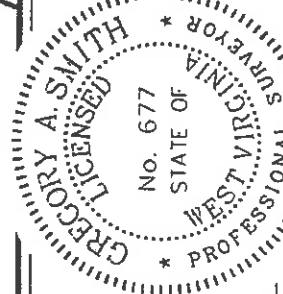


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. *Gregory A. Smith*
 677



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE FEBRUARY 17, 20 04
 OPERATORS WELL NO. DYE NO. 1
 API WELL NO. 47 - 017 - 04807
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE)
 FILE NO. 5445P1 (160-37 & 41)
 SCALE 1" = 500'

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,004' WATERSHED LITTLE BATTLE RUN

DISTRICT McCLELLAN COUNTY DODDRIDGE QUADRANGLE SALEM 7.5'

SURFACE OWNER CHARLES G. UNDERWOOD, ET UX ACREAGE 34.36±

ROYALTY OWNER MARRY F. MUTSCHELKNAUS, ET AL LEASE ACREAGE 39.75 OF 113± LEASE NO. _____

PROPOSED WORK:
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
 FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION GORDON ESTIMATED DEPTH 3,000'

WELL OPERATOR INTERSTATE PRODUCTION COMPANY DESIGNATED AGENT ROGER A. MURRAY
 ADDRESS 118 EAST MAIN STREET BRIDGEPORT, WV 26330

(Signature - Fred S. ... 99)

12-77

Well Operator's Report of Well Work

Farm name: Charles G. Underwood, et ux

Operator Well No.: Dye #1

LOCATION: Elevation: 1,004'

Quadrangle: Salem 7 1/2'

District: McClellan

County: Doddridge

Latitude: 7,650 Feet

South of 39 Deg. 22 Min. 30 Sec.

Longitude: 6,940 Feet

West of 80 Deg. 35 Min. 00 Sec.

Company: INTERSTATE PRODUCTION COMPANY

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
118 East Main Street Bridgeport, WV 26330	11 3/4"	32'	Pulled	
Agent: Roger A. Murray	8 5/8"	1,020'	1,020'	230 sx.
Inspector: Mike Underwood	4 1/2"		2,856'	255 sx.
Date Permit Issued: 3/18/04				
Date Well Work Commenced: 3/30/04				
Date Well Work Completed: 4/04/04				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): 2,904				
Fresh Water Depth (ft.): 35'				
Salt Water Depth (ft.): 1,070'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 600'				

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2,729' - 2,792'
 Gas: Initial open flow Odor MCF/d Oil: Initial open flow Bbl/d
 Final open flow 296 MCF/d Final open flow show Bbl/d
 Time of open flow between initial and final tests Hours
 Static rock Pressure 218 psig (surface pressure) after 96 Hours

Second producing formation Keener, Big Injun, Gordon Stray Pay zone depth (ft) 1,979' - 2,662'
 Gas: Initial open flow * MCF/d Oil: Initial open flow * 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 pressure) after * Hours
 * Comingled

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed:

By:  Roger A. Murray, Secretary/Treasurer

Checked by: _____
 MAY 17 2004
 WV Department of Environmental Protection

0000 4807

MAY 10 2004

4 Stage Frac

Gordon	2,729' - 2,792'	14 holes	20,000# sand	157 Bbl. SLF
Gordon Stray	2,654' - 2,662'	16 holes	20,000# sand	173 Bbl. SLF
Big Injun	2,046' - 2,052'	12 holes	15,000# sand	153 Bbl. SLF
Keener	1,979' - 2,003'	18 holes	38,000# sand	288 Bbl. SLF

FORMATION	COLOR	HARD/SOFT	TOP	BOTTOM	REMARKS
Clay			0	10	
Sand & Shale			10	600	1/2" FW @ 35'
Coal			600	631	
Sand & Shale			631	895	
Shale			895	1007	
Sand & Shale			1007	1661	Damp @ 1070'
Sand			1661	1724	
Sand & Shale			1724	1848	
Little Lime			1848	1862	
Shale			1862	1884	
Big Lime			1884	1980	
Keener			1980	2014	
Big Injun			2014	2074	
Sand & Shale			2074	2440	
Sand			2440	2463	
Sand & Shale			2463	2640	
Gordon Stray			2640	2669	Gas odor @ 2660
Sand & Shale			2669	2731	
Gordon			2731	2745	
Sand & Shale			2745	2904	
Total Depth			2904	2904	