

13,250

State of West Virginia DEPARTMENT OF ENERGY Division of Oil and Gas

Well Operator's Report of Well Work

Farm name:	JEFFERS, J.	AMES S.		Operator	Well No.: F	H. SWEENE	Y #1
LOCATION:	Elevation:	939.00 Q	uadr	angle; SH	HIRLEY		
	Latitude:	MCELROY 13250 Feet 5850 Feet	Sout	h of 39	Deg. 25Min.	. 0 Sec.	•
	Company:DRILLING APPALACHIAN CORP						
	O. BOX 99 IA, WV 2632	0-0099		&	Osed in Drilling	•	Fill Up
Agent: KENNETH R. MASON				Size		111 WE11 	
Inspector: GLEN P. ROBINSON Permit Issued: 07/26/89 Well work Commenced: August 2,1989 Well work Completed: August 15,1989 Verbal Plugging Permission granted on: Rotary XX Cable Rig Total Depth (feet) 5080 Fresh water depths (ft) 75					1057	1057	to surface
				41/2	 	 5031	480 sks
			-		1	 	
Salt water	depths (ft)	NA	-		1015	VIEIDY	rem
Is coal be: Coal Depths	ing mined in s (ft):	area (Y/N)?	<u>_</u> ~			SEP 12 19	
OPEN FLOW I	DATA		1	·		ISHON OF OUL RETMENT OF I	
Gas:	Final open f Time of oper	on BENS 1 flow SHOW 1 flow between 1475	MCF/ MCF/ en ir	/d Oil: I /d F nitial an	inal open f d final tes	flow low ts 30	Bbl/c Bbl/c Hours
Gası	d producing Initial oper Final open f Time of oper c rock Press	formation n flow low_ n flow betwee sure	MCF/ MCF/ en ir psic	/d Oil: I /d F pitial an g (surfac	Pay zone nitial open inal open f d final tes e pressure)	flow low ts	Bbl/c Bbl/c Hours
INTERVALS, LOG WHICH	FRACTURING IS A SYSTE	FORM PUT TO STIMULATE THE STATIC DETAIL TERED BY THE	FING, LED	, PHYSIC GEOLOGIC	AL CHANGE,	ETC. 2). OF ALL FC	THE WELL
		For: DRII	LLING	G APPALAC	HIAN CORP,	I	U 1309
		By:_ Date	<i>. X</i>	muth k	Mason-		
				 			

AND THE PROPERTY OF THE PROPER

GEOLOGICAL WELL RECORD DATA

PERMIT NUMBER: 47-095-1320

	TOP	BOTTOM	
SOIL	0	25	
BROKEN SAND	25	198	13) TARRESTORNESSEE
SANDS AND SHALES	198	1095	PECETY
DUNKARD SAND	1095	1132	113000
1ST SALT SAND	1212	1290	CER 12 1000
2ND SALT SAND	1395	1440	SEP 12 1989
3RD SALT SAND	1492	1530	Philippin of the second
MAXON	1675	1675	DWIDION OF THE & CAS
BIG LIME	1838	1892	DEPARTMENT OF ENERGY
KEENER SAND	1892	1978	
BIG INJUN SAND	1975	2054	SHOW GAS
WEIR	2202	2288	
BEREA CAP	2370		
GANTZ SAND	2402	2420	
GORDON SAND	2634	2675	
FIFTH SAND	2832	2837	
WARREN	3283	3336	•
RILEY	4479	4512	SHOW GAS
BENSON	4924	4931	SHOW GAS
TOTAL DEPTH	5080		ono, ono

VELL TREATMENT SCHEDULE

Benson Sand

5056 - 5062

Perforated with 15 holes

Formation Break Down

2687 PSI

Hydraulic frac with Nitrogen assist Average Treating Rate 18 barrels per min 550 barrels of gel treated water 300 sacks of 20/40 sand 50 sacks of 80/100 sand

Average Treating Pressure

2750 PSI SEP 1 5 1989

095-1320 Daned 7/26/89 Cyperis 7/26/91 Page 3 of 5

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

					AFFUICATIO		
1)	Well Operator: Drilling Appalachian Corporation 14435 (5) 606						
2)	Operator's Well Number: <u>Hiram Sweeney Heirs #1</u> 3) Elevation: 939						
4)	Well ty	pe: (a)	Oil_x/	or Ga	s <u>x</u> /		
	(b) If Gas: Production <u>x</u> / Underground Storage/ Deep/ Shallow_x/						
5)	Proposed Target Formation(s): Benson/Riley						
6)	Proposed Total Depth: 5300 ± feet						
7)	Approxi	mate fres	h water s	strata dep	ths:	579	187
8)				epths:	A A	1087,1	588
9)	Approxim	mate coal	seam dep	oths: You	bly 368-	572'	
10)						ive mine? Ye	es/ No_x_/
11)	Proposed	Well Wor	rk: Dr	ill, perfora	te, stimulate	new formation	
12)			G) GT				
munn					ING PROGRAM	•	
TYPE	/	S S	PECIFICAT	TIONS	FOOTAGE IN	TERVALS	CEMENT
THE STATE OF THE S		Size	Grade	Weight per ft.	For drilling	Left in well	Fill-up (cu. ft.)
Condu	ctor	11-3/4"	H-40	42#	100'	100'	CTS
Fresh	Water						
Coal							0385P181122
Inter	mediate	8-5/8"	J-55	20#	1050'	1050' GS	38CSR18-11.3
Produ	ction	4-1/2"	J-55	10½#	5075'	5075 '	38CSR18.11-1
Tubin	g						
Liner	s						
PACKERS: Kind							
Sizes							
For Divison of Oil and Gas Use Only DIVISION OF OIL & GAS DEPARTMENT OF THE RECLAMATION FUND WPCP Plat WW-9 WW-2B Told Bond WARD (Type) Agent							

Page 1 of Form WW2-A (09/87)File Copy



3)

Date: <u>July 18, 1989</u> Operator's well number

Hiram Sweeney Heirs #1

API Well No: 47 - __095 - _1320

State - County - Permit

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS

1) 2)

NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4)	Surface Owner(s) to be se	
	(a) Name <u>James S. Jeffers</u>	Name
	Address 1101 St. Paul Stre	eet Address
	ste 2007, Baltimore, MD 21202	
	(b) Name	
	Address	Name
		Address
*	(c) Name	
	Address	Name
		Address
6)	Inspector Glen Robinson	(c) Coal Lessee with Declaration
,	Address Rt. 1, #6 Mt. Plea	asant Ests. Name
	Mineral Wells, WV Telephone (304)-489-9162	
	TO THE PERSON(S)	NAMED ABOVE TAKE NOTICE THAT:
	Appendix a comment and appendix	
	Included is the lease or	leases or other continuing contract or
cont		right to extract oil and gas <u>OR</u>
		ion required by Chapter 22B, Article 1,
SACT	ion 8(d) of the Code of We	est Virginia (see nage 2)
Dece		ed under Chapter 22B of the West Virginia Code
T L-	certify that as require	ed under chapter 226 or the west virginia code
		notice and application, a location plat, and
acco	mpanying documents pages]	L through _5 on the above named parties, by:
	Personal Service (Af	
	Certified Mail (Post	marked postal receipt attached)
	Publication (Notice	of Publication attached)
	I have read and understar	nd Chapter 22B and 38 CSR 11-18, and I agree
to t		f any permit issued under this application.
		of law that I have personally examined and am
fomi	liar with the information	submitted on this application form and all
atta	comments, and that based or	n my inquiry of those individuals immediately
resp	onsible for obtaining the	information, I believe that the information
is t	rue, accurate, and complet	
	I am aware that there are	significant penalties for submitting false
info	ermation, including the pos	ssibility of fine and imprisonment.
~	Well	Operator DRILLING APPALACHIAN CORPORATION
NE STE	OFFICIAL SEAL BY:	Kenneth Mason
W. B.	STATE OF WEST VIRGINIA Its:	
- Table	J. L. MASON Addre	essPO_Box 99, Alma, WV 26320
	P. O. Box 48 Alma, West Virginia 26320	· · · · · · · · · · · · · · · · · · ·
0.	My Commission Expires Jan. 28, 1997	phone(304)758-4638
Subs	cribed and sworn before me	this 18th day of /July , 19 89
		Musau Notary Public
Mv	commission expires 1/28/	
	1/28/	31
		•