



IV-35 (Rev 8-81)

State of Mest Airginia

Department of Mines
Dil und Gas Division

Date	May 2	1, 198	34	
Opera	tor's			
Well	No	2		
Farm	Brad	ford		
_	ю. 47-			1198

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIME	LATING, C	R PHYSICAL	CHANGE	
WELL TYPE: Oil X / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	ind Storag	ge/ beet	L/ b/ Sha	llow/)
LOCATION: Elevation: 608' Watershed	Ohio Ri	ver		_
District: Williams County Wood		_Quadrangle	Parkers	burg
2.1 1.0 - Comp				
COMPANY Energex Oil and Gas Corp.	T	1 , .	- 61	Cement
ADDRESS Box 905 Marietta, OH 45750	Casing	Used in		fill up
DESIGNATED AGENT Sherry Barker	Tubing	Drilling	in Well	Cu. ft.
ADDRESS Box 905 Marietta, OH 45750	Size 20-16			
SURFACE OWNER River Land Associates	Cond.			
ADDRESS Box 5306 Vienna, WV 26105	13-10"			
MINERAL RIGHTS OWNER River Land Associates	9 5/8			
ADDRESS Box 5306 Vienna, WV 26105	8 5/8	250'	250'	Surface
OIL AND GAS INSPECTOR FOR THIS WORK Deo	7			
Mace ADDRESS Rt. #1, Box 65 Sand Ri	5 1/2			
PERMIT ISSUED December 1, 1981	4 1/2		3503'	210 SKS.
DRILLING COMMENCED January 9, 1982	3		1	
DRILLING COMPLETED January 14, 1982	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION Devonian Shall	.e	Dep	oth 4000)feet
Depth of completed well 3651 feet	Rotary	X / Cabl	e Tools	
Water strata depth: Fresh 16 feet;				
Coal seam depths: None		l being mir	ned in the	e area? No
	-			
OPEN FLOW DATA	_	•		, 500t
				feet
Gas: Initial open flow 15 Mcf/d	Oil: I	nitial oper	n flow_Tr	race_Bbi/d
Final open flow 2 Mcf/d				
Time of open flow between ini				
Static rock pressure 325 psig(surfa	ce measur	ement) aft	er 72 ho	urs shut ir
(If applicable due to multiple completio				
Second producing formation	P	ay zone de	pth	feet
Gas: Initial open flowMcf/d	Oil: I	nitial ope	n flow	Bbl/c
				Bbl/d

Time of open flow between initial and final tests____

Static rock pressure _____psig(surface measurement) after _____hours shut in

hours

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

8 SHOTS . 1870'-1874' 8 SHOTS **Bere**

Hydraulically Fractured with 25,000 lbs. of sand.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Sand and Shale Shale Sand Shale	0 250 290 308 318 350 384 452 568 614 690 706 740 850 946 1056 1104 1130 1140 1246 1270 1314 1320 1342 1366 1500 1876 1882	250 290 308 318 350 384 452 568 614 690 706 740 850 864 946 1056 1130 1160 1210 1246 1270 1314 1320 1342 1366 1500 1830 1876 1882 3651	Gas and Oil To in Haren

(Attach separate sheets as necessary)

By: Robert C. Kirkbride President

Date: May 21, 1984

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 earl, encountered in the drilling of a well."

(Obverse)

(Revised 3-81)



Farm	Diagram	
API	147 - 107 - 1198	
Date	December 1, 1981	

STATE OF WEST VIRGINIA OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

IL AND GAS WELL PERMIT APPLICATION

DIL AND GAS WELL P	FRMILAPPLICATION
WELL TYPE: 011 x / Gas x /	
(If "Gas", Production X / Under	erground storage / Deep / Shallow X /
LOCATION: Elevation: 608 Watershe District: Williams County:	
Grand Control of the	
WELL OPERATOR Energex Oil & Gas Corp.	DESIGNATED AGENT Walter H. Allen Address P.O. Box 5306
Address P.O. Box 5306 Vienna, WV 26105	Address P.O. Box 5306 Vienna, WV 26105
OIL AND GAS	
ROYALTY OWNER River Lnad Associates	COAL OPERATOR N/A
Address P.O. Box 5306	Address
Vienna, WV 26105 • Acreage 21	
	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER River Land Associates	NAME N/A
Address P.O. Box 5306 Vienna, WV 26105	Address
Acreage 21	NAHE
•	Address
FIELD SALE (IF MADE) TO:	
NAME N/A Address	COAL LESSEE WITH DECLARATION ON RECORD:
Address	NAME N/A
the state of the s	Address
OIL AND GAS INSPECTOR TO BE NOTIFIED:	
NAME	RECEIVED
NAME Deo Mace Address Route 1 Box 65	
Sandridge, WV	DEC 2 9 1981
Telephone 304-665-8693	OIL AND GAS DIVISION WY DEPARTMENT OF MINES
	WY DEPARTMENT OF MINES
above location under a deed / lease X to the undersigned well operator from Riv (If said deed, lease, or other contract has Recorded on December 8, , 1981, in the off	been recorded:) Fice of the Clerk of County Commission of
Wood County, West Virginia, in	764 Book at page 685. A permit is
requested as follows: PROPOSED WORK: Drill X / Drill Deeper	/ Redrill / Fracture or stimulate X
	/ Perforate new formation /
Other physical change in	well (specify)
· · · · · · · · · · · · · · · · · · ·	e work order on the reverse side hereof. , and coal lessee are hereby notified that any
	to make by Code \$22-4-3 must be filed with the
	s after receipt of this Application by the Dept
	and to the above named coal operator, coal own-
er(s), and coal lessees on or before the day to the Department of Mines at Charleston, We	y of the mailing or delivery of this Applications virginia.
PLEASE SUBMIT COPIES OF ALL	
GEOPHYSICAL LOGS DIRECTLY TO:	ENERGEX OIL AND GAS CORPORATION Well Operator
WEST VIRGINIA OIL AND GAS	
EONSERVATION COMMISSION 1613 WASHINGTON ST., E.	: Warrell R Boice
CHARLESTON, WV 25311 Telephone - 304/348-3092	AGENT

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CO	NTRACT	OR (IF	KNOWN)	Pa	aul Dr	illing Co	rporation		•
		A	ddress	P	.O. Bo	x 5306		\	
	•		•	Pa	arkers	burg, WV	26101		
GEOLOGICAL Estimate Approxim Approxim Is coal	d depti ate was ate coa	h of co ter str al seam	mpleted ata dept depths:	well_ hs:	4,000 Fresh	200	feet;	ry x / Cabl	e tools / _feet.
CASING AND CASING OR TUBING TYPE			M CIFICATI Weight			4		CEMENT FILL- UP OR SACKS	
	Size	Grade	per ft	New	Used	ling	Well	Cubic ft.	
Conductor	ļ			ļ					Kinds
Fresh water	8-5/8	ST&C	24	X	ļ	250	2 50	To Surface	Sizes
Coal Intermed.	<u>i</u>								1 2 2 2
Production	14-1/2	ST&C	9-1/2	Х			4000	125 SKS	Depths set
Tubing	1								
Liners									Perforations:
				<u> </u>	<u> </u>				Top Bottom
	-							,	
		· · · · · · · · · · · · · · · · · · ·		·	L	<u> </u>		<u> </u>	
822-4 posed A sep where	-8a fro well. arate i fracti	om the C Form IV uring o	owner of -2 shall r stimul	any i not i ating	vater be red is to	well or quired fo be part	dwelling or r fractur of the w		et of the pro- ating a well a permit is
All province of the W.	Ya. Codi 11an	, the loca	tion is here!	pa abbi	oved				
for dri	dva not		DH)		oire if			ewer)
or continuous to the undersign ocation has been decided in the lighted has not continuous to the lighted has	ned co exami well l o obje r has	see who sued wi al oper ned thi ocation toomplie	has rec thin fif ator_ s propos , the we o the wo d with a	orded teen lown ed we lllo ork pr	a dec (15) a W A I er II lo cation	claration days of r VER lessee cation. n has bee d to be d	under Colectipt the formula of the mine one at the formula of the	de \$22-4-20, ereof: the coal undermap exists to the mine mine mine mine mine mine mine min	any coal owner if the permit er this well which covers the ap. The underprovided the irginia Code and
Bate:		. 19		· · ·	•				
- Challenger of the Children o	rear ferman til store blette fredskrivet f	······································			В	y:			

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm name:	Neale, Char	les	Operator We	ll No.: <u>Brad</u> :	ford #2	
Dis Lati	vation: 608 trict: William itude: 4610 gitude: 2350	Feet South	County: of _39_Deg2	Wood 22 Min	<u>_30</u> Sec.	
Well Type: OIL	GAS <u>χ</u>	·				
_P.	lauser Well S O. Box 829 Brietta, OH		Coal Operator or Owner Coal Operator			 _ _
Agent: _Stanle	ey Wilson		or Owner			
	Ate:07/07/20 VEST VIRGINIA, Wood Service, Inc.		AFFIDAVIT	en de la companya de	SEP 2	Cof Oil & Gas co of Chief
law depose and employed by the say that said v	say that they ar above named w	e experienced in vell operator, an inced on the	n the work of p d participated in	lugging and fil the work of plu	ng first duly on the ling oil and gas was giging and filling, 2006, and	vells and were the above well
TYPE	FROM	ТО	PIPE RE	MOVED	LEFT	
15Sks Cement	1959 - TD	1800				
Gel 30Sks Cement Gel	1800 500 500	600 500 150	600' 4½'	'Casing	2903' 4½ C	asing
45Sks Cement	150	Surface			250' 8 5/	8" Casing
And further de Sworn and sul My commissio	g said well was components saith not be said well was considered by the said was considered by the sai	e this 2011 Notary Public /	11th day of A	Permit No. I	Date and that the	MARCY ELLIS, Notary Public in and For The State of Ohio y Commission Expires May 30, 20
Affidavit reviewed	by the Office of 0	Oil and G ås:/ Title: /	Estict	los pelo		