BONSON 49001

0 W - 60

Wilbur

(92)

CSD___ Mflm__

- 0 1 2 8 Latitude 39 ° 25 ° 25 ° 25 ° 25 ° 25 ° 25 ° 25 ° 2	Constitution of the Consti
-1	- I
-1	
	9
	(A)
	,
- 2	0
	600
	<i>@</i>
Communication & communication	
- 8	e e
	base.
MIDDLE ISLAND CREEK	
MIDDLE ISLAND CREEK	
CHEEN	
EL.720'	
DALE ASH	CANLUR.
37 ACRES	111111111111111111111111111111111111111
\$21/5	
\$71E - 140P	
And Conomy,	
STEAMORE	
WELLS	
ACCURACY: 1P / 20	OP.
Source of Elevation B. M. W RIGGS CHAPEL (732°)	osta-A
I, the undersigned, hereby certify that this map is correct to the best of my knowled	ζe
New Location and belief and shows all the information required by paragraph 6 of the rules and regular tions of the oil and gas section of the mining laws of West Virginia.	20
Abandonment	
Fracture Redrill	
JOHN WARREN DBA	energen verkeren
Company WARREN DRILLING COMPANY STATE OF WEST VIRGINIA	
Address OKLAHOMA CITY, OKLA. DEPARTMENT OF MINES	
Farm DALE ASH OIL AND GAS DIVISION	
TractAcres_37 I.ease No	
Well (Farm) No. Serial No. WELL LOCATION MAI	
Well (Farm) No. 1 Serial No. WELL LOCATION MAI Elevation (Spirit Level) 720' FILE NO. Serial No. FILE NO. Serial No. Serial No. WELL LOCATION MAI	
Quadrangle WEST UNION	
TVI SD CENTEDVILLE - Denotes location of well on United Stat	
	de V
border lines as shown.	EV.
Engineer's Registration No. 3788 — Denotes one inch spaces on border line original tracing.	of
File No. 10/10/70 Drawing No. original tracing.	
Date $\frac{10/19/70}{\text{Scale}}$ $\frac{1"}{20P}$	MINER TOTAL

D 6-6 Wilbur 92

Trobably stanley (18) NOV 3 0 1970



WR-35

DECEIVED SEP 29 1987

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

State of Mest Nirginia

DEPARTMENT OF ENERGY
Dil und Gas Bivision

Date	Sept	24	1987	,	
Opera	tor's				_
Well	No	1			
Farm_	As	s h			_
ADT N	~ 47 ·	- 095		0428	 n

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gasxx / Liquid Injection (If "Gas," Production / Undergrou				llow <u>xx</u> /)
LOCATION: Elevation: 720' Watershed M	iddle Isi	land Cree	e k	
District: CentervilleCounty Tyle				y 7.5
		*		
COMPANY Appalachian Energy Dev., Inc.				•
ADDRESS P.O. Box 902 Belington, WV 26250	Casing	Used in	Left	Cement
DESIGNATED AGENT George Williams	Tubing	Drilling		fill up Cu. ft.
ADDRESS RT. 2 Box 499 Grafton WV 26354	Size			
SURFACE OWNER Dale Ash	20-16	30	2.0	
ADDRESS Central Station, WV	Cond.	250	30 250	
MINERAL RIGHTS OWNER Dale Ash	18-10"	230	230	
ADDRESS Central Station, WV	9 5/8	630		
OIL AND GAS INSPECTOR FOR THIS WORK Robert	8 5/8	<u> </u>		
Lowther ADDRESS Middlebourne, WV	1	1558		
PERMIT ISSUED 10/17/86	5 1/2			
DRILLING COMMENCED 10/21/86	4 1/2 3	2040	640	
DRILLING COMPLETED 11/15/86	Dgill	Collars	300'	
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2	<u> </u>		
CONTINUOUS PROGRESSION FROM DRILLING OR	Liners			
REWORKING. VERBAL PERMISSION OBTAINED ON	used			
	24	Don	-b	foot
GEOLOGICAL TARGET FORMATION Benson foot				
Depth of completed well feet 1			: 10015	
Water strata depth: Freshfeet;			.d in .h.	
Coal seam depths:	IS COAL	being mine	a m me	area?
OPEN FLOW DATA				
Producing formation				
Gas: Initial open flow 5/ Mcf/d				
Final open flowMcf/d				
Time of open flow between init				
Static rock pressurepsig(surface	e measurem	ent) after	rhou	rs shut in
(If applicable due to multiple completion				
Second producing formation				
Gas: Initial open flowMcf/d				
Final open flow Mcf/d	Oil: Fir	al open f	low	Bbl/d
Time of open flow between init				
Static rock pressure psig(surface	measureme	ent) after	hoù	is shut in 5 1987

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

Cleaned out to 1396' to top of $4\frac{1}{2}$ left in well. Run $4\frac{1}{2}$ to 1390' Used 15 sacks of cement. Lost 10 drill collars when drilling out cement at 1400'



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

WELL LOG

0 60 70 100 138 172 182 190 232 240 305 324	60 70 100 138 172 182 190 232 240 305	REMARKS Including indication of all fresh and salt water, coal, oil and gas
0 60 70 100 138 172 182 190 232 240 305	70 100 138 172 182 190 232 240	and salt water, coal, oil and gas
60 70 100 138 172 182 190 232 240 305	70 100 138 172 182 190 232 240	
60 70 100 138 172 182 190 232 240 305	70 100 138 172 182 190 232 240	
70 100 138 172 182 190 232 240 305	100 138 172 182 190 232 240	
100 138 172 182 190 232 240 305	138 172 182 190 232 240	
138 172 182 190 232 240 305	172 182 190 232 240	, *
172 182 190 232 240 305	182 190 232 240	
182 190 232 240 305	190 232 240	
190 232 240 305	232 240	
232 240 305	240	
240 305		1
305	303	
324	324	
	351	
351	370	
370	401	·
401	442	·
442	470	,
£470	495	
1.0		
600	610	
610	620	
620	705	
705	800	
800	880	
880	890	
890	940	·
•	1103	
	f ·	
1		
1		
1		
•		
	1	
		Maxson
	•	Haksun
	1	Dia Lima
• 1595	1680 1687	
1680		Big Lime
	495 550 600 610 620 705 800 880 890 940 1103 1160 1168 1180 1280 1358 1366 1490 1550 1595	495 550 550 600 600 610 610 620 620 705 705 800 800 880 890 940 940 1103 1160 1168 1168 1180 1280 1280 1358 1366 1366 1490 1550 1595

(Attach separate sheets as necessary)
1810 2052 011 & Gas Oil 1705-13 Big Injun

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 inal, encountered in the drilling of a well.

Shale & Silt

Quadrangle West Union

Permit No. TYI ___ 428



JUN 2 5 1971 Rotary

OIL OF GOOD PLY SPINARIE Cable Tools

Storage

WELL RECORD

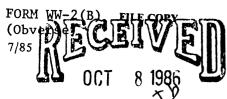
			011 01 ((KIND)
A WARREN DRG. CO. ERS BUILDING	Casing and Tubing	Used in Drilling	Left in Well	Packers
			1	

Company JOHN R. WARREN DBA WARREN DRG. CO. Address 1215 UNITED FOUNDERS BUILDING	Casing and Tubing	Used in Drilling	Left in Well	Packers
Oklahoma City, Okla. 73112	Size			
Dale Ash Location (waters) Middle Island Creek Well No. Elev. 7004	16	30'	30!	Kind of Packer
Well No. Blev. Too.	13			
Well NoOne (1) DistrictCenterville CountyTYLER	- 10	250'	250!	Size of
Centerville TYLER The surface of tract is owned in fee by	81/4	000		
Address	65%	1558'		Depth set
Mineral rights are owned by Dale&Gladis Ash, Jr.	5 3/16			
Address Central Station, W. V	7a.41/2	2040'	2040'	
Drilling commenced11/23/70	3			Perf. top <u>1986</u>
Drilling completed 1/20/71	2	1	1	Perf. bottom1988
Date Shot From To	Liners Used			Perf. top
With	MAN THE SECREPT OF MAN A SECREPT OF THE SECREPT OF			Perf. bottom
Open Flow /10ths Water inInch	Attach copy of	cementing reco	rd.	
/10ths Merc. inInch	CASING CEM	ENTED 4½!!	SIZE2040	No. Ft. 1/21/71 Dat
Volume Cu. Ft.				Type I
Rock Pressure hrs.				
Oil bbls., 1st 24 hrs.				n c eetinche
WELL ACIDIZED (DETAILS)	FEE	IIT	ICHES	FEET INCHE
	FEE	IIIN	ICHES	FIST INCHE
WELL FRACTURED (DETAILS)20.1 B/M at 3086psi				3000# CaCl2
250 gals. reg mud acid. RESULT AFTER TREATMENT (Initial open Flow or bbls.) 202,00			709 000	ART MOERTT
	11) AN TT /A	217	~ VJO, U" ~	コノナノ・アリッピクチル
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 202, 00) <u> </u>	<u></u>		
ROCK PRESSURE AFTER TREATMENT 820 psi	HOURS 18			
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 202,000 ROCK PRESSURE AFTER TREATMENT 820 psi Fresh Water 25 t, 100 1300 Feet Producing Sand 2nd Weir	HOURS 18	60,15 3 0	Feet	

gravel&sand lime red rock shale red rock red rock lime	gr.		0 60 70 100 138	60 70 100 138			
lime red rock shale red rock red rock			70 100	100 138	:		
shale red rock red rock	gr.		100	138	4		
shale red rock red rock	gr.						
red rock			1 3 8		I .		
red rock		ĺ		158	1	9	
1			158	172			•
			172	182			
red rock		ž.	182	190			
shale			190	200			,
shale			200	232		4	
red rock			232	240		1	
sand			240	305			
shale			305	324			
sand			324	351			
shale			351	370			
lime			370	401			1
shale		,	401	442	1		1.0
red rock			442	470		4	
shale	* .		470	495			
red rock			495	550			
shale			550	600			
red rock			600	610			
lime			610	620	OVER		
shale			620	705			, terms
lime			705	800	·		,
		en e			The second of a second	The second second	
1.							

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remakks
shale red rock lime shale, lime lime shale lime sand shale lime shale sand shale sand shale lime sand&lime sand shale sand shale	shells		800 880 890 940 1103 1160 1168 1180 1280 1358 1366 1490 1550 1595 1680 1687 1810 1875 2032 2052	880 890 940 1103 1160 1168 1180 1280 1358 1366 1490 1550 1595 1680 1687 1810 1875 2032 2052	oil oil oil oil&gas	1705-13 1798-05 1985-95 2000-10	Maxon Big Lime Big Injun Weir
					15.95		

	Date	6/20/71	, 19
APPROVE	D WARREN DR	ILLING COMPANY	, Ow
	By Mola	H. Black Consults	nt





1) Date: <u>Oc</u> ナ し	, 19_86
2) Operator's Well No. #\$	4

3) API Well No. 47 OQ5 428-7D
State County Permit

OCT 8 1986

STATE OF WEST VIRGINIA

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

4) WELL T	TYPE: A	Oil	,	Car	V	,			
		(If "Gas"							
5) LOCAT		Elevation:				/ Undergroun		/ Deep	/ Shallow V ()
		District: _			000	Watershed:	middle	Island Cra	
6) WELL C	PERATO	R Anne.	1. 1.	Atte		County:	TYER	Quadrangle:	Shide 201/6
Addre	esc X	301 91	7	1 Ch	دوهراز	DDE: <u>2323</u> Ev.	7) DESIGNATE	Quadrangle: DAGENTCav	ye Williams
		Beline				EV.	Address	Box 917	
8) OIL&G	AS INSPE	CTOD TO	700	Ψ,	J			Belingto	y wu
Name	BOP	CIOR 10	be not	IFIED			9) DRILLING C	CONTRACTOR:	
Addre							Name		
. Addit	.ss	Midd		elts			Address	-	
10)			رو ال	HYN.		<u> </u>			
10) PROPOS	ED WELL	WORK:	Drill_		_/ Dri	ll deeperX	/ Redrill/	/ Saine I d	
			Plug c	off old	formation	on/ Perfo	rate new formation	Stimulate	
			Other	physica	l change	in well (specify)	Tornation	/	
11) GEOLOC	SICAL TAI	RGET FOR	MATION	۷,'	Benso	on 435			
12) Estin	nated depth	of comple	ed well,		4900) feet			
I3) Appr	oximate tra	ita depths:	Fresh, _	Pres	کاری د	esed feet; sal	•	_	
14) Appr	oximate co	al seam dep	ths:	Wo.	16	Is so	,	feet.	/ No/
15) CASING	AND TUB	ING PRO	GRAM			15 CC	at being mined in the	area? Yes	/ No _/ /
CASING OR	1	SPEC	IFICATION	s		II - FOOT - CT -			
TUBING TYPE	Size	Grade	Weight per ft.	1	1	FOOTAGE	NTERVALS	CEMENT FILL-UP	PACKERS
Conductor	14	- Grade	per n.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Fresh water	10		 		 	3.	36		Kinds
Coal	RY	 	ļ — — — — — — — — — — — — — — — — — — —	 	 	250	250	C75 1	0 ,
Intermediate	45%	 		 -	ļ	630	130	CTS Per	See 0 15.05
Production	1 2					1222 (1558		1201612102
Tubing	42					2040	640 2090		Depths set
Liners	23						4900	2500 or es re	Depins set
Liners	 								
	 								Perforations:
									Top Bottom
	<u> </u>								
							78		
							•		
						OFFICE USE O	NLY		
						DRILLING PER	RMIT		
Permit number		47-09	5-0428	(T-)					
			3 0 120	"				00	ctober 17 19 86
This permit cover	ing the wei	ll operator	and well	looptio		• •		Date	
quirements subject	t to the co	nditions co	ntained h	iocanoi erein ar	1 SNOWN Id on the	below is evidence of	permission granted	to drill in accordance	ee with the pertinent legal re- and Gas Inspector, (Refer to ractor shall notify the proper
No. 8) Prior to the	construction	on of roads	, location	s and p	its for ar	Notif	ication must be give	n to the District Oil a	and Gas Inspector. (Refer to
mi	s inspector	24 hours b	pefore act	ual peri	nitted w	ork has commenced.)	operator or his conti	ractor shall notify the proper
The permitted wor	rk is as des	cribed in tl	he Notice	and Ap	plication	, plat, and reclamat	ion plan subject to		d conditions specified on the
Permit expires		Octob	er 17,	100	0	, , , , , , , , , , , , , , , , , , , ,	on plan, subject to	any modifications and	d conditions specified on the
remit expires		OCLOB		190	0	unless well w	ork is commenced p	rior to that data and a	rosecuted with due diligence.
Г 			_/					nor to that date and p	rosecuted with due diligence.
Bond:	Agent:	P1	a,t: C	acin	\vee		1		
	Z	a Me		asin	- 1	ee Wear	SEE OI	ther /	
L	16		7 []	47	_ 32	26 (1)>		1/1	
			, –	7	14	8		/ 	
NOTE:								// AH	///
NOTE: Keep one	copy of th	nis permit _l	oosted at	the dril	ling loca	ion.	19	-////	
						DIL	ector, Divis	ion of Oil a	nd Gas
		See the	reverse s	ide of t	he APPI	JCANT'S COPY 19	Instructions 40 the	well operator	File File
								yperator,	

FORM WR-38 (Affidavit of Plugging)

March 7, 1993

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND CAS WELLS DIVISION



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Division, 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.

N/A	• • • • • • • • • • • • • • • • • • •	APPALACHIAN	ENERGY DEVELOPMENT	r, inc.,	,
Coal Operator or Owner			Name of Well Opera		
		Route 2, Box	499, Grafton, WV		
Address			Complete Address		
			ion Quad.15°,Shirle	<u>ey 7.</u> 519	
Coal Operator or Owner		W	ELL AND LOCATION		
:		Centervil	1e	_ Distri	ict
Address					
Randall Ash		Tyler		County	У
Lease or Property Owne	r				
State Route 2, Greenwood	i, WV	WELL NO. 47	-095-0428D		
Address					
		Dale A	sh		Farm
STATE INSPECTOR SUPERVISING PL	NGCING Robert	Lowther			
STATE INSPECTOR SUPERVISING IL	OGGING RODELE	LOWEILEL			
	AFFIDAV	/IT			
OWARD OF UPON UIDCINIA					
STATE OF WEST VIRGINIA,	ss:				
County of					
Norman J. Olley			1 Clowser		
being first duly sworn accordi	ng to law depos	se and say th	at they are experient	enced in	n the
work of plugging and filling o	il and gas well	ls and were e	mployed by Appalac	hian En	ergy fill-
Development, Inc., , well oping the above well, that said	work was common	reicipated in	4th day of Mar	v	1111-
19 88, and that the well wa				<u></u>	··
, and since one war	,				!
	F2112 W-A		Dluce Head		sing
Sand or Zone Record	Filling Mate	eriai	Plugs Used	CSG	-
Formation			Size & Kind	PULLED	LEFT_IN
1265' - Surface	Cement		Cement	4½"	8 5/8
+ 11 1 10(F) C /1	1	11 _{od}	mont Trod	-	
*pulled 1265' of 4's pumped into 8 5/8"	insuring solid	d fill to sur	face.		
pumped 1110 0 370	TIDULING DOLL	d lill co bar.			
			<u> </u>		
			 		
			 		
			÷	1	
		sC			
			1 000	1	
	 		11/2		48
Coal Seams		, p. 1	Description o	f Monum	ènt
(Name) None			Iron pipe embedde	d in 8	5/8 C.
(Name)			& cement to exten	nd 3' ab	ove
(Name)			ground. Steel pla		
(Name)			pipe, bearing ope	rator n	ame, A
and that the work of plus of May, 198		ng said well	well name & plug was completed on t	he 4th	ı_ day
And further deponents sa	ith not.	X John	Cloure		
Sworn to and subscribed before	e me this 127	day of m	any	, 19	£8
		- · · · · · ·	1 511-1	2 `	·=
A -			Notary Public	-	
Mu commission ovniros:			notary rubaro		
My commission expires:					41

MAY 2 U 1988

Permit No. <u>095-0428-</u>P