

MCGRAW

241

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION CHARLESTON

rorm IV-35	•	- 	• • • • • • • • •				Well No.	1 G.E. Clay
[08-78]				WELL	OPERATOR'S R	EPORT 34	API We)	No. <u>27 - 081 -04,</u> State County Pe
[00-76]	DRILL	ING, FA	ACTURI	HG AL	ID/OR STIMULAT	ING, OR FE	SICAL CHANGE	State County Pe
*	•					22 1 1		47
TYPE: 011	/ _ c	as X	/ L10	quid	Injection	_/ Waste	Disposal/	
							Deep/	
TION: Elevat	ion:	1931		Wa	tershed: Be	e Branch of	Sand Run	
Distri	ct: <u>M</u>	arsh For	k	Co	ounty: Raleig	<u>h</u>	Quadrangle:	Arnett
	Mon	itor Pot	roteum	Corr	oration m		Fugene f	Proitt
-					•			· · · · · · · · · · · · · · · · · · ·
Address					•	Address	P.O. Bo	
	IVEW	York,	IVeW 1	OFK	10017		belingto	n, W_Va. 26250
ITTED WORK: D	rill :	X / Co	nvert	,	Drili deepe	r / Re	dr111 / Fr	acture or stimulate
	Plug off	old fo	rmatio	ın	/ Perforat	e new form	ation:	
	in, Ither of	vsical	chanse	10.3	well (specify)	1		
	Tener pr	::	,		and an arrest of			
•			•					
AIT ISSUED ON	<u>Ap</u>	oril 17	·	. 19_	79	OIL & GAS I	NSPECTOR FOR THE	S WORK:
APPLICABLE: CONTINUOUS P	PLUGGING ROGRESS	G OF DR	Y HOLE	ON	; OR	Name L	eroy Hopkins	
REWORKING.	VERBAL	PERMISS	ION OBT	PAINE	D		s Ansted	
<u> </u>	<u> </u>	19					W. Va.	
LOGICAL TARGET	FORMAT	ION:	Weir				Depth	3000 feet
Depth of com	pleted '	well, <u>3</u>	356		feet Rot	ary_X_/	Cable Tools	··
Water strata	depth:	Fresh	»	fee	t; salt,	feet.		· !
Coal seam de	pths:	None	e :		Is coal be	ing mined i	n the area? No	2
								, 4 19 <u>79</u>
	SPEC	IFICATI			FOOTAGE 1		CEMENT FILL-: OR SACKS 11 (Cubic feet)	
luctor 16"	<u> </u>	ļ	X.		30'	30'	to surface	Kinds
h water	<u> </u>	ļ				i		
	<u> </u>	ļ						Sizes .
rmediate 8 5/1	34 K40	<u> </u>	X		1220'	1220'	150 sx	
uction 41/2	<u>≻'' K40</u>	10.5	X		3350'	3350'	330 sx	Depths set
n g								
rs		<u> </u>						Ferforations:
								Top Setter
		1	1					
		1.			`			
		<u> </u>	.L			<u> </u>		
FLOW DATA				•				•
Producing fo	rmation		Weir S	and	a		Pay zone dep	th 2988 [70
Gas: I	nitial (open fl	ow, 🧲	130	Mcr/do	Dil: Initi	al open flow,	0 Eb1/d
F	inal op	en flow	•	•	Mc f/d	. Final	open flow, _	0 Bb1/d
							ests, 4 hou	
[If caplicab							<u></u> X	SOUTH WITH WITH
Second produ		•		•	_		Day	th 1662 fee
						* * * * * * * * * * * * * * * * * * * *		
		en flow		*	Mc1/d	14	ial open flow, _	•
•			-		- 	1	l open flow,	<u>0</u> 561/4
.	-117	e or ob	777 110	# OFT	ween initial	end 1)UBT ;	ests, 4 hou	days shut the 16 1980
Static	LOCK LL	rasure,	100	F	ang (Surface	measurer.en	17 Tree30_ k	xxx shut Tñ ¯

∵(n 1V-35 Reverse) ິ8-78]

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

Ravencliff Perfs.

1635'-63' w/15 shots

Frac w/300 sx 80/100 sd 180 sx 20/40 sd

Weir Perfs.

2970'-90' w/13 shots

ELL LOG

FORMATION	Color	llard or Soft	3∜ Top Feet	Bottom Feet	Remarks Including indication of all free and salt water, coal, oil and pro-
Sand & Gravel .	Light		0 0	30	No Coal
Lime & Shale	Brown		30	148	
Sand & Shale	Dark		145	265	
Sandy 'Lime:	Dark		265	653	
Sand & Shale	Dark	-1	653	990	
Sandy Lime	Dark	ł	990	1316	
Sand & Shale	Dark	· ·	1316	1421	
Sands	Dark		1421	1560	
Lime & Silts	Dark		1560	1626	· ·
Ravencliff Sd.	White		1626	1664	
Avis Ls	Brown		1664	1682	
Silts & Shale .	Dark		1682	2148	
M. Maxon Sd.	Tan		2148	2206	
Silts & Shale	Dark		2206	2244	
L. Maxon Sd.	Dark	1	2244	2350	
Silt & Shale	Dark		2350	2526	
Big Lime	Dark		25 26	2956	
Weir Sd.	Tan		2956	2998	-
Sand & Shells	Brown]	2998	3356	TD
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(Attach separate sheets to complete as necessary)

Monitor Petroleum Corporation
Well Operator

Sprill Sollinger

Its President

Regulation 2.02(i) provides as follows: NOTE:

"The term 'log' or 'well log' shall mean a systematic, detailed peologial record of all formations, including coal, encountered in the drilling of a well."

* Co-mingled CAOF 150 mcf/d

APR 1 7 1979

Oil and Gas Division

DEPT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES, Charleston, W. Va.	40 4 2 4 2 7 4 0 7 0
	DATE12 April,1979
Surface Owner G.T. Werkman	Company Meniter Petroleum Cerp.
Address 1	Address 489 Fifth Ave. New York, N. Y. 1001
Mineral Owner Gee. E. Clay e.	· · · · · · · · · · · · · · · · · · ·
Address Glen Daniels.W.	`1 '
Coal Owner Same	Well No. 1 Elevation /9/5.8
Address	District Marsh Fork CountyRaleigh
Coal Operator nane :	Quadrangle, Arnett
THIS PERMIT MUST BE POSTED AT THE WEL	L SITE
All provisions being in accordance with Chapt of the W. Va. Code, the location is hereby app	er 22, proved
for <u>drilling</u> . This permit shall experienced by 12-18-	79 TO BE NOTIFIED General Delivery Ansted, WV 25812
NOTE + T ALL	, ADDRESS Ph. 658-4280
Deputy Director - Oil & Gas Division	PHONE
GENTLEMEN:	•
	drill upon the above named farm or tract of land for oil and gas, having fee
The undersigned well operator is entitled to c	drill upon the above named farm or tract of land for oil and gas, having fee nt or lease dated 9 August 1973 by Geo. E. Clay as Trans. and recorded on the First cay opctober
The undersigned well operator is entitled to dittile thereto, (or as the case may be) under granted to columbia G	as Trans. and recorded on the First cay operate of the second of the sec
The undersigned well operator is entitled to distille thereto, (or as the case may be) under gracet al made to Columbia Gracet al Raleigh County, Book	nt or lease dated 9 August 1973 by Geo. E. Clay as Trans. and recorded on the First cday of Ctober 38 Page 72
The undersigned well operator is entitled to dittile thereto, (or as the case may be) under gracet al made to Columbia Gracet al County, Book NEW WELL DRILL D	nt or lease dated 9 August 1973 by Geo. E. Clay as Trans. and recorded on the First cay opctober 38 Page 72 EEPER REDRILL FRACTURE OR STIMULATE
The undersigned well operator is entitled to dittile thereto, (or as the case may be) under gracet al	to lease dated 9 August 1973 by Geo. E. Clay as Trans. and recorded on the First day of the First d
The undersigned well operator is entitled to dittile thereto, (or as the case may be) under gracet al made to Columbia Gracet al made to Columbia Gracet al made to Columbia Gracet al made to County, Book X NEW WELL DRILL DOIL AND GAS WELL ORIGINALIAND GAS WELL ORI	nt or lease dated 9 August 1973 by Geo. E. Clay as Trans. and recorded on the First cay opctober 38 Page 72 EEPER REDRILL FRACTURE OR STIMULATE
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The undersigned well operator is entitled to detitle thereto, (or as the case may be) under gratet al made to Columbia Gratet al made to Columbia Gratet al made to County, Book New Well Drill AND GAS Well Originalis The enclosed plat was prepared by a registered have been notified as of the above date. The above named coal owners and/or operator to make by Section 3 of the Code, must be received as of this notice and the enclosed plat we coal owners at their above shown respective	Trans. and recorded on the First ray of of the second of the First ray of the second o
The undersigned well operator is entitled to dittle thereto, (or as the case may be) under gratet al made to Celumbia Gratet al made to County, Book Medical Drille Dri	Trans. and recorded on the First day of teber 38
The undersigned well operator is entitled to contitle thereto, (or as the case may be) under grainet al made to Columbia Grander and the Columbia Grander and the columbia Grander and the enclosed plat was prepared by a registered to make by Section 3 of the Code, must be received and the enclosed plat well and the en	Trans. and recorded on the First day of teber 38
The undersigned well operator is entitled to contitle thereto, (or as the case may be) under grainet al made to Columbia Grander and the Columbia Grander and the columbia Grander and the enclosed plat was prepared by a registered to make by Section 3 of the Code, must be received and the enclosed plat well and the en	Trans. and recorded on the First day of teber 38
The undersigned well operator is entitled to detitle thereto, (or as the case may be) under gracet al made to Columbia Gracet al Columbi	Trans. and recorded on the First day of the page 72 EEPER REDRILL FRACTURE OR STIMULATE LY DRILLED BEFORE JUNE 5, 1969. Red engineer or licensed land surveyor and all coal owners and/or operators are hereby notified that any objection they wish to make, or are required ived by, or filed with the Department of Mines within ten (10) days. * The mailed by registered mail, or delivered to the above named coal operators address day before, or on the by to the Department of Mines at Charleston, West Virginia. Very truly yours, Meniter Petroleum Cerp. (Sign Name) Meniter Petroleum Cerp. Well Operator P. O. Bex 2683
The undersigned well operator is entitled to detitle thereto, (or as the case may be) under gracet al made to Columbia Gracet al Columbi	nt or lease dated 9 August 1973 by Gee. E. Clay as Trans. and recorded on the First day of of the page 72 EEPER REDRILL FRACTURE OR STIMULATE BEFORE JUNE 5, 1969. Ed engineer or licensed land surveyor and all coal owners and/or operators are hereby notified that any objection they wish to make, or are required ived by, or filed with the Department of Mines within ten (10) days. The mailed by registered mail, or delivered to the above named coal operators address ———————————————————————————————————
The undersigned well operator is entitled to contitle thereto, (or as the case may be) under granted at al made to Columbia Granted at al made to Columbia Granted at al made to County, Book and Medical Drill Drill Drill Drill Drill Drill Drill Drill Drill AND GAS WELL ORIGINALIST The enclosed plat was prepared by a registered have been notified as of the above date. The above named coal owners and/or operator to make by Section 3 of the Code, must be received by the complex of this notice and the enclosed plat we core coal owners at their above shown respective same day with the mailing or delivery of this complex Submit Copies of ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879	nt or lease dated 9 August 1973 by Gee E Clay as Trans. and recorded on the First day of the Department of Mines at Charleston, Well Operator New York Trans. and recorded on the First day of the Department of Mines within ten (10) days. The mailed by registered mail, or delivered to the above named coal operators address day before, or on the New York Trans. New York Trans. and recorded on the First day of the Department of STIMULATE FRACTURE OR STIMULATE Address day of the Department of Mines within to make, or are required in the substitution of the Department of Mines at Charleston, West Virginia. Very truly yours, Meniter Petroleum Corp. (Sign Name) Well Operator P.O. Bex 2683 Street Charleston
The undersigned well operator is entitled to detitle thereto, (or as the case may be) under gracet al made to Columbia Gracet al Columbi	nt or lease dated 9 August 1973 by Gee. E. Clay as Trans. and recorded on the First day of of the page 72 EEPER REDRILL FRACTURE OR STIMULATE LY DRILLED BEFORE JUNE 5, 1969. In the definition of the part of the page of t
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*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

47-081-0471

PERMIT NUMBER

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

PROPOS	ED WORK ORDER TO		DEEPEN I	i i		
DRILLING	G CONTRACTOR: (If	Known)	RESPONSIBLE AGENT	No. of the second second		
NAME	Falcen Drlg Ce	<u> </u>	NAME W.E. Bennett			
ADDRESS	Charlesten.	w.Va.	ADDRESS Box 2683. Charleston, W. Va.			
TELEPHO	NE 343-054	2	TELEPHONE345-	-0216		
			ROTARY X			
		MATION: Weir Sd		•		
			COMB STORAG	E DISPOSAL		
		• • •	LING WATER FL			
	VE CASING PROGRAI	M: USED FOR	LEFT IN	CEMENT LILL CP		
CASI	SIZE	DRILLING	WILL	OR SACKS - CUBIC LT.		
20 - 16	16*	30 °	30 °	te surface		
13 - 10				ZX:		
9 - 5/8	٧.			≟ \$1.		
8 - 5/8	8 5/8	1400	1400	te surface		
7						
5 1/4	· · · · · · · · · · · · · · · · · · ·		00001			
4 1/2	43	3300 •	33001			
3		<u> </u>		Perf. Top Perf. Bottom		
Liners				Perf. Top		
				Perf. Bottom		
			<u> </u>			
APPROXII	MATE COAL DEPTHS	550°, 630°, 760	•.910•	FEET		
ro drili		**				
SUB		OF OG - 1, \$100.00 PERM	MIT FEE, PERFORMANCE E	SOND AND PERMANENT COPY		
SUB) WEL	DEEPER OR REDRII MIT FIVE (5) COPIES LS DRILLED PRIOR T T ALSO BE SUBMITTI	OF OG - 1, SHOWING ORIG FO 1929, A PERMANENT (GINAL PERMIT NUMBER AI COPY OF THE PLAT AND	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD		
TO FRAC	TURE - STIMULATE:					
OIL BON	AND/OR GAS WELL O D, PERMANENT PLAT	RIGINALLY DRILLED BEFO	ORE JUNE 5, 1929, FIVE (5)	COPIES OG - 1, PERFORMANCE		
OIL . ING (AND/OR GAS WELL O ORIGINAL PERMIT NU	RIGINALLY DRILLED ON A MBER, AND PERFORMANC	AND/OR AFTER JUNE 5, 192 E BOND	29, FIVE COPIES OG - 1, SHOW-		
Requ four	ired forms must be filed (24) hours in advance.	d within ninety (90) days of	completion for bond release.	Inspector to be notified twenty-		
The hereof.	following waiver must	be completed by the coal or	perator if the permit is to be	issued within ten days of receipt		
WAIVER:			Coal Company, Owner	r or Operator of the coal under		
	We the	Coal Company	have no objections to said w	vell being drilled at this location,		
	providing operator has c Code.	complied with all rules and re	gulations in Articles 4, 5, and	7, Chapter 22 of the West Virginia		
			<u></u> 1:	or Coal Compuny		
			<u> </u>	(Mileia) Tista		