 2.6 MMCF N2 @ 100,000 SCF/min

BD @ 3220#, ATP 3240#, ISIP 1740#, 15 min 1740#

Perf Gordon 15H/3708-3714 & 5H/3687-3699. 75 Quality foam frac using 500 gal 15% HCl, 40,000# 20/50 ad, 320 MCF N2. BD @ 1450#, ATP 1400# @ 20 B/M foam. MTP 1600#, ISIP 1000#, 15 min 925#. TL&FW 254 bb1, TSLF 204 bb1.

Perf Big & Little Lime 10H/2807-2814 & 10H/2422-2429. Acidize using 5000 gal 15% HCl. BD @ 1700#, ATP 1900# @ 10 B/M. ISIP 800#, 15 min 800#. TL&AW 164 bbl.

Perf Ravencliff 24H/1422-1440, 6H/1457-1462, 4H/1467-70. 20#/1000 gal gel wtr. Frac using 40,000# 20/40 sd, 600 bbl TL&FW, 430 bbl TSLF. BD @ 2400#, ATP 2500# @ 25 B/M, ISIP 1500#, 15 min 1050#

WELL LOG

FORMATION COLOR HAFD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all free and salt water, coal, oil and ga
Sand Shale Sand & Shale Sand Shale Lower Salt Sand Shale Ravencliff Shale Avia Ls. Shale Sand & Shale Lower Maxton Little Lime Pencil Cave Big Lime Shale Weir Shale Coffee Shale Berea Shale Gordon Devonian Shale Marcellus Onondaga LS	0 105 161 444 514 576 1258 1418 1477 1500 1540 1895 2252 2363 2441 2480 2912 2971 3187 3523 3540 3557 3671 3718 6428 6524	105 161 444 514 576 1258 1418 1477 1500 1540 1895 2252 2363 2441 2480 2912 2971 3187 3523 3540 3557 3671 3718 6428 6524	Fresh wtr @.100' Salt Water @ 596' Gas Gas Gas Gas Gas Gas Gas Ga
DTD 6587 LTD 6575			3557 30 30 expl ftg

(Attach separate sheets as necessary)

ASHLAND EXPLORATION, INC.	
Well Operator	
By: dleuk S. Vina	
Date: August 31, 1984	, exp.

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

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



1) Date: March 30 , 19 84
2) Operator's W. M. Ritter Lumber Co. Well No. 223 - Serial No. 101171

3) API Well No. 47 - 109 - 0929
State County Permit

File

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4)	WELL TY	PE: A	0	1	/ Ga	ıs	<u>X/</u>						
									round s	torage	/ Deep <u>X</u>	_/ Shallow/)	
5)	LOCATIO		Ele	vation: _	1871.	7						stle Creek	
			Dis	trict:	Cente	r		County	r: <u> </u>	Nyoming	Quadrangle:	Matheny	
6)	WELL OP	ERAT	OR_	Ashla	nd Exp			•			AGENT Forres		
	Address			P.O.]	Box 39	1				Address	Box 15		
	_	*****		Ashlaı	nd. KY	41	114					n, WV 24818	
8)	OIL & GA	S INSF	EC	OR TO	BE NOTII	TIED				9) DRILLING C			
•	Name			Arthur	St. C	lair	•			•		illing Company	
	Address			Box 15						Address		gton St., East	
					n, WV	248	118			1 14421 400	Charleston,		
10)	PROPOSE		T 1	304/73	2-6227	. Y	/ D-21	1		/ D - 1.211	/ Stimulate_5	**************************************	
10)	PROPOSE	D WE	۱ سلما	VORK:								19) 5 (C)5 (V)5	
										ate new formation		MISOCIO CI	
	~=~.	~											
11)								iga Lime				APR 2 - 1/16	
		_		-						top of			
								feet;		salt sand		OIL & GAS DIVISION	
									Is coa	al being mined in the	area? Yes	EPTNO OF MINE	
15)	CASING A	ND T	UBII	NG PROC	GRAM						Lens	CLI I. OF IVILIAL	
	SING OR BING TYPE		ı	SPEC	IFICATIONS Weight			FOO)TAGE IN	NTERVALS	CEMENT FILL-UP	PACKERS	
	D4140 111 E	Size	2	Grade	per ft.	New	Used	For drilli	ng	Left in well	OR SACKS (Cubic feet)	THE COLUMN TO TH	
Conc	ductor	13 3	3/8	H-40	48.0	Х		3	0	30	20 sks	Kinds	
Frest	n water												
Coal		8 5	5/8	K-55	24.0	X		131	2	1312	Circulate d	osizeur face NEA	
Inter	mediate											1	
Prod	luction	4 1	12	K-55	10.5	X		524	5	5245	As Needed	Depths set	
Tubi	ng							167	_		by rule		
Line	rs					····					1 29 14/2	Perforations:	

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								OFFICE U				*	
								DRILLIN	G PLI	KMII			
ern	nit number	4	7-1	09-092	29						April 23	19 84	
								-			Dat		
his	permit cove	ring th	e we	ll operato	r and well	locatio	on showi	n below is evi	dence o	f permission grante	ed to drill in accordan	ce with the pertinent legal re-	
uire	ements subje	ct to th	e co	nditions c	ontained l	ierein a	ind on th	ie reverse her	eof. Not	ification must be g	iven to the District Oil	and Gas Inspector, (Refer to	
ictr	8) Prior to the	ie cons	truci	tion of ros	ads, location	ons and	l pits for	any permitte work has com	d work.	In addition, the w	ell operator or his con	tractor shall notify the proper	
he	permitted wo	ork is a	s de	scribed in	the Notice	and A	application	on, plat, and	reclama	tion plan, subject t	o any modifications a	nd conditions specified on the	
	rse hereof.	Ат	ri	1 23,	1986								
ern-	nit expires _	1			1700			unle	ess well v	work is commenced	prior to that date and	prosecuted with due diligence.	
_							- 1						
Bo	ond; wast	A	gent	: V F	Plat:	Casin	ıg	Fee					
December 1	Did Town and good in		11	1 1 2	nul	mi	1) 10	100-			\sim		
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										/_	LI		
										Admi	nistrator Office of O	il and tas	

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