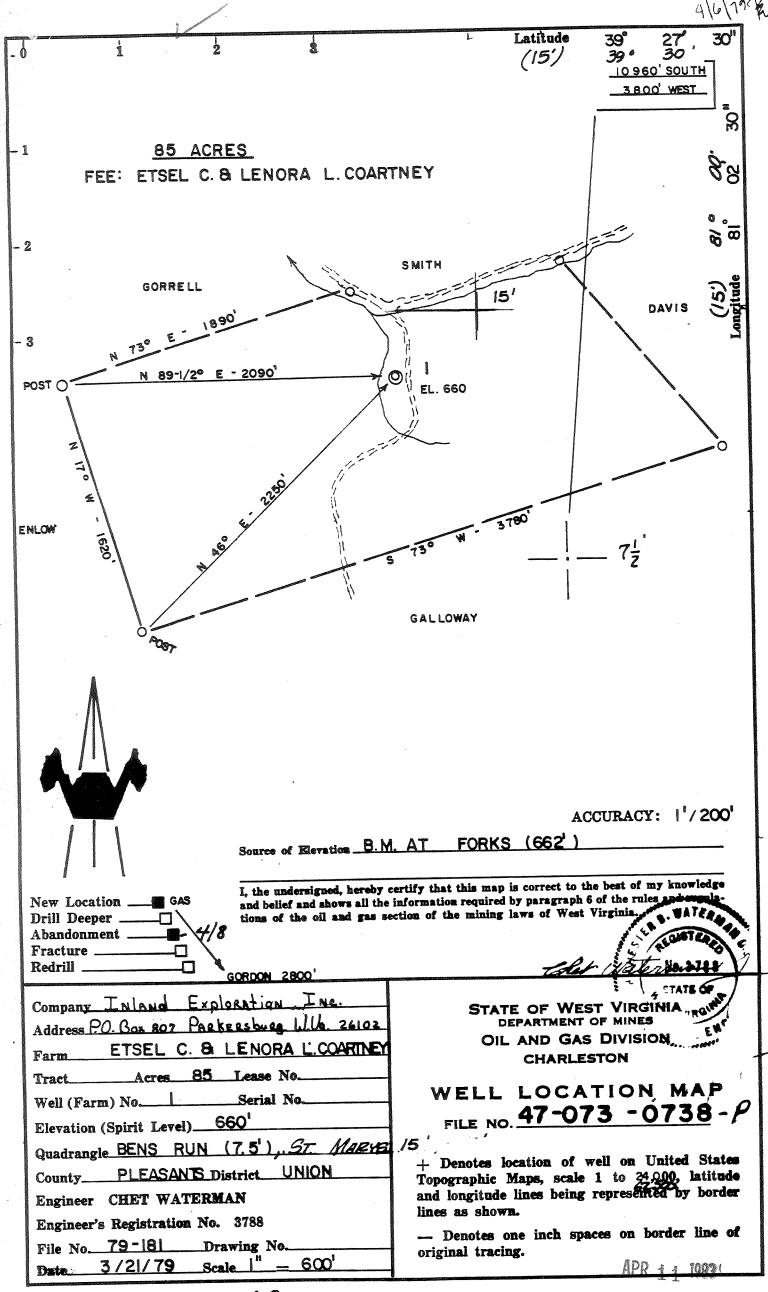
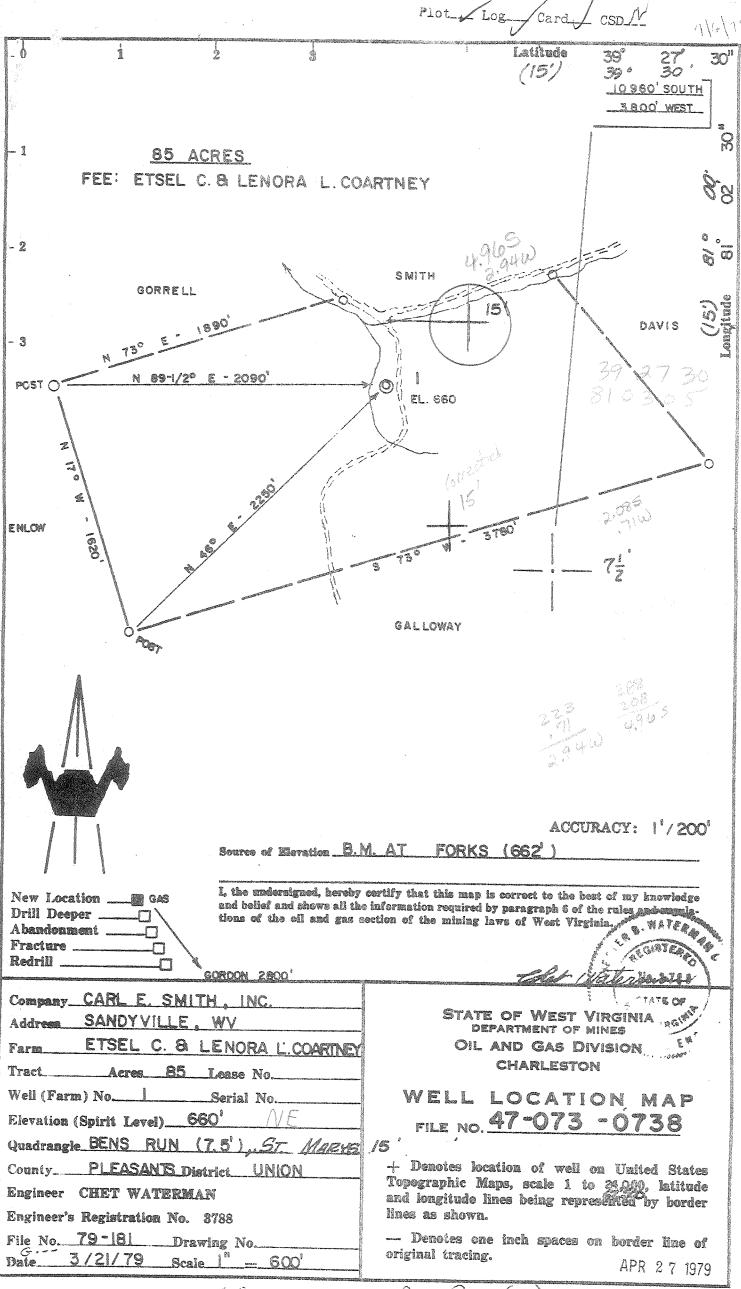


2800 Gordon



PLEAS. 0150.

2800 Gordon



2-2 Bens Run (80)

July 9

			• '
13	Operator's	Ctsel	Coartn

Well No. 1-185

FORM IV-35 (Obverse)

[08-78]

WELL OPERATOR'S REPORT API Wel No. 47 _ 073 _0738

OF OP OF COUNTY LEINIT

DESTINATED WORK: Drail X / Genvert / Drail deeper / Rearill / Fracture or straulate Plug cit of formation / Perforate new formation / Util 1 31979 Other physical change in well (specify) Other physical change in well (specify) Other PLUGGING OF DAY HOLE ON CONTINUES POORSSION FROM DRILLING OR REWORKING, VERBAL PERMISSION OCTAINED Depth of completed well, 2796 feet Rotary X / Cable Tools Water strata depth: Presh, 150 feet; mait, 1726 feet. Coal seam depths: Note Noted Is coal being mined in the area? NO Work was commenced May 29 19 79, and completed June 5 10 70 CASING AND TUSING PROGRAM CASING AND T	WELL TYPE:									
Discrete: Union County: Pleasants Cundengie: Bens Run 7.5! Mell Operator Carl E. Smith, Inc. Addrew P.C. Son 4 Addrews P.O. Box 1 Sandyville, WY 25275 On. Casl Dwison On. Casl Dwison DEPT. Of MINE To Coll i des Instance or the This West Sand P. D. Sex 173, Nodd St. Haddleburn, WY 25146 Sand P. D. Sex 173, Nodd St. Haddleburn, WY 25146 Sand Sandy WY										
NELL OPERATOR CRY E. Smitch, Inc. Designated again Carl E. Smitch, Inc. Address P.O. Box 4 Address P.O. Box 4 P.O. Box 5 P.O. Box 4 P.O. Box 5 P.O. Box 6 P.O. Box 7 P.O. Box 7	LOCATION:	Elevati	on:	660	and the second of the second	Watershed:	Branch of Mid	dle Island	Creek	
### PROFESS FOR SAME ADDRESS FOR THE PROPERTY OF THE PROPERTY		Distric	the se	Union	sameterija od svelja i made	County: Pl	easants Qu	idrangle: Be	ens Run 7.5'	4 - 114
### PROFESS FOR SAME ADDRESS FOR THE PROPERTY OF THE PROPERTY	WELL OPERAT	OR	Carl	E. Smi	lth, I	10 0	DESIGNATED AGE	NT Carl	E. Smith, Inc.	
PRIMITION NORM: Drill X / Convert / Drill desper / Reutill / Freeture or stimulate Plug off old formation / Ferforate new formation / JUL 10 1879 Other physical change in well (specify) OUL C.G.S DINISON DEPT. OF MINNEY. PREMIT ISSOID ON A2711.6 . 19.79 OIL 1 OSS INSTRITOR FOR THIS WORK: (IF APPLICABLE: PLUDUENG OF DAY NOLE ON CHAINCEST TOWNERS OF PAY NOLE ON CHAINCEST FORMATION OF DAY NOLE ON CHAINCEST FORMATION OF DAY NOLE ON CHAINCEST FORMATION: GOOD REVORDING. VERRAL PROTESTIC OFFICE / Middlebourn, MV 76140 JEOLOGYCAL TARGET FORMATION: GOOD Beat; Salt, 1726 Feet. Cond seak depths: Fresh, 150 feet; Salt, 1726 Feet. Cond seak depths: Rone Hoted is coal being mined in the area? NO. Work was commenced May 29 19.79, and completed June 5 10.70. CASING AND TUBBLE FECTAM. CASING AND TUB							Address	P.O.	Pox 4	ege int
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OUL CASIONSON DEFT. OF MINEST PRIMITES APPLICABLE PLUGGING OF DAY MODE ON CONTINUOUS PRODUCTIONS FROM ENTISM OR NAME Philip. Let Tracy address P.O. Rox 173, Bodd St. Hiddlebourn, WV 26149 GEOLOGICAL TARGET FORMATION: Gordon Depth 28001 Teet Depth of completed well, 2796 Cest Rotary K / Gaule Tools Water strats depth: Frech, 150 Sest; selt, 1726 Feet. Coal seem depth: Rome Noted Is sool being mined in the area? NO Work was commenced May 29 19 79, and completed June 5 10 79 CASING AND TURING PROGNAM CASING AND TURING PROGNAM	All Shared his high all all shall dear the	District: Union county: Pleasants Quadrangle: Bans Run 7.5. L OPERATOR Carl E. Smith, Inc. Address P.O. Box 4 Sandywille, WV 25275 MITTED WORK: Drill X / Sonvert / Drill deeper / Redrill / Fracture or stimulate Plug off old formation / Ferforate new formation / JUL 10 1079 Other physical change in well (specify) ON, 8.C.S. SUNSON: DEFT. OF MINE. T. P AFFILIABLE: PLUGLEW ON DAY NOLE ON COMPINIOUS PROPRESSION FROM BRILLING ON REWORKINO TENENT PROPRESSION FROM BRILLING ON REWORKINO TENENT PROPRESSION FROM BRILLING ON REWORKINO TENENT PROPRESSION OF DATA NO. Depth of completed well, 2796 feet Rotary X / Cable Tools Depth of completed well, 2796 feet Rotary X / Cable Tools Water strate depth: Presh, 150 feet; sait, 1726 feet. Coal seem depths: None Noted // We coal being mined in the area? NO. Mork was commenced May 29 , 19 79, and completed June 5 , 19 79 SING AND TUBING FROGRAM SING ON RESPICITORIONS FOOTAGE INTERVALS SING AND TUBING FROM 32.75 X / 250								
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CIP APPLICABLE: FLUCGING OR DAY NOLE ON PRODUCTION OF SECONTINUOUS PRODUCESSION FROM SHILLING OR Address F.O. Box 173, Dodd St. Hiddlebourn, WV 2614° 19			and Angle (1994) and a	Magazian da ki ki ki ki ngapanaga da kan ma kan mita da ki ki ki	and the factor of the deposit products and the second	nun yardan este a kinin ennak ilikakintaka titunintaka tituninta tahun tahun tahun tahun kinin z	and the second s	-		-
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Coal seam depths: None Noted										
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Conductor 10 2 2 2 2 2 2 2 2 2		F. 10	Q.	:Weight	1			OR SACKS		
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AM IV-35 everse)

8-787

TAILS OF FERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

2690-2700 w/4, 2656-2666 w/4, 2639-2649 w/4, - Acidized w/500 ral. 15% HCL, No Results, Plug back to 2550° w/ Pock and Clay. Perf:

Perf: 2313-2483 w/30 holes

HOWCO Frac on 6-21-79 w/1000 bbl water, 20% 15 80/100 Sa, 60M 11 20/40 Sa, 500 Gal. 15% HCL, 500% WG-12, 32 Gal. FR, 55 Gal. parasperse, 30 Gal. Cla-Sta-B, 20 Gal. Frac Flo: BD 1800%, ATP 2250, ATR 40.9 bpm, ISTCD 1300% 107,000 SCF Nitrogen.

LL LOG

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FORMATION	Color	llard or Soft	34 Top Feet	Bottom Feet	Remarks Including indication of all fresh and salt water, coal, oil and as
Sand & Shale	STATE OF THE PROPERTY OF THE P	CONTROL CONTRO	0	1438	Miss. Undiff.
Limestone	White	Hard	1438	1522	Big Lime
Shale	Dark	Soft	1522	1578	
Sandstone	Light	Hard .	1578	1726	Big Injun
Shale & Sand	Dark	Soft	1726	2492	Gordon Stray Abs.
Sandstone	Dark	Hard	2492	2504	Gordon
Shale	Dark	Soft	2504	2796	
TOTAL DEPTH				2796	
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		Topic participation of the control o			
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(Attach separate sheete to complete as necessary)

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Thomas T	'。Sand	ers		
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Manager	- Expl	oration	8 Do	valanmane
	Thomas I	Thomas P. Sand	Thomas P. Sanders	Carl F. Smith, Inc. perator Thomas P. Sanders Manager - Exploration & De

Regulation 2.02(i) provides as follows:

OTE:

"The term 'lop' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a wall."

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FORM IV-2 STATE OF WEST VIRGINIA (Obverse) DEPARTMENT OF MINES, OIL AND GAS DIVISION	Date: April 4 , 19 79
[08-78] OIL AND GAS WELL PERMIT APPLICATION	Operator's Well No1
OSB AND MAN WIEBS TERMIT ATTRICATION	API Well No. 47 - 073 - 0738 State County Permit
WELL TYPE: 011 / Gas X / The presenting the transfer that the company of the comp	
	ep/ Shellow X /)
LOCATION: Elevation: 660' Watershed: Branch of Middle	Island Creek-
District: Union County: PLeasants Quadra	angle: Bens Run 7.5'
WELL OPERATORCARL E. SMITH, INCDESIGNATED AGENT	CARL F. SMITH INC
Address P. O. Boy 4	P.O. Box 432235 14211224512
	Sandyville, WV 25275
	SandyVIIIe, WV-122273
OIL & GAS Ft.col and Longra Coontrol	
COAH OF EMATOR	None
Address Star Route Address Bens Run, WV 26135	
<u> </u>	DECLARATION ON PECCED:
	nd Lenora Coartney
Address Star Route Address St	
	ns Run, WV 26135
Acreage 85 Name	
PIELD SALE (1F MADE) TO:	
Jame	
	ECLARATION ON RECORD:
TI ? CAC INCREMENT TO DE NOMINION	
ame Phillip Lee Tracy	- Care
	APR - 6 1979
Address—P. O. Box 173, Dodd St.	
Middlebourn, WV 26149 Ph: 758-4573	OIL & GAS DIVISION
The undersigned well operator is entitled to operate for oil or	DEFI. OF MINES gas purposes at the above
ocation under a deed/ lease X / other contract/ dated	March 7 , 19 79 , to the
ndersigned well operator from <u>Etsel and Lenora Coartney</u>	<u> </u>
If said deed, lease, or other contract has been recorded:]	
ecorded on out being recorded, in the office of the Clerk of the Co	ounty Commission of
ounty, West Virginia, in Book at page A	permit is requested as follows:
PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture	
Plug off old formation / Perforate new formation	
Other physical change in well (specify)	•
planned as shown on the work order on the reverse s	
The above named coal operator, coal owner(s), and coal lessee an	
estion they wish to make or are required to make by Code § 22-4-3 must	
Mines within fifteen (15) days after the receipt of this Application by	
Copies of this Permit Application and the enclosed plat and recl	
registered mail or delivered by hand to the above named coal operator,	
or before the day of the mailing or delivery of this Permit Application	The second of th
parleston, West Virginia.	. 40 one poparement of miles a
LEASE SUBMIT COPIES OF ALL COPHYSICAL LOGS DIRECTLY TO:	
CARL E. SI	
CONSERVATION COMMISSION 15 WASHINGTON STREET EAST	1) Operator
IARLESTON, WV 25311	Kan X
LEPHONE: (304) 348-3092 By President	
Its Its	

PROPOSED WORK ORDER	PORM IV-2				-			•		See 1
PRODUCE WORK ONCE A ACTUAL INFORMATION NUMBER OF SUMBIFFE ON FORK IN 15 UPON COMPLICATION 12 TO	(Reverse)	makes to the control of the control	in datas standing opt	:	GOICIVI	THOTWIK .	ardı v Verbin	V FO ETATO IMAN 85 THER	THE STATE OF THE S	
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DRILLING CONTRACTOR (IF EMBON) Address P. O. Box 4:0000 Sandwille, W 25275 SECURICAL TARGET MURMATION, Gordon SECURICAL TARGET MURMATION, Gordon SECURICAL TARGET MURMATION, Gordon SECURICAL TARGET MURMATION, Gordon Approximate where strain depths: Presh, 100 Feet, ant, 1500 Feet. Approximate where strain depths: None expected To can being sized in the sreat Yer To X ASSING OR SHE TURING PROGRAM MURING TYPE SIZE Grade Per Rive Used Tord crilling both until (Coult Text) Conduction 10 3/ "Mad 32.755 X 250 750 Tord United Coult Text) Conduction 10 3/ "Mad 32.755 X 250 250 750 Wes Burkace Kinds Fresh water Conduction 4 1/2"K55 10.56 X 2800 2800 125 Depths ant Unding 2 3/8"U55 4.66 X 2800 800 125 Depths ant Coulting 2 3/8"U55 4.66 X 2800 800 125 Depths ant Assert Made Size Size Size Size Size Size Size Siz						THIS IS AN	ESTIN	MATE ONLY: ON FORM IV-3	V 255 S UPON COMPLETI	ON ACT 373
Sandwille, W 25275 Sandwi	DRILLING COM									i e
Sandwwille, WV 25275 SECTIONICAL TARGET FORMATION; Cordon: Estimated depth of completed well, 2800 Feet Rotary X Cible tools Approximate water strata depths: Fresh, 100 Feet; salt, 1500 Feet. Approximate water strata depths: Fresh, 100 Feet; salt, 1500 Feet. Approximate water strata depths: Fresh, 100 Feet; salt, 1500 Feet. Approximate coal soun depths: Xone expected Ts coal being mined in the area? Yes The X LASING AND TUBING PROGRAM ASING ON TUBING THE Size Graw peer Tilley Used For drilling Laft in well General Fill-UP Conductor 10 3/8"H40 32.755 X 250 250 To Surface Kinds Fresh water The Yes The Yes The Yes The Yes To Surface Kinds Fresh water The Yes The Yes The Yes To Surface The Yes To Surface The Yes The Yes To Yes To Surface To Yes To Surface The Yes The Yes To Yes To Surface To Yes To Surface The Yes The Yes To Yes To Surface To Yes To Surface The Yes To Yes To Yes To Surface The Yes To Yes To Yes To Yes To Yes The Yes To Yes To Yes To Yes To Yes The Yes To Yes To Yes To Yes To Yes The Yes To Yes To Yes To Yes To Yes The Yes To Yes To Yes To Yes To Yes The Yes To Yes To Yes To Yes To Yes The Ye	angle to appropriate the definition of the definition of the second section of the section of the second section of the section			and the second s	_					
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107E: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, ancompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation same will, the for required by Code § 22-4-12a, and (ii) if amplicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well. A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and in the stand and the form IV-2 shall not be required for fracturing or stimulating well where fracturing or stimulating is to be part of the work for which a permit is sought and in the stand and a provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expite if the code of the code is a permit in the form of a permit in the form of a permit is sought and the following where must be completed by the code operator and by any code owner or code leases who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: WAIVE H The undersigned coal operator / owner / lessee / of the coal under this well occation, the well location has examined this proposed well location. If a mine map exists which covers the area of the ell location, the well location has one added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided; the well operator has complied with all permits of the West Virginia Code and the governing regulations.	Tubing	2 3/	8"J55	4.6#	X	28	00	A POLICE AND A SECOND S		**************************************
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By _____Its __

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