

TRASCO 500 10-74 MC3081. 915' Pitts builli Coal

Log___ 10/4/nR Card_ LATITUDE 39 32 <u>3</u>9 35 ' (15') 72 SERIES 5°-27'-30" 4.155 SMITH, TRACT 3.86W DB-75 P-506 (COAL SURVEY) _ PRICE Minimum Error of Closure Less than 1 in 7,200 U.S.G.S. BM#165 RHP on Pickenpaw Run Road Source of Elevation Elev. = 980 (979.89)I, the undersigned, hereby certify that this map is correct to the best of my know-ledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia. Fracture. Drill Deeper... Map No. Squares: Abandonment U.S. Energy Research and Development Administration STATE OF WEST VIRGINIA DEPARTMENT OF MINES Address P.O. Box 880, Morgantown, WV 26505 OIL AND GAS DIVISION Walter B. Smith **CHARLESTON** Acres_ Lease No. LOCATION MAP Well (Farm) No. M-4 SW Serial No. Elevation (Spirit Level) 1052.70', MANNINGTON 15 FILE NO. WET - 637 Quadrangle <u>Glover Gap</u>, W.Va. (7.5') Wetzel + Denotes location of well on United States Topographic Maps, scale 1 to 2,500, latitude and longitude lines being represented by County . _District_ C. D. Locke Surveyor. 6981 O. & G.E. border lines as shown. Surveyor's Registration No.. File No.______ 28, 1977 Drawing No. - Denotes one inch spaces on border line of 1" = 400' original tracing. Scale 47 -103

TRASCO 500 10-74 MC3081-

SMITHFIFLD



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OF A GAS DE OIL AND GAS WELLS DIVISION TO THE COM

Rotary \mathbf{X} Spudder Cable Tools Storage X

Quadrangle GLOVER GAP (7.51)

Permit No. WET - 637

WELL RECORD "

			Oil or (Sas Well RESEARCH (KIND)
Company U.S. D.O.E./Morgantown Energy Tech. Cntr. Address P.O. Box 880, Morgantown, WV 26505	Casing and Tubing	Used in Drilling	Left in Well	Packers
Farm Walter B. Smith Acres 15	Size			
Location (waters) Pickenpaw Run	16	******************************		Kind of Packer
Well No. SMITH-ERDA M-4 Eley 1052.701	13			
District Grant County Wetzel	10			Size of
The surface of tract is owned in fee by Walter B. Smith	#xx8-5/8"	198.61	198.61	
Address Smithfield, WV 26437	65/8			Depth set
Mineral rights are owned by Mr. & Mrs. Rex Smith	******5-1/2			
Address Smithfield, WV 26437	41/2			
Drilling commenced Rotary October 19-22, 1977	3			Perf. top
Drilling completed Cable Tools August 6, 1978	2			
Date Shot				Perf. top
With	1			Perf. bottom
Open Flow /10ths Water inInch	Attach come of a		8_E/QII 10	0 (1 10 10
/10ths Merc. ininch	CASING CEME	NTED	5-1/2"-89	18.5; - 10-22-77
Volume	Amount of cemer Name of Service	nt used (bags)	8-5/8'' -	105 sacks
Rock Pressure ibs. hrs.	Name of Service	Co. Hallib	5-1/2"- irton	150 sacks
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT 395	FEETINC
WELL ACIDIZED (DETAILS)	473 FRET	· INC	HEC 532	TETTE
	/95 FEET	TNC	HES 900	EEET INC
WELL FRACTURED (DETAILS)	**			
	*** ***********************************			
RESULT AFTER TREATMENT (Initial open Flow or bbls.)				
ROCK PRESSURE AFTER TREATMENT	HOURS		*******************************	
Fresh Water Feet Producing Sand Pittsburgh Coal Soom	Salt Water		Feet	
Producing Sand Pittsburgh Coal Seam		Depth 900-9	08	

Producing Sand Pl	itsburgh_	Coal Seam			Depth 900-90	8	
Formation	Color	Hard or Soft	Тор	Bottom	Oil, Gas or Water	Depth	Remarks
UNCONSOLIDATED							
SEDIMENTS	l			10			
SILTSTONES AND	}			10			
SHALES	Š		10	66			
SANDSTONE			66	71			
SILTSTONES			71	145			
SANDSTONE	Į.		145	157			
SILTSTONES AND			137	12/			
SHALES	0.00		157	205			
SANDSTONE			205	213	and the second s		
SHALE AND			2.05	213	į		
SILTSTONE			213	356			
SANDSTONE			356	371			
SHALE			371	1			*
WASHINGTON COA	L		395	395			1
SHALE AND			222	399			
LIMESTONE			399	473			
WAYNESBURG "A"	-			(17			
COAL			473	476			
SHALE AND			.,,	1 4/0			
LIMESTONE	100		476	516			
WAYNESBURG SAN	DSTONE		516	530	·		Page 1
SHALE			530	532	•		
WAYNESBURG COA			532	534			
SILTSTONE AND	SHALE		534	609	400		1 45
SANDSTONE			609	613			
SHALE AND LIME	STONE	in the state of th	613	795	and the second		
SEWICKLEY COAL	***	and the state of t	795	798			
SHALE	-	1	798	802			

Formation Color	Hard or Soft	Top Feet //	Bottom Feet	Oil, Gas or Water	* Remarks
SILTSTONE LIMESTONE AND SHALE PITTSBURGH COAL SHALE		802 837 900 908	827 900 908 926		
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		CO THE COLUMN TO	energy and the second s		
		d) milyoprobably and constraints.			
	THE PARTY OF THE P				
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APPROVED U.S. D.O.E./Morgantown Energy Owner

By (Title)

TO THE DEPARTMENT OF MINES,



DEPARTMENT OF MINES



Oil and Gas Division DEFT. OF MINES

OIL AND GAS WELL PERMIT APPLICATION

DATE	Septemb	er 29, 1977	
	U.S. E	nergy Resear	ch and
± •			
	ngle Glove	r Gap (7.5')	County
	_		
SITE			
22,			
pire il			
		Philli	ip Tracy
758-4573	ADDRESS_	Middle	ebourn W Va
upon the chove no	<i>C</i>		arch purposes
re, agreement	ned farm or ti	act of land for &	XXXXXXXX having fee
Page .			•
ERR	EDRILL	FRACTUR	E OR STIMULATE
JRILLED BEFORE	JUNE 5, 198	9.	
ngineer or licensed	land surveyor	and all coal own	ners and/or operators
heraby notified the	at man abi-sti		
hereby notified the	nt any objections Department	n they wish to r	nake, or are required ten (10) days. *
hereby notified the by, or filed with the nailed by registered	nt any objection be Department mail, or delive	n they wish to r of Mines within red to the above	nake, or are required ten (10) days. * named coal operators
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	Compa Addres Farm Location Well N 54 District Quadra 22, oved bire if INSPECTOR TO BE 758-4573 upon the above narge agreement re agreement	U.S. E Company Develo Address P.O. Box Farm Walter B. Location (waters) P Well No. Smith-ER District Grant Quadrangle Glove: 22, oved Sire if U.S. E Company Develo Rather Walter B. Walter B. Location (waters) P Well No. Smith-ER Grant Quadrangle Glove: 154 District Grant Quadrangle Glove: 22, oved Sire if UNSPECTOR TO BE NOTIFIED The Table To The	U.S. Energy Resear Company Development Adminity Address P.O. Box 880, Morgan Farm Walter B. Smith Location (waters) Pickenpaw Run Well No. Smith-ERDA-M-4 District Grant Quadrangle Glover Gap (7.5') SITE 22, oved Sire if INSPECTOR TO BE NOTIFIED Phill: 758-4573 ADDRESS Middle reseaupon the above named farm or tract of land for a receive agreement received and recorded on the Fourth received and recorded and re

*SECTION 3 . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

Wet-637 PERMIT NUMBER 47-103

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO	DRILL	DEEPEN	FRACTURE-STIMULATE
DRILLING CONTRACTOR: (If	Known)	RESPONSIBLE AGEN	T:
NAME Paramount Explora	ition, Inc.	NAME L. D. Stri	
P.O. Box 551 ADDRESS Waynesburg, PA	1.5370	ADDRESS Morgant	ox 880 Cown, WV 26505
TELEPHONE 412/627-6144	<u> </u>		7494
ESTIMATED DEPTH OF COMP	LETED WELL: 915 ft.		CABLE TOOLS
PROPOSED GEOLOGICAL FOR		1	CABLE TOOLS
TYPE OF WELL: OIL_	GAS COM	MR STODAK	T. Dignogue
			LOOD OTHER *
TENTATIVE CASING PROGRAM	vi: * Under	ground Coal Gasif	ication Research
•			
CASING AND TUBING SIZE	USED FOR	LEFT IN	CEMENT FILL UP
20 - 16	DRILLING	WELL	OR SACKS - CUBIC FT.
13 - 10			
9 - 5/8			
8 - 5/8)	200 ft.	200 ft.	Surface to 200 ft.
7	200 12.	200 11.	Surface to 200 ft.
5 1/2	897 ft.	897 ft.	
4 1/2	·.		Surface to 897 ft.
3 Well (M-4) will be an	instrumentation well.		Perf. Top
Liners be 10-12 months befo	e soon; however, it will		Perf. Bottom
Liners De 10 12 months belo	re completion.		Perf. Top
			Perf. Bottom
APPROXIMATE FRESH WATER	DEPTHS 40 FEET	SALT WATER	FEET
APPROXIMATE COAL DEPTHS	900 It.		
IS COAL BEING MINED IN THI	E AREA?No	BY WHOM?	•
TO DRILL:			
	OF OC 1 \$100.00 PERMIT		
OF PLAT.	Of OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE I	SOND AND PERMANENT COPY
TO DRILL DEEPER OR REDRIL	т.		
WELLS DRILLED PRIOR T	OF OG - 1, SHOWING ORIGINA	L PERMIT NUMBER AT	ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD
MUST ALSO BE SUBMITTE	D.	OF THE PLAT AND	THE ORIGINAL WELL RECORD
TO FRACTURE - STIMULATE:			
	NOW AND THE PARTY OF THE PARTY		
BOND, PERMANENT PLAT	RIGINALLY DRILLED BEFORE AND ORIGINAL WELL RECOR	JUNE 5, 1929, FIVE (5)	COPIES OG - 1, PERFORMANCE
OIL AND/OR GAS WELL OF	SIGNALLY DRILLED ON AND	.D.	
ING ORIGINAL PERMIT NUM	RIGINALLY DRILLED ON AND/ MBER,AND PERFORMANCE BO	OR AFTER JUNE 5, 192	29, FIVE COPIES OG - 1, SHOW-
four (24) hours in advance.	within ninety (90) days of com	pletion for bond release.	Inspector to be notified twenty-
(= 1) noute in advance.			
The following waiver must b	e completed by the coal operator	or if the permit is to be	inounal military
WAIVER: I the undersigned, Agen	t for Consolidation	_ Coal Company, Owner	Or Operator of the and
this lease have examine	d'and place on our mine maps	this proposed well locat	ion.
We the <u>Consolida</u>	Coal Company have	no objections to said	
providing operator has co	omplied with all rules and regulati	ons in Articles 4 5 and 5	7. Chapter 99 - 541 W
Code.	5	woics +, o, and	., Chapter 22 of the West Virginia
		Kay M	Vruelusu- Der Coal Company
		() (F)	or Cual Company

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



NOT 25 1982

AFFIDAVIT OF PLUGGING AND FILLING WELL

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

Consolidation C	oal Company	U.S.	Department of En	iergy
Northern West V	PERATOR OR OWNER.	***************************************	NAME OF WELL OF	
P.O. Box 1314,	Morgantown, WV 26505	P.O.	Box 880, Morgant	
	ADDRESS	Sept	complate abor ember 29	19 82
COAL O	PERATOR OR OWNER		WELL AND LOC	ATION
	ABBETTS	Gran	t	District
Mr. Walter B. S		Wetz	e1	Country
	R PROPERTY OWNER	***************************************		County
Smithfield, WV	2043/	Well. N	Smith-ERDA-M-	
		Walt	er B. Smith	Farm
STATE INSPECTOR S	UPERVISING PLUGGING	Robe	rt A. Lowther	45.00
			*** ·· • • • • • • • • • • • • • • • • •	-
STATE OF WEST		DAVIT		
	VIRGINIA,			•
County of Wetzel				
	r Brothers	_and		
peing first duly swe	orn according to law depose	and say th	at they are experien	aced in the work of
olugging and filling	oil and gas wells and were en	nployed by	U.S. Departme	nt of Energy
wen operator, and р	participated in the work of pl	ugging and	filling the above w	ell, that said work
	. 22		0.0	
was commenced on and filled in the foll	the 22 day of Septembe	r	, 1982, and that th	e well was plugged
was commenced on and filled in the foll ND OR ZONE RECORD	the 22 day of Septembe	r	1982, and that th	e well was plugged
ing lined in the lon	the 22 day of Septembe lowing manner:	r	19 82, and that th	e well was plugged
ND OR ZONE RECORD	the 22 day of Septembe lowing manner:	r	PLUGE USED	CASING
ND OR ZONE RECORD	the 22 day of Septembe owing manner: FILLING MATERIAL	r illed fro	PLUGE USED SIZE & KING the Pittsburgh	CASING
ND OR ZONE RECORD	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f	r illed from face with	PLUGE USED SIZE & KING the Pittsburgh cement contain-	CASING CASING
ND OR ZONE RECORD	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur	r illed from face with	PLUGE USED SIZE & KING the Pittsburgh cement contain-	CASING CASING
ND OR ZONE RECORD	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE A KING the Pittsburgh cement contain- bing e casing 2 feet	CASING CASING
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ND OR ZONE RECORD WARMATION	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE A KIND A the Pittsburgh cement contain— bing A casing 2 feet steel plate on	CASING CASING CASING CASING CASING CASING STORY 8 5/8" 5 1/2"
ND OR ZONE RECORD YORMATION COAL SEAMS	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE & KING the Pittsburgh cement contain— bing e casing 2 feet steel plate on	CASING CASING CASING CASING B 5/8" 5 1/2"
COAL SEAMS	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE & KING the Pittsburgh cement contain— bing Le casing 2 feet steel plate on DESCRIPTION Well location is	CASING CASING PULLED CEPT IN 8 5/8" 5 1/2" I OF MONUMENT s referenced from
COAL SEAMS	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE & KIHO A the Pittsburgh cement contain— bing The Casing 2 feet steel plate on DESCRIPTION Well location is monument erected.	CASING CASING PULLED CEPT IN 8 5/8" 5 1/2" I OF MONUMENT s referenced from
COAL SEAMS	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	r illed from face with 'y'' s.s. to ing off t	PLUGE USED SIZE & KING the Pittsburgh cement contain— bing Le casing 2 feet steel plate on DESCRIPTION Well location is	CASING CASING PULLED CEPT IN 8 5/8" 5 1/2" I OF MONUMENT s referenced from
COAL SEAMS	the 22 day of Septembe owing manner: FILLING MATERIAL This monitor well is f Coal (900') to the sur ing monitor wires and Plugging entailed cutt below the surface and	illed from face with the second secon	PLUGE USED SIZE & KIHO A the Pittsburgh cement contain— bing The Casing 2 feet steel plate on DESCRIPTION Well location is monument erected to 103-0636-P	CASING CASING PULLED CEPT IN 8 5/8" 5 1/2" I OF MONUMENT s referenced from

Sworn to and subscribed before me this

My commission expires:

WET-637 P

Notary Public.

Permit No. 103-0637-P