LATITUDE 39° 15°

loc from descriptions

7'5 OGIS topo location

7.5' 100 0,435 Kle 178W 15' 10c 0.405 (cate.) 1.80 W

Company JUB. Robb

Farm Mrs Elle Parcoka 1

Quad Mose field 15/100

county Hampshire

District MILCORE (0)

WELL LOCATION MAP

File No. 027-40

(WYGES = Was 80000) B

Parpensell

Mill Cred Metalet, Territor County, . Ve.

The same of the sa

- 07 20 A FORE

Located 0.40 mi. . of 70° lg and 1.8 mi. . of 70° 50° - NG -

On top of Mill Creek Hountain, We side of South Branch of Potomos

l.22 al. 7. 70° . of sector 7. 0. (Globe Station); 160° 7. 29° 7.

Neogrico:

terts in legers orios.

Orilling at 774. May 28, 1938, (inst report).

Above information published on p. 61 of Volume XVI, 1944, of . Va. Genic gloal Jurvey.

HAMP-B newHampshis

WEST VIRGINIA GEOLOGICAL SURVEY

61

Mrs. Ella Pancake No. 1 Well.

Mill Creek District, Hampshire County, W. Va. for W. B. Robb. Hamp-B on map. Lievation, 1415' B. Located 9.40 mi. S. of 39° 15' and 1.8 mi. W. of 78° 50'—NC—Moore-

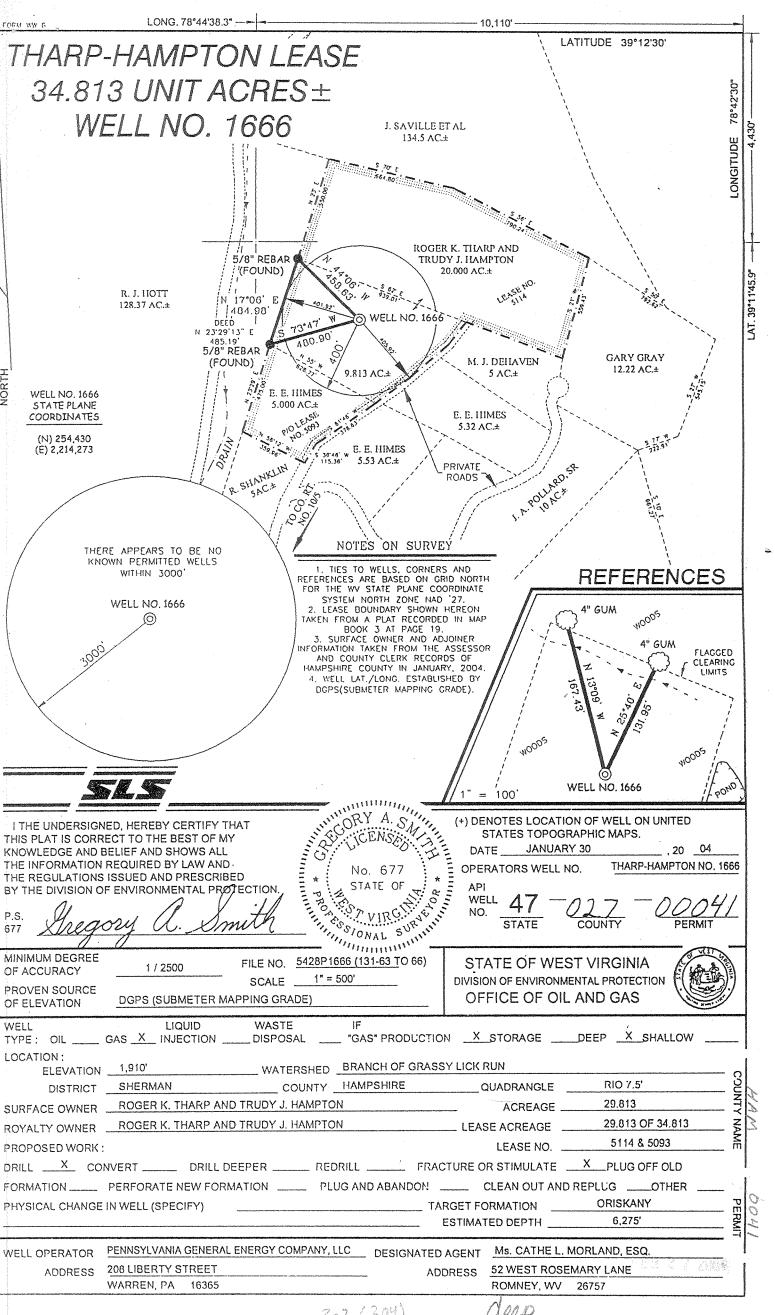
held Quadrangle. that top of Mill Creek Mountain, W.+ side of South Branch of Potomac tiver.

122 ml. N. 39° W. of Sector P. O. (Glebe Station); 160' N. 29° W. of road fork.

Hemarks:

Starts in Niagara Series. Drilling at 374', May 28, 1938, (last report).

WV685 - VOI XX, 1944 P.61



(304)

API#

Date: October 12, 2004 47-027-00041

MB

State of West Virginia Department of Environmental Protection Office of Oil and Gas

Well Operator's Report of Well Work

Farm Name:		Гharp-Ham	pton	COLUMNICATIONS OF CANADAS AND AND ASSESSED.	·	perator Well	No.:	1666
	Elevation: 1910			n de la companya de l	Quadrangle:			
	FOLLER	Char	man		Count	v:	ımpshire	
	Latitudo:	7 430	Feet South of Feet West of	39 Deg.	12	Min. 3	0 Sec.	
	Lanninida:	10 110	Feet West of	78 Deg.	42	Min. 3	0 Sec.	
			Energy Company		&	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address:	208 Liber	tv St., War	ren. Pa. 16365	20'		80'	80'	N/A
Agent:	Me Cathe I	Morland F	SO, Romney, WV	13 3/8	17	449'	449'	507
Inspector:	IVAD. COMMING AND		Terry Urban February 23, 2004 April 2, 2004	9 5/8"		1520'	1520'	715
Date Permi	f Teenad:		February 23, 2004	1 7		5784'	5784'	313
	Vork Commen	ed	April 2, 200	2 7/8"		5766'	5766'	N/A
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, WHEN PERSON	Work Complete	d:	September 24, 200	1				
Verbal Plu	NAME AND ADDRESS OF THE OWNER, WHEN PARTY OF THE OWNER, WHEN T	TOTAL DESCRIPTION OF THE PROPERTY OF THE PROPE						
	ssion Granted	on:						
	Cable Rig		Rotar	У				
THE PARTY OF THE P	oth (feet):	AND DESCRIPTION OF THE PERSON NAMED OF THE PER	5979)'				
	ter Depth (ft):		80 fee	t				AND DESCRIPTION OF THE PERSON
	and the second s							
Salt Wate	er Depth (ft.):		N/A	1				
Name and Address of the Owner, where the Owner, while the Owner, where the Owner, where the Owner, while the	ng mined in are		N	1				<u></u>
Coal De	pths (ft.):			opening to the second				
OPEN FLC			0.11		D	-ana doubh (A) 5900'	
Pro	ducing formatio	n	Oriskany	Janon Fore	ray <i>i</i>	n) mgan anoz h\las)	•
Gas:	Initial open flo	W 500	MCF/d Oil:Initi	ii open flow		Bhl/d	1	
	Final open flo	W 1500	en initial and final	at open now	ote	Hours		TIVED
	i me or open	HOW DELWE	psig (surface	nrecente) afi	er	123 Hou	office o	f Oil & Gas
3E 	auc fock ficssui	v was serf	ormed 24 hours after	the well wa	s stim	ulated	Office	of Chief
"(NOIE)	rmai open nov ducing Formatio	n was perre	MINOG 24 MORIS GILO.	41012 110	Pav 2	zone depth (fi) 0000	- 5 2004
	Initial open flo		MCF/d Oil:Initi	al open flow	-	Bbl/d	- militarian militarian minima in a maria managaran mana	- 3 rout
Gas.	Final open flo			al open flow	***************************************	Bbl/d	MALDor	ertment of
	Time of onen	flow between	en initial and final			Hours		ntel Protection
St	atic rock Pressu		psig (surface	pressure) af	ter	Hou		
			outstanders.	-	_			
NOTE	ON BACK OF	THIS FO	RM PUT THE FOL	LOWING: 1	I) DET	TAILS OF PE	RFORATED	
INTER	VALS, FRACT	URING O	F STIMULATING,	PHYSICAI	L CHA	NGE, ETC. 2	2). THE WELL	LOG
WHIC	H IS A SYSTE	MATIC DE	TAILED GEOLOG	ICAL REC	ORD (OF ALL FOR	MATIONS,	
INCLU	JDING COAL, I	ENCOUNT	ERED BY THE W	ELLBORE.				
	Signed:	lial	11	LEC L		ಕಾ.		

Robert Kuntz, Executive V. P. 10/12/04

Date:

HAM DOL

DEC 3 0 2004 1 12/30/2004

***	LOG OF FORMATIONS				Well API#	47-027-00041			
Formation Name	Тор	Bottom	Gas at	Oil at	Water at (Frest or Brine)	Source of Date			
	0	3'				Drillers Log			
Clay & Shale	3'	110'			Fresh @ 80'	n			
Shale and Sandstone	110'	295'			V-	61			
Shale and Red Rock	295'	540'			rich (group)	26			
Shale and Sandstone	540'	946'				10			
Shale	946'	1155'				få			
Shale and Sandstone	1155'	3964'	Possessing the second s	Trindiscon		44			
Chaneysville Siltstone	3964'	4150'		siderate de la constanta de la		Electric Log			
Dolitic Limestone	4150'	4154'							
Shale & Siltstone	4154'	5428'				60			
Jpper Marcellus	5428'	5452'							
urcell Limestone	5452'	5546'		Tipping.		58			
ower Marcellus	5546'	5682'				E 9			
nodaga Limestone	5682'	5697'				11			
eedmore Shale	5697'	5797'				tr .			
riskany Sandstone	5797'	5948'	5800'			11			
hriver Chert	5948'	5979'			The state of the s	19			
D	,	5979'				44			
d-section and section and sect						Section of the sectio			
		#African							
S. Carlotte									
		·		* · .					
						State of the second			
			No.			, the transfer			
		COM	PLETION RE	PORT	Value Care Care Care Care Care Care Care Car				
				Stimulation Record					
	Interval Treated				Sand	Fluid Average			
Date	From	То	Amount of fluid in gals		20/40	Type Injection Rate			
00/04/04									

Note: Well was stimulated via open hole hydrofracture utilizing Halliburton Energy Services.

5,000

15,000

09/24/04

5784'

5980'

HCI

water

300 sks

10 BPM

30 BPM