

FILE NO 83-30
 DRAWING NO _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1" IN 500'
 PROVEN SOURCE OF ELEVATION S.M. ELEV. 626'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Willie J. Whitman L.L.S.
 R.P.E. _____ L.L.S. 646

JUL 18 1985
 RECEIVED
 DEPARTMENT OF MINES
 STATE OF WEST VIRGINIA

(X) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV E (678)



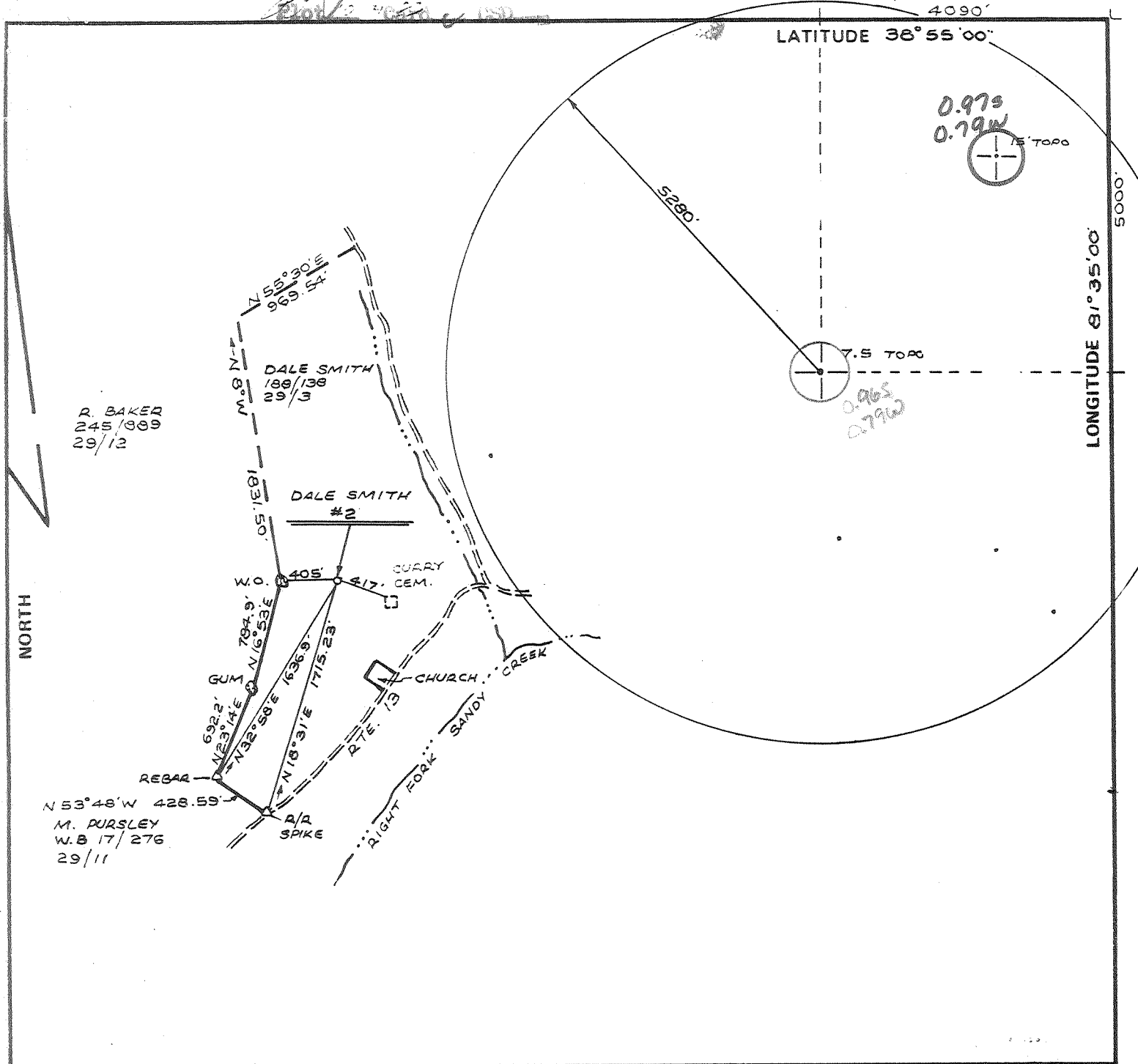
DATE 8/11, 19 83
 OPERATOR'S WELL NO DALE SMITH #270
 API WELL NO _____
47 - 035 - 1904 P
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE OIL GAS LIQUID INJECTION WASTE DISPOSAL _____
 IF GAS PRODUCTION STORAGE DEEP SHALLOW _____
 LOCATION ELEVATION 793' WATERSHED RIGHT FORK OF SANDY CREEK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL
 SURFACE OWNER DALE SMITH ACREAGE 98
 OIL & GAS ROYALTY OWNER DALE SMITH LEASE ACREAGE 98
 LEASE NO _____
 PROPOSED WORK DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION NEWBURG ESTIMATED DEPTH 5850'
 WELL OPERATOR CARLE SMITH PETROLEUM INC DESIGNATED AGENT SAME
 ADDRESS SANDYVILLE ADDRESS _____
W.V. 25275 DEEP WELL 6091k-Poca (Sissonville) (1982)

AUG 12 1985
 AUG 1 1985



FILE NO. 83-30
 DRAWING NO. _____
 SCALE 1"=1000'
 MINIMUM DEGREE OF ACCURACY 1" IN 500'
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 626'

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 (SIGNED) Willie J. Whitman L.L.S.
 R.P.E. _____ L.L.S. 646

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6
 (8-78)



DATE 8/11, 19 83
 OPERATOR'S WELL NO. DALE SMITH #2
 API WELL NO. _____
47 - 035 - 1904
 STATE COUNTY PERMIT

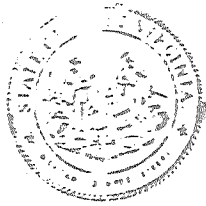
STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP SHALLOW _____
 LOCATION: ELEVATION 793' WATER SHED RIGHT FORK OF SANDY CREEK
 DISTRICT RAVENSWOOD COUNTY JACKSON
 QUADRANGLE LIVERPOOL Ripley 15' C
 SURFACE OWNER DALE SMITH ACREAGE 98
 OIL & GAS ROYALTY OWNER DALE SMITH LEASE ACREAGE 98
 LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION NEWBURG ESTIMATED DEPTH 5850'
 WELL OPERATOR CARL E. SMITH PETROLEUM INC. DESIGNATED AGENT SAME
 ADDRESS SANDYVILLE ADDRESS _____
W.V. 25275 deepwell

NOV 07 1983

WV-35
(REV 8-81)



State of West Virginia
Department of Mines
Oil and Gas Division

Date July 29, 1985
Operator's Well No. 270
Farm Dale Smith
API No. 47 - 035 - 1904

WELL OPERATOR'S REPORT
OF
DRILLING, FRACURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow)

LOCATION: Elevation: 793' Watershed Right Fork of Sandy Creek
District: Ravenswood County Jackson Quadrangle

COMPANY Carl E. Smith Petroleum, Inc.
ADDRESS P.O. Box 4, Sandyville, WV 25275
DESIGNATED AGENT Carl E. Smith
ADDRESS P.O. Box 4, Sandyville, WV 25275
SURFACE OWNER Dale Smith
ADDRESS Liverpool Road, Duncan, WV 25240
MINERAL RIGHTS OWNER Dale Smith
ADDRESS Liverpool Road, Duncan, WV 25240
OIL AND GAS INSPECTOR FOR THIS WORK
Jerry Tephacock ADDRESS Rt. 1, Box 101A, Ripley, WV 25271
PERMIT ISSUED 11-1-83
DRILLING COMMENCED 9-17-84
DRILLING COMPLETED 9-25-84
IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PRODUCTION FROM DRILLING OR REWORKING. MINERAL PERMISSION OBTAINED ON 9-25-85

Casing Tubing Size	Used in Drilling	Left in Well	Cement Fill up Cu. ft.
20-16 Cond.			
11 3/4" X 11 3/4"	728'	728'	305 sks
9 5/8			
8 5/8	2566'	2566'	150 sks.
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Newburg Depth 5850 Feet
Depth of completed well 5260 feet Rotary / Cable Tools
Water strata Depth: Fresh -- feet; Salt -- feet
Coal seam depths: ---- Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Shale Pay zone depth 3250-4420 feet
Gas: Initial open flow -0- Mcf/d Oil: Initial open flow -0- Bbl/d
Final open flow -0- Mcf/d Final open flow -0- Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 25 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)
Second producing formation Pay zone depth feet
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

(Continue on reverse)
rec'd from chslg 12/1/85

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

Not Treated

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all gas and salt water, coal, oil and
Not Logged					
Big Injun			2046	2110	
Berea			2474	2478	
Not Logged					
Drilling Record					
Granddara Line			5095'		
Grishany			5110'	5249	
Total Depth			5260		

(Use separate sheets as necessary)

Carl W. Smith Petroleum, Inc.

By: *Carl E. Smith* (Carl E. Smith, President)
Date: July 29, 1983

Notes: Log Section 4.2(a) provides as follows:
"The term 'log' or 'well log' shall mean a systematic recorded geological record of all formations, including coal, encountered in the drilling of a well."



1) Date: October 11, 19 83
 2) Operator's Well No. 270
 3) API Well No. 47 - 035 - 1904
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas X /
 B (If "Gas", Production / Underground storage / Deep X / Shallow)
 5) LOCATION: Elevation: 793' Watershed: Right Fork of Sandy Creek
 District: Ravenswood County: Jackson Quadrangle: Liverpool
 6) WELL OPERATOR Carl E. Smith Petroleum, Inc. 7) DESIGNATED AGENT Carl E. Smith
 Address P. O. Box #4 Address P. O. Box #4
Sandyville, WV 25275-0004 Sandyville, WV 25275-0004
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Homer H. Dougherty Name Carl E. Smith Petroleum, Incorporated
 Address Linden Route Box 3A Address P. O. Box #4
Looneyville, WV Sandyville, WV 25275-0004
 10) PROPOSED WELL WORK: Drill X / Drill deeper / Redrill / Stimulate
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify)
 11) GEOLOGICAL TARGET FORMATION, Newburg
 12) Estimated depth of completed well, 5850 feet
 13) Approximate trata depths: Fresh, 190 feet; salt, 1700 feet.
 14) Approximate coal seam depths: N/A Is coal being mined in the area? Yes

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 OCT 14 1983

OIL & GAS DIVISION
 DEPT. OF MINE

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	9 5/8			X		250'		to surface	Kinds by rule 15.05
Fresh water									
Coal									Sizes
Intermediate	7			X		2400'		100 sacks	
Production	4 1/2			X		TD if productive		200 sacks	Depths set or as required by rule 15.01
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-035-1904

Date November 1, 1983

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires November 1, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>TBB</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee <u>5569</u>
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[Signature]
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

RECEIVED
AUG 20 1985

AFFIDAVIT OF PLUGGING AND FILLING WELL

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

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.

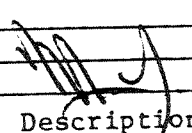
<u>None</u> Coal Operator or Owner	<u>Carl E. Smith Petroleum, Inc.</u> Name of Well Operator
Address	<u>P. O. Box #4; Sandyville, WV 25275-0004</u> Complete Address
Coal Operator or Owner	<u>August 15</u> 19 <u>85</u> WELL AND LOCATION
Address	<u>Ravenswood</u> District
<u>Dale Smith</u> Lease or Property Owner	<u>Jackson</u> County
<u>Liverpool Road; Duncan, WV</u> Address	WELL NO. <u>#270</u>
	<u>Dale Smith</u> Farm

STATE INSPECTOR SUPERVISING PLUGGING Jerry Tephabock

AFFIDAVIT

STATE OF WEST VIRGINIA,
County of Jackson ss:
John T. Stone, Jr. and Jack Sutherland

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Carl E. Smith Petroleum, Inc., well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of August, 19 85, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
5260 - 4432' (Oriskany & Marcellus)	150 sacks of Cement	11 3/4"		728'
3935 - 3835' (Top of Brown Shale)	29 sacks of Cement	8 5/8"	1850	716
2630 - 2500' (Berea)	38 sacks of Cement			
1900 - 1800' (Casing Cut Off)	29 sacks of Cement			
800 - 700' (Pittsburg)	50 sacks of Cement			
50 - Surface (Surface Plug)	30 sacks of Cement			
(Hole was gelled between plugs with 41 sacks of Bentonite)				
 8/22/85 Description of Monument				
Coal Seams		8" Casing 30" High Including:		
(Name)		API WELL NO., COMPANY NAME,		
(Name)		LEASE NAME, WELL NO., & PLUG		
(Name)		DATE		
(Name)				

and that the work of plugging and filling said well was completed on the 9th day of August, 19 85.

And further deponents saith not.

Sworn to and subscribed before me this 15th day of August, 19 85.
John T. Stone, Jr. John T. Stone, Jr.
Jack E. Sutherland Jack Sutherland
Norman Dyest
 Notary Public

My commission expires:
March 24, 1990
 Permit No. 251904
 035