



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 3000'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION WELL NO 1-A N18°30'W 1450' ELEV = 1093'

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. *Mark C. Echard*
 (SIGNED) MARK C. ECHARD
 R.P.E. _____ L.L.S. 490



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



DATE MARCH 3, 1980
 OPERATOR'S WELL NO. IWG-A
 API WELL NO. _____
47 - 103 - 1175
 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 1084' WATERSHED BUFFALO RUN
 DISTRICT GRANT COUNTY WETZEL
 QUADRANGLE FOLBOM 7.5' No Carpenter 15'
 SURFACE OWNER LEWIS WETZEL HUNTING AREA ACREAGE 2200'
 OIL & GAS ROYALTY OWNER ALMA CARLIN PIGGOTT HEIRS LEASE ACREAGE 2200
 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 3rd SAND ESTIMATED DEPTH 3400'
 WELL OPERATOR FERRELL L. PRIOR DESIGNATED AGENT MR. VERAL SUMMERS
 ADDRESS P.O. BOX 1486 ADDRESS P.O. BOX 1486
PARKERSBURG, W.VA. 26101 PARKERSBURG, W.VA. 26101



IV-35

(Rev 8-81)

RECEIVED
MAR 30 1987

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date March 27, 1987
Operator's
Well No. 2
Farm Dewhurst
API No. 47 - 103 - 1175

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1084 Watershed Buffalo Run of Fishing Creek
District: Grant County Wetzel Quadrangle Folsom 7.5

COMPANY Ferrell L. Prior

ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.

DESIGNATED AGENT Ferrell L. Prior

ADDRESS 4818 Rosemar Road, Parkersburg, W. Va.

SURFACE OWNER Union Trust National Bank

Trustee C. Burke Morris - Wetzel

ADDRESS Hunting Club

MINERAL RIGHTS OWNER Alma Carlin Piggott Heirs

ADDRESS Bloomsburg, Pa.

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourne .W.Va.

PERMIT ISSUED

DRILLING COMMENCED 4-16-1981

DRILLING COMPLETED 4-20-1981 ✓

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"	250	250	To surface
7"			
5 1/2"			
4 1/2"		3250	350 sks. Cemen
3"			
2"			
Liners used			

GEOLOGICAL TARGET FORMATION Fifth Sand Depth 3200 feet

Depth of completed well 3250 feet Rotary / Cable Tools x

Water strata depth: Fresh 60 120 feet; Salt None feet

Coal seam depths: None Is coal being mined in the area? No.

OPEN FLOW DATA

Producing formation Big Injun Berea Fifth Pay zone depth 2090 3000 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow Mcf/d 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

(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 side)

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

Dowell Frac June 1981

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
No Record			0	1500	
1st Salt Sand			1500	1600	
Slate & Shell			1600	1650	
Sand			1650	1700	
Slate & Shell			1700	1800	
Sand			1800	1945	
Slate & Shells			1945	2015	
Sand Maxon			2015	2055	
Shale			2055	2100	
Little Lime			2100	2160	
Shale			2160	2180	
Big Lime			2180	2210	
Keener			2210	2258	
Big Injun			2258	2364	Show of Oil
Shale			2364	2514	
Berea Sandstone			2514	2525	
Shale			2525	2710	
Gordon Stray Sandstone			2710	2746	
Shale			2746	2916	
Gordon Sandstone			2916	2955	Show of Oil
Shale			2955	3012	
Murryville Sandstone			3012	3015	
Shale			3015	3250	
Total Depth			3250		

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DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

(Attach separate sheets as necessary)

James G.
Well Operator

By: *James G.*

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."

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

PROPOSED WORK ORDER TO X DRILL _____ DEEPEN _____ FRACTURE-STIMULATE _____
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:
 NAME Gene Stalnaker, Inc. NAME Vearl Summers
 ADDRESS P. O. Box 178 ADDRESS P. O. Box 1486
 TELEPHONE 462-5701 TELEPHONE 485-7419
 ESTIMATED DEPTH OF COMPLETED WELL: 3300 ROTARY X CABLE TOOLS _____
 PROPOSED GEOLOGICAL FORMATION: 5th Sand
 TYPE OF WELL: OIL _____ GAS _____ COMB. X STORAGE _____ DISPOSAL _____
 RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
13 - 10			
9 - 5/8			
8 - 5/8	250	250	To Surface
7			
5 1/2			66
4 1/2		3300	150 sks
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 80 FEET _____ SALT WATER _____ FEET _____
 APPROXIMATE COAL DEPTHS N/A
 IS COAL BEING MINED IN THE AREA? N/A BY WHOM? _____

TO DRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:

SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:

OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.

OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title