



FILE NO. 81-42
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION KN08 1090

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) Neal Hughes
 R.P.E. _____ L.L.S. 632

PLACE SEAL HERE

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

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1040 WATER SHED PURSLEY CREEK
 DISTRICT LINCOLN COUNTY TYLER
 QUADRANGLE PADEN CITY 7.5' New Martinsville 15 SE SW

SURFACE OWNER JAMES BEAVER ACREAGE 52
 OIL & GAS ROYALTY OWNER J. BEAVER 1/2, H. WOODBURN 1/4, R. PIATT 1/4 LEASE ACREAGE 52
 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 DEVONIAN SHALE ESTIMATED DEPTH 5900'
 WELL OPERATOR PANTHER FUEL CO. DESIGNATED AGENT D. VILLERS
 ADDRESS Box 345, SHINNISTON, W.V. ADDRESS Box 647, WESTON, W.V.



DATE OCTOBER 8, 1981
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-095-0962
 STATE 47 COUNTY 095 PERMIT 0962

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

NOV 1 9 1981



IV-35
(Rev 8-81)

Date August 12, 1982
Operator's
Well No. One (1)
Farm J. Beaver
API No. 47 - 095 - 0962

State of West Virginia
Department of Mines
Oil and Gas Division

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

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

LOCATION: Elevation: 1,040 Watershed Pursley Creek of the Ohio River
District: Lincoln County Tyler Quadrangle Paden City 7.5'

COMPANY PANTHER FUEL COMPANY
ADDRESS P. O. Box 850, Bridgeport, WV 26330
DESIGNATED AGENT DONNALLY VILLERS
ADDRESS P. O. Box 647, Weston, WV 26452
SURFACE OWNER J. Beaver et al
ADDRESS Rt. #2, Sistersville, WV
MINERAL RIGHTS OWNER Same
ADDRESS Same
OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracey ADDRESS Middlebourne, WV
PERMIT ISSUED December 1, 1981
DRILLING COMMENCED January 22, 1982
DRILLING COMPLETED January 30, 1982
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1,201	1,201	to surface
7			
5 1/2			
4 1/2		4,120	500 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Braillier Shale Depth 4,120 feet
Depth of completed well 3,980 feet Rotary X / Cable Tools
Water strata depth: Fresh 65 feet; Salt 1,170 feet
Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA None
Producing formation Braillier Shale Pay zone depth 3,980? feet
Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d
Final open flow 1,250 Mcf/d Final open flow 30 Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure psig (surface measurement) after 72 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) 8/28/82

(REVERSE)

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

Halliburton 1,018,000 N₂ 6 High Volume

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil			-0-	45	
Big Lime			1,725	1,830	
Big Injun			1,830	1,950	Gas & Oil
Weir Sandy Sand			2,210	2,308	
Gantz			2,630	2,645	
Gordon Sand			2,784	2,820	
Braillier Shale			3,385	4,120 T.D.	Gas & Oil Huron @ T.D. 4120 ~2400 ~ Berea 1720

(Attach separate sheets as necessary)

PANTHER FUEL COMPANY

Well Operator

By: Robert [Signature] Vice President

Date: _____

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."