

6-6 Hendershot-Ogdin (72)

.. . 7 1980



IV-35 (Pev 8-81)

State of West Birginia RECEIVED Bepartment of Mines

Gil und Gas Bivision

Date_	April	19,	1982	<u>.</u>		
	tor's					
Well	No. T	anne	r #2			
Farm	Lonn	ie Ta	anner	•		
API N	b. 47	_	107	_	1019	_

APR 23 1982

APR CONTROL OPERATOR'S REPORT
OIL AND GAS DIVISIONELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL T	YPE:	Oil <u>X</u> / (If "Gas,"	Gas_X/ I Production	iquid Injec on <u>X</u> /Under	tion grou	/ Was nd Stora	te Disposa ge/ Deep	l/ p/ Sha	llow <u>x</u>	_/)
LOCATIO	ON:	Elevation:	870 ' .	Watershed	Sla	te Run				
		_		County			Quadrangle	e Valley	Mills 7	7121
							-			
OMPAN	Y BE	REA OIL AND	GAS CORPORA	TION	-					
ADDRES	S <u>One</u>	Berea Plaza	, PO Box 29	9, Bridgepor	t WV	Casing	Used in	Left	Coment fill u	
DESIGN	ATED	AGENT Th	omas E. Ril	ey, P.E.	-	Tubing	Drilling	in Well	Cu. f	-
		Berea Plaza			-	3126	•			
SURFAC	E OW	NER Lonni	e Tanner		-	20-16 Cend.				
ADDRES	S Rt	. 1, Waverly	, WV		-	13-10"				
MINERA	L RI	GHIS OWNER_	same.		-	9 5/8				
ADDRES	S		same.		-	8 5/8	271.94	271.94'	90 s	Is c
		S INSPECTOR			-		2/11.54	2/11/4	- 20 S	N.S.
Deo Ma	ice	ADDRESS	Rt. 1, Box	65, Sandbri	dge	5 1/2				
PEPMIT	' ISS	UED April	30, 1980		_	4 1/2	2683 331	2683.33'	235 6	ke
DPILLI	14G O	OMMENCED	11/15	/80	-	3	2003.33	2003.33	233 5	KS.
DRILLI	nig a	CMPLETED	11/18	/80	-	2				
		BLE: PLUGG					11 11	05101		
		PROGRESSION VERBAL PER				Liners used	1½"	2519'		
ON					-	usau				
CEXILAT	ICIL	TARGET FOR	MATION	GORD	ON		Dept	th 2800	• <u> </u>	Ecct.
Đ	esth	of complete	ed well	2700' fee	et R	otary X	/ Cable	e Tools_		
	hter	strata đept	th: Fresh_	40' fee	et;	Salt	feet		•	
, •	(al	seam depths	None_			Is coal	being min	ed in the	aren?	No
CHRF								:		
. :	rodu	cing format	ion Gor	don		Pa	y zone dep	th_2245-2	574' 1	feet
		Initial ope								
		Final open	flcw	34 Mcf	/a	Fi	nal open f	low () Bt	o1/d
				w between i						
S	tati	c rock pres	sure 740	psig(sw	rfaœ	measure	ment) after	r 72 hou	rs shut	in.
		pplicable d								
S	Secon	d producing	formation	N/A		Pa	y zone dep	th	f	feet
		Initial op								
				Mcf						
				ow between						
\$	Stati	ic rock pres					•			

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

12/3/80 - Gordon 2553-2570 (25 holes) fraced w/150,000 SCF N2, 450 sks 20/40 & 150 sks 80/100 sand in 970 BBLS. water.

WELL LOG

		1	REMARKS
FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	Including indication of all fres and salt water, coal, oil and ga
Fill & Shale	0	15	
Shale	15	20	
Shale & Red Rock	20.	100	
Red Rock	100	150	
Sand & Shale	150	245	
Red Rock & Sand	245	280	
Sand & Shale	280	300	
Red Rock & Shale	300	310	•
Sand & Shale	310	380	
` Sand	380	408	
Sand & Shale	408	635	
Sand	635	656	
Shale	656	747	
Sand & Shale	747	848	·
Shale	848	860	
Sand & Shale	860	1416	
Shale	1416	1446	
Sand & Shale	1446	1495	
Shale	1495	1594	
Injun	1594	1800	
Shale	1800	1958	
Weir	1958	1993	
Shale	1993	2196	
Berea	2196	2212	
Shale	2212	2245	:
Gordon	2245	2574	•
Shale	2574	2700	T.D. 2700'
	23/1	2,00	2.5. 2,00
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(Attach separate sheets as necessary)

BEREA OIL AND GAS CORPOR	ATION
Well Operator	
By: Thomas & Ziley	Thomas E. Riley, P.E.
Date: April 19, 1982	
	,

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic

detailed geological recent of l formations, including of a well." eval, encountered in th



STATE OF WEST VIRGINIA **DEPARTMENT OF MINES**

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OH & GAS DIVISION

1981

	Oi	il and G	as Divisio	o n		OF MINES
QuadrangNalley Mill Permit No. 47-107-10	19 \ ~	WELL	RECORD		Rotary X Cable Recycling Water Flood Disposal	Gas CombxStorage
Compan <mark>Berea Oil an</mark> Address 652 Empire B Farm Lonnie Tanne	ank Bldg. Cla	urksburg, W.	Va. Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Location (waters)	te kun		Size			•
Well No. 2 District Union	E County	lev.870	20-16			
Phe surface of tract is ov	when in fee by Onn	ie Tanner	<u>Cond.</u> 13-10"			
	-		9 5/8	1		•
Address Rt. 1, Waver	ly, W. Va. Same		8 5/8	271,94	271.94	90 sx.
Mineral rights are owned	by		7			
Address II- Drilling Commenced	15-80		5 1/2 4 1/2	2683.33	2,683.3	235 sx.
Drilling Completed 1			3		+	
Initial open flow	cu. ft	bbls.	À 1½"		2519 1	
Final production $\frac{34}{4}$ Well open $\frac{4}{4}$	cu. ft. per day_	0 bbls.	Liners Used			
resh water 40		Feet.	Sait V	Inche Water 2553-	es 2570 [†]	Feet
Formation Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or	r Water *	Remarks
Sand & Shale		Surface	1 594			
Injun		1594	1800'			- `
Shale	•	1800	2196'			
Berea		2196'	2212'			
Shale		2212'	2245'			
Gordon		2245'	2574'		•	
Shale		2574'	2700'	т.г) .	

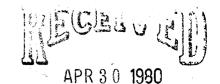
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		,			MAR	' 9 1981

(over)

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
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	•			Date _		
	•		۸	PPROVEDB	erea Oil and Gas	Corp. Owner

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DEPARTMENT OF MINES

OIL & GAS DIVISION DEPT. OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

Charleston, W. Va.		DATE	Apri	1 30, 1980		
Ionnia D. II]ann ar		_	·		
	lanner		-,	ea Oil & Gas		
Address Rt. # 1, Waverly,		_		1 operator		
Mineral Owner Lonnie R.	Tanner et a				Acres	40
Address	-	Locatio	n (waters)	Blate Run		
Coal Owner same as mine	eral owner	Well No	. # 2		_ Elevation	870
Address		District	Union		County_	Wood
Coal Operator		Quadrai	ngleVõ	alley Mills		
Address		·		•		
S PERMIT AFUST BE POSTED AT THE	WELL SITE			•		
provinces being in accordance with (the W. Va. Code, the location is hereb	Chapter 22,	TNCDCcmor				•
This permit sh		INSPECTOR TO BE NOT	rified Paul	L Goodnight		
prations have not commenced by 1-13		10 1101				
Notest T W	4	ADDRESS _	Smithville			
Deputy Director - Oil & Gas Division	•	PHONE	304-477-36	560 - Se	10 mars 10 mm 10 m	Millionan
GENTLEMEN:		المارينيون داريا	with the second			al properties
The undersigned well operator is			V 5 4.	, march and the contract of	er ger	100
	County, Book	735 Page	615		- .	12.
19_80 inWood C XXNEW WELLOIL AND GAS WELL The enclosed plat was prepared	County, Book	735 Page PER RI DRILLED BEFORE	615 EDRILL JUNE 5, 196	FRACTUI	RE OR ST	MULATE
19_80 inOODOODOODOODOOD GAS WELL	County, Book	735 Page PER RI DRILLED BEFORE engineer or licensed	615 EDRILL JUNE 5, 1969 land surveyor at any objection	FRACTULE 9. and all coal ow they wish to	RE OR ST	IMULATE
19_80 in	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received closed plat were on respective add	735 Page PER RI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress	615 EDRILL JUNE 5, 1969 land surveyor at any objection be Department mail, or deliver day	FRACTULE 9. and all coal own 1 they wish to 1 Mines within 2 to the above	make, or an ten (10)	IMULATE r operator re required days. *
NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of this notice and the encor coal owners at their above show same day with the mailing or deliver	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received closed plat were on respective addry of this copy to	735 Page PER RI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress	615 EDRILL JUNE 5, 1969 at any objection of Department mail, or deliver day Mines at Char	FRACTULE 9. and all coal own 1 they wish to 1 Mines within 1 the above	make, or an ten (10) named con before,	IMULATE r operator re required days. *
NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of the above of the above of the above of the code, Copies of this notice and the encor coal owners at their above show same day with the mailing or delivery	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received closed plat were for respective addry of this copy of this copy of the c	735 Page PERRI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress to the Department of	615 EDRILL JUNE 5, 1969 at any objection of the Department mail, or deliver day Mines at Char yours, Mar	FRACTULE 9. and all coal own they wish to of Mines within ed to the above eleston, West Vi	make, or an ten (10) named con before,	IMULATE r operator re required days. *
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NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of this notice and the encor coal owners at their above show same day with the mailing or delivery PLEASE SUBMIT COPIES OF AI GEOPHYSICAL LOGS DIRECTLY WEST VIRGINIA GEOLOGICAL ARECONOMIC SURVEY P. O. BOX 879	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received the condition of this copy of t	735 Page PERRI DRILLED BEFORE engineer or licensed re hereby notified that had by, or filed with the mailed by registered diressto the Department of Very truly (Sign Name)	de DRILL JUNE 5, 1969 at any objection	FRACTURE 9. and all coal own they wish to of Mines within ed to the above leston, West Vi c Schumacher Well Operator Empire Bant oth & Main S	make, or an ten (10) named con before, irginia.	r operators are required days. * al operators or on the
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NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of the code, Copies of this notice and the encor coal owners at their above show same day with the mailing or delivery PLEASE SUBMIT COPIES OF AI GEOPHYSICAL LOGS DIRECTLY WEST VIRGINIA GEOLOGICAL AE ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA AC-304 - 292-6331	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received thosed plat were on respective addry of this copy of this copy of the co	735 Page PERRI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered diressto the Department of Very truly (Sign Name Address of Well Operator	de Department To Mines at Char To Mar To Ma	FRACTURE 9. and all coal own they wish to of Mines within ed to the above leston, West Vi c Schumacher Well Operator Empire Bank oth & Main S Street cksburg, or Town Va. State	make, or an ten (10) named combefore, arginia. RE OR ST	r operators required days. * al operators or on the
NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of this notice and the encor coal owners at their above show same day with the mailing or deliver of the coefficient of	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received the copy of this c	PERRI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress to the Department of Very truly (Sign Name Address of Well Operator	department day	FRACTURE 9. and all coal own they wish to of Mines within ed to the above leston, West Vi control Schumacher Well Operator Empire Band cth & Main S Street cksburg, or Town Va. State	make, or an ten (10) anamed combefore, arginia. The Buildi Streets	r operators re required days. * al operators or on the
NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of this notice and the encor coal owners at their above show same day with the mailing or deliver of the coal owners at their above show same day with the mailing or deliver of the condition of the coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the coal owners at their above show same day with the mailing or deliver or coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at their above show same day with the coal owners at	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received the copy of this c	PERRI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress to the Department of Very truly (Sign Name Address of Well Operator	department day	FRACTURE 9. and all coal own they wish to of Mines within ed to the above leston, West Vi control Schumacher Well Operator Empire Band cth & Main S Street cksburg, or Town Va. State	make, or an ten (10) anamed combefore, arginia. The Buildi Streets	r operators re required days. * al operators or on the
NEW WELL OIL AND GAS WELL The enclosed plat was prepared have been notified as of the above of this notice and the encor coal owners at their above show same day with the mailing or deliver of the coefficient of	DRILL DEE ORIGINALLY by a registered date. ad/or operator as must be received this copy of this	PERRI DRILLED BEFORE engineer or licensed re hereby notified that d by, or filed with the mailed by registered dress to the Department of Very truly (Sign Name Address of Well Operator	department day	FRACTURE 9. and all coal own they wish to of Mines within ed to the above leston, West Vi control Contr	make, or an ten (10) anamed combefore, arginia. The Buildi Streets	r operators re required days. * al operators or on the

Signed by

THIS IS AN ESTIMATE ONLY

ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO			
DRILLING CONTRACTOR: (If		RESPONSIBLE AGEN	T :
NAME		_ NAMEMark S	Schumacher
ADDRESS		_ ADDRESSClarks	sburg, W. Va.
TELEPHONE		TELEPHONE 304-	-624-6429
ESTIMATED DEPTH OF COMPL	ETED WELL: 2800'	ROTARY XX	_ CABLE TOOLS
PROPOSED GEOLOGICAL FORM	MATION: Gordon	-	
TYPE OF WELL: OIL_	XX GAS XX	COMB. XX STORAG	GE DISPOSAL
	RECYC	LING WATER F	LOODOTHER
TENTATIVE CASING PROGRAM		•	
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			·
3 - 10			
0 - 5/8			
3 - 5/8 XX	250	250	Surface
1			
5 ½ XX	m p	m p	400'
3	T. D.	T. D.	Perf. Top
2 -			Perf. Bottom
iners			Perf. Top
· · · · · · · · · · · · · · · · · · ·			Perf. Bottom
S COAL BEING MINED IN THI O DRILL: SUBMIT FIVE (5) COPIES OF PLAT.	OF OG - 1, \$100.00 PERI	BY WHOM?	
O DRILL: SUBMIT FIVE (5) COPIES OF PLAT. O DRILL DEEPER OR REDRIL SUBMIT FIVE (5) COPIES OF WELLS DRILLED PRIOR T MUST ALSO BE SUBMITTE OFRACTURE - STIMULATE: OIL AND/OR GAS WELL OF BOND, PERMANENT PLAT	OF OG - 1, \$100.00 PERM L: OF OG - 1, SHOWING ORIGINATED. RIGINALLY DRILLED BEF	BY WHOM?_ MIT FEE, PERFORMANCE GINAL PERMIT NUMBER A COPY OF THE PLAT AND ORE JUNE 5, 1929, FIVE (5	BOND AND PERMANENT COPY AND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORN COPIES OG - 1, PERFORMANCE
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