RECEIVED

IV-35 (Rev 8-81) JUN 24 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES



State of Mest Birginia

Bepartment of Mines Gil und Gas Bivision

	June 18	3, 198	2			
Operator's Well No. #1						
	Donald		n			
API No	. 47 -	001	- 1668			

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	/ Wast	e Disposa e/ Deep	L/ p/ Sha	illow <u>x</u> /)				
LOCATION: Elevation: 1528 Watershed	Sandy Cri:	ik						
District: Cove County Barbo			Cole	bank				
COMPANY Eastern Overthrust Drilling								
ADDRESS P.O. Box 600 Anmoore, WV 21323	Casing	Used in	Left	Cement				
DESIGNATED AGENT Richard Hinkle	Tubing	Drilling	in Well	fill up Cu. ft.				
ADDRESS P.O. Box 600 Anmoore, Wy 21323	Size							
SURFACE OWNER Donald Bowman	20-16							
ADDRESS	Cond.	1.5.5		To surface				
MINERAL RIGHTS OWNER Donald Bowman	11 3/4	155	155	300				
ADDRESS	9 5/8	10/1	70/7	lo surface				
OIL AND GAS INSPECTOR FOR THIS WORK Bob	8 5/8	1941	1941	400				
Stewart ADDRESS Jane Lew. WV	7			-				
PERMIT ISSUED 12-7-82	5 1/2	5544	5544	484 Sks				
DRILLING COMMENCED 12-13-81	3	3344	3344	404 SKS				
DRILLING COMPLETED 12-29-81			4800	on				
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2		4000	packer				
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners							
REWORKING. VERBAL PERMISSION OBTAINED ON	used			1				
GEOLOGICAL TARGET FORMATION Elk		Dep	th .	5400 feet				
Depth of completed well .5550 feet 1								
Water strata depth: Fresh 130 feet;	Salt 34							
Coal seam depths: 130-140, 447-453, 475-48	33 Is coal	being min	ed in the	area?no				
OPEN FLOW DATA			9					
Producing formation Elk, Benson, Balltown	Pay	zone dep	th 5175-5	205 feet				
Gas: Initial open flow smell Mcf/d	Oil: Ini	tial open	flow	none Bbl/d				
Final open flow 140 Mcf/d Final open flow show Bbl/d								
Time of open flow between init:	ial and fi	nal tests	4 ho	nirs				
Static rock pressure 1200 psig(surface	e measurem	ent) afte	r 72 hou	rs shut in				
(If applicable due to multiple completion)							
Second producing formation_	Pay	zone dep	th	feet				
Gas: Initial open flow Mcf/d				Bbl/d				
Final open flow Mcf/d	Oil: Fir	al open f	low	Bbl/d				
Time of open flow between init	ial and fi	nal tests	ho	urs				
Static rock pressurepsig(surface	measureme							
		(Conti	zie on re	JUN 28 1987 verse side)				

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

3-7-81						
E1k	(4555-5421)	22	Sand 65,000	BBL 650	PSI 3900#	Water Frac
Benson-Elk	(4009-4317)	17	80,000	634	3950#	Water Frac
Balltown	(3094-3239)	29	55,000	830	2500#	Foam Frac

WELL LOG

					REMARKS
FORMATION	COLOR HARD OF	RSOFT	TOP FEET	BOTTOM FEET	Including indication of all fresh
					and salt water, coal, oil and gas
			ļ		
Shale	gr	s	0	138	Water at 345', 460' & 510'
Coal	ъ1	s	138	140	
Shale	gr	S	140	447	Check gas at TD, No show
Coal	ь1	S	447	453	
Shale	gr	S	453	507	
Sand 🐭	W	h	507	650	
Shale	gr & red	S	650	786	
Sand	w	h	786	830	
Shale	red & gr	S	830	1325	
Big Lime	br	h	1325	1475	
Injun	W	h	1475	1520	
Shale	gr	s	1520	1930	€
4th Sand	w	h	1930	2190	
Shale	gr	s	2190	2215	
5th Sand	w	h	2215	2437	**
Shale	gr	8	2437	3090	
Sand	w	h	3090	3245	
Shale	gr	s	3245	3990	
Benson	br	ш	3990	4030	
Shale	gr	s	4030	4285	
E1k	br gr	s	4285	5430	
Shale	gr	s	5430	5578	
ΓD	Ü			5578	
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(Attach separate sheets as necessary)

By: June 21, 1982

Eastern Overthrust Drilling, Inc.

Well Operator

Richard L. Hinkle, Pres.

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 it!, encountered in the drilling of a well."

(Revised 3-81)



Well No	1
Farm	Donald Bowman
AP1 #47	TOO1 T 1668
Date	11-27-81

SELVE

OFFICE OF ALL AND	
STATE	
	WEST VIDGINIA
3.7 1	Si Stranding of Hires
UILANUGAS ONANDEAR DE LA SONANDE PARTIMENTO	PREMITAPPLICATION
WELL TYP: 011 / Gas X /	OIL AND GAS DIVISION WOOD ARTHUR LIS
(If "Gas", Production X / Un	nderground storage / Deep / Shallow X /
LOCATION: Elevation: 1528 Waters District: Cove County	shed: Sandy Creek /: Barbour Quadrangle: Cole Bank 7/2
WELL OPERATOR Eastern Overthrust Drilling C	orpDESIGNATED AGENT Richard Hinkle
Address P. O. Box 600 Anmoore, W. Va. 26323	Address P. O. Box 600
OIL AND GAS	Anmoore, W. Va. 26323
	COAL OPERATOR (1) Eastern Associated Coal Co. (7)
Acreage 16	
	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER Donald Bowman Address	NAME (2) Sarah Mellon Scaife Foundation
Acreage 16	
FIELD SALE (IF MADE) TO:	NAME (3) Charleston National Bank (Henry Hoffston Address Trust)
NAME	
Address	COAL LESSEE WITH DECLARATION ON RECORD:
OIL AND GAS INSPECTOR TO BE NOTIFIED:	Address
THE THE GIRL THE TOTAL TO BE HOTTITED.	
NAME Robert Stewart	
Address P. O. Box 345	-
<u>Jane Lew. W. Va. 26378</u> Telephone 884-7782	
707=//0Z	-
The undersigned well operator is enti	tled to operate for oil or gas purposes at the
above location under a deed / lease	X / other contract / dated 9/3 1981
	Beckler Energy Co.
	Beckler Energy Co.
(If said deed, lease, or other contract ha	Beckler Energy Co.
(If said deed, lease, or other contract ha	Beckler Energy Co.
(If said deed, lease, or other contract has Recorded on, 19, in the contract barbour	Beckler Energy Co. To linear recorded:) Office of the Clerk of County Commission of
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(Revised 3-81) ...

PROPOSED WORK ORDER

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

DRILLING	CONTRACT	TOR (IF	киоми)							
		A	ddress_							
Approx Approx	ted dept imate wa imate co	th of co ater str bal seam	TION ompleted ata dept depths: n this a	well_ hs: 	550 Fresh) = 28	, 40	feet;	ry <u>X</u> / Cab salt, 600		
CASING AN	D TUBINO	PROGRA	M					*1		***
CASING OR TUBING TY	PE Size	Grade	CIFICATI Weight per ft	New	Used	For Dril		CEMENT FILL UP OR SACKS Cubic ft.		CKERS
Conductor Fresh wat	11 37	1		X		30			Kinds	er Jest
Coal									Sizes	
Intermed. Productio		5	-			<u> </u>	1500 5500	To Surface	Depths	set
Tubing	17 /2					<u> </u>		JOU DRES	i	44
Liners		ļ	-						Perfora Top	Bottom
									1 10p	DOT TON
									1	Write .
Reg For 822 req 822 pos A s whe sou TMIS	ulation IV-9, -4-12b of uired by -4-8a fr ed well. eparate re fract ght and PERMIT M ovisions bo W. Va. (Drillin tions have	12, or "Reclammade Regular Code & Form IV turing of is note UST # Proceeding in accorde, the lang of comments of the lang of comments of the lang of t	in lieu dation Pl lation 2 22-4-12a owner of 1-2 shall or stimul das suc OSTED AT cordance w location is h This perm	there an" a 3, (i 4, and 5 any 6 not 6 ating 6 h on THE W 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of the pplice of the v) unit (v) to water be received the Forest the Forest the Forest the Forest the posterior of the poster	e other sable to the dess prediction of the part or application of the part of	security a the reclamationsly parable, the dwelling of the world filed in the second control of the second	ne of the followed by Coation required on the societ reconsent reconstruction of the society of	ode \$22-ered by Come well, quired by Control of the	1-2, (iii) ode the fee Code the pro- well wit is
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