

Longitude

2.005

Latitude

Topo Location

7.5' Loc._____ 15' Loc._____ (calc.)

Company Ferrell Prior

Farm Lewis Wetge ! Hunting Club

15' Quad ______ (sec.)

7.5' Quad Forsom

District Gran

WELL LOCATION PLAT

County 103 Permit 1176



IV-35 (Rev 8-81)



State of Mest Airginia

Bepartment of Mines Gil und Gas Bivision

Date_		ch	27,	1987	
Operat			4		_
Well N	lO•				
Farm_	Dewhu	ırs	t		
APT No	47.	_ 1	03	_ 1176	

DE	PARTMENT OF ENERGY WELL OPERATOR'	S REPORT			
	OF DRILLING, FRACTURING AND/OR STIME		R PHYSICA	L CHANGE	
•					
WEIL TYPE:	Oil_x / Gas_x / Liquid Injection (If "Gas," Production/ Undergrou	n/ Wast und Storag	e Disposa e/ Dee	l/ p/ Sha	ıllow <u>×</u> /)
LOCATION:	Elevation: 1263 Watershed E	Buffalo I	Run of Fi	shing C	reek
	District: Grant County Wetz				
COMPANY	Ferrell Prior				
ADDRESS 4	818 Rosemar Road Parkersburg, W.	Vasina	Used in	Left	Cement
	AGENT Ferrell Prior	Tubing	Į.		fill up Cu. ft.
	818 Rosemar Road, Parkerwburg, W		DITITING	TI METT	cu. it.
CLIDENCE ON	MED Union Truct National Bank	20-16		;	
Trustee ADDRESS	C.Burke Morris Wetzel Hungting Cl	Cond.			!
MINERAL RI	GHTS OWNER John Kerns and Alma				1
Carlin P ADDRESS	igott Pennsylvania	9 5/8	0.50	0.7.0	
OIL AND GA	S INSPECIOR FOR THIS WORK Robert	8 5/8	250	250	To surfa
	ADDRESS Middlebourne, W.Va.	7	ļ		
PERMIT ISS		5 1/2		3083	400 sks
	OMMENCED 4-10-1981	4 1/2			
	OMPLETED 4-15-1981 /	3			
	BLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS	PROGRESSION FROM DRILLING OR	Liners	`		
REWORKING. ON	VERBAL PERMISSION OBTAINED	used			
	Condon and Fif	th Cand	<u> </u>	2200	
	TARGET FORMATION Gordon and Fif		rep	****	feet
	of completed well 3426 feet R			e Tools	
	strata depth: Fresh 60 feet;				
Coal	seam depths: None	Is coal	being mine	ed in the	area? x
OPEN FLOW	DATA Big Injun and Bere	a			
Produ	cing formation Gordon and Fifth S	and Pay	zone dept	-h2258	to326 4eet
Gas:	Initial open flow (Show) Mcf/d	Oil: Ini	tial open	flow (s)	how Bbl/d
!	Final open flow Mcf/d				
	Time of open flow between initi	al and fi	nal tests	ho	urs
Stati	c rock pressurepsig(surface	measurem	ent) after	hou	rs shut in
	pplicable due to multiple completion-				
Secon	d producing formation	Pay	zone dept	<u>-</u> h	feet
Gas:	Initial open flow Mcf/d	Oil: Ini	tial open	flow	Bb1/d
	Final open flow Mcf/d		**.		
 	Time of open flow between initi				
Stati	c rock pressure psig(surface		_		

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

Dowell Frac June 1981



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WELL LOG

					4
		1	Υ	REMARKS	
		1	_ , ,.	TUT PARTO	of all frach
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including	indication	of all fresh
			and salt	water, coal	, oil and gas
					() () () () () () () () () ()
No Record	0	1500			
1st Salt Sand	1500	1540			4
	1540	1620			
Sand		1680			
Shale	1620		ŀ		i.
Lime	1680	1700			1
Slate and Shale	1700	1820			
Sand	1820	2030			1
	2030	2052			•
Maxon Sand	2052	2090			
Little Lime		2230			
Shale	2090				
Big Injun	2230	2330			*
Shale	2330	2400			
Berea Sandstone	2400	2500			2
Shale	2500	2630			
Gordon Stray Sandstone	2630	2690			i.
	2690	2860			
Shale	2860	2900			
Gordon Sandstone			}		
Shale	2900	2950			t I
Murryville Sandstone	2950	3000	İ		Į.
5th Sand	3000	3083	1		
Total Depth	3083		1		
10tai Depen			· I	•	
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ep soon open					
ii V					

(Attach separate sheets as necessary)

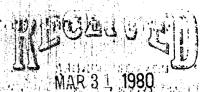
Well Operator	
By: Fluel (Tru	
Date:	
Date:	

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 coul, encountered in the drilling of a well."



DEPARTMENT OF MINES



Oil and Gas Division

OIL & GAS DIVISION

OIL AND GAS WELL PERMIT APPERATIONMINES

	Charleston, W. Va.			March	21	1000	1.0770	eristiji i
	Tania	DA'	TE 1	March	31,	1980		
	Surface Owner Lewis Wetzel Huntin		npany F	errell	L	Prior		
	Address Jacksonburg, West Virgi	nia Add	iress <u>I</u>	0.	Box	1486,	Parke	rsb
	Mineral Owner Alma Carlin Piggott Address Bloomsburg, Pa	Heirs Farm	m Dev	vhurst			Acres_	
	and the second s	Loca	ation (w	aters)	Buff	alo R	un	
	Coal Owner N/A	Well	No	1-A			_ Elevatio	n_1
	Address N/A	Dist	rict Gr	ant			County	
	Coal Operator N/A			Flos				e.
	Address N/A			43.444.1	الله . الله الما الله الله الله الله الله الله			
i	THIS PERMIT MUST BE POSTED AT THE WELL	r 22,						•
C	of the W. Va. Code, the location is hereby appr	oved INSPECT		7D	DI		, T	
f	for drilling This permit shall exp	oire if	MOTIL I		F1	1 + + + + 1	o Lee '	l'rac
c	operations have not commenced by 12-3-80	ADDRESS	SM	iddle	our	. W.	Va. 2	6149
4		PHONE	750	-4573				
C	Deputy Director - Oil & Gas Division GENTLEMEN:	I HONE	756	-43/3		भी भिन्न स्टब्स	1 4 45 1 6 1 4 5 1 6	
	The undersigned well operator is entitled to di	will some about						
, ti	ille inereto. (or as the case may he) under men	4 am lane. J. 4 177 al	L					
	xectutrix for Alma Carlin Pigo	4 am lane. J. 4 177 al	bruar erwes	y 22 rded on				
	sectutrix for Alma Carlin Pigo Metzel Section Wetzel County, Book	or lease datedFelgot (John Under 1988 Pag	bruar enweed e _23!	y 22 rded on	the _2	1 <u>9 79</u> 8th	by Mary	Y Ar Feb
	sectutrix for Alma Carlin Pigo 9 79 in Wetzel County, Book NEW WELL DRILL DE	ot or lease datedFelgot (John Under 58 Pag	bruary AMWA98 ge23! REDRII	y 22 rded on	the _2	1 <u>9 79</u> 8th		Y Ar Feb
	sectutrix for Alma Carlin Pigo Metzel Section Wetzel County, Book	ot or lease datedFelgot (John Under 58 Pag	bruary AMWA98 ge23! REDRII	y 22 rded on	the _2	1 <u>9 79</u> 8th	by Mary	Y Ar Fel
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the coal operators or found thereto by the department and that the same is approved rell operator authorized to proceed.

47-103-1176

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

·	X DRILL	DEEPEN	ra ctu re-stimulate
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGEN	
	er, Inc.		
ADDRESS P. O. Box 178.	Glenville, W. Va.	ADDRESS P. O. I	Box 1486 Parkersburg\V
ESTIMATED DEPTH OF COMP	LETED WELL: _3300	ROTARY X	CABLE TOOLS
PROPOSED GEOLOGICAL FOR			
TYPE OF WELL: OIL_	GAS COM	B. XX STORAG	E DISPOSAL
	RECYCLING	WATER FI	OODOTHER
TENTATIVE CASING PROGRA	M:		the second of th
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FIFE UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250	250	To_surface
7			•
5 1/2			150
4 1/2	-	3300	150 sacks
3			Perf. Top Perf. Bottom
Liners			Perf. Top
			Perf. Bottom
TO DRILL: SUBMIT FIVE (5) COPIE OF PLAT.	S OF OG - 1, \$100.00 PERMIT		BOND AND PERMANENT COPY
	OF OG · 1, SHOWING ORIGIN TO 1929, A PERMANENT COP		AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	ORIGINALLY DRILLED BEFORE T AND ORIGINAL WELL RECO		5) Copies oci • 1, performance
	ORIGINALLY DRILLED ON ANI IUMBER, AND PERFORMANCE E		929, FIVE COPIES OG - 1, SHOW-
Required forms must be fi four (24) hours in advance		mpletion for bond releas	se. Inspector to be notified twenty-
The following waiver must hereof.	t be completed by the coal opera	ator if the permit is to	be issued within ten days of receipt
	gent forined and place on our mine map		ner or Operator of the coal under cation.
	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그		well being drilled at this location,
providing operator he		ations in Articles 4, 5, a	nd 7, Chapter 22 of the West Virginia
			For Coal Company