



FILE NO. 13-60  
 DRAWING NO.  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1 / 200  
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 844'

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) Gregory A. Smith  
 R.P.E. L.L.S. 677

REFERENCES  
 N 8-00 E 174.77  
 NO. 5  
 S 65-13 W 57.20  
 NO. 6

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



DATE JULY 21, 1984  
 OPERATOR'S WELL NO. 6  
 API WELL NO. 47-017-3360  
 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 1211' WATER SHED WOLF PEN RUN  
 DISTRICT NEW MILTON COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON 7.5' S11 Vadi's 127 NW1  
 SURFACE OWNER CONNIE WEEKLY et. al. ACREAGE 99  
 OIL & GAS ROYALTY OWNER CONNIE WEEKLY et. al. LEASE ACREAGE 99

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 ELK 480' ESTIMATED DEPTH 590'  
 WELL OPERATOR UNITED OPERATING CO. DESIGNATED AGENT LYLE COFFMAN  
 ADDRESS SUITE 930 COMMERCE SQUARE ADDRESS 527 NORRIS RD. GLENVILLE WV 26351  
 CHARLESTON WV 25301

6-6 New Milton North (144)

OCT 15 1984

PLACE SEAL HERE

LATITUDE 39° 15' 00"  
 LONGITUDE 80° 40' 00"  
 NICHOLSON LEASE  
 99 ACRES ±

RECEIVED

IV-35  
(Rev 8-81)

JUN 5 - 1985  
OIL & GAS DIVISION  
DEPT. OF MINES



State of West Virginia  
Department of Mines  
Oil and Gas Division

Date February 5, 1985  
Operator's Well No. #6  
Farm Nicholson #6  
API No. 47-017 - 3360

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

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

LOCATION: Elevation: 1211' Watershed Wolfpen Run  
District: New Milton County Doddridge Quadrangle New Milton 7.5'

COMPANY United Operating Company  
ADDRESS 930 Commerce Square  
DESIGNATED AGENT Jack L. Trittipio  
ADDRESS 930 Commerce Square  
SURFACE OWNER Connie Weekly, et al  
ADDRESS New Milton, WV 26411  
MINERAL RIGHTS OWNER Connie Weekly, et al  
ADDRESS New Milton, WV 25411  
OIL AND GAS INSPECTOR FOR THIS WORK Mike Underwood  
ADDRESS Rt. 2, Box 114, Salem, WV Underwood August 8, 1984  
PERMIT ISSUED August 8, 1984  
DRILLING COMMENCED 1-3-84  
DRILLING COMPLETED 1-9-84

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON

Casing Tubing	Used in Drilling in Well	Left in Well	Cement fill up Cu. ft.
Size 20-16			
Cond. 1 3/4" 1 3/4"	20'	0	
9 5/8			
8 5/8	2348'	2348'	1000' fill
7			
5 1/2			
4 1/2	5650	5650	3000' fill
3			
2			
Liners used			

ON GEOLOGICAL TARGET FORMATION Elk - Alexander

Depth of completed well 5700 feet Rotary X / Cable Tools  
Water strata depth: Fresh 100' feet; Salt N/A feet  
Coal seam depths: 146'-156-; 700'-705' Is coal being mined in the area? NO

OPEN FLOW DATA

Producing formation See below (co-mingled) Pay zone depth fee  
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/  
Final open flow Mcf/d Final open flow Bbl/  
time of open flow between initial and final tests hours  
Static rock pressure psig (surface measurement) after hours shut i  
(If applicable due to multiple completion--)  
Second producing formation Riley-Balltown Pay zone depth 4700-4740 fee  
Gas: Initial open flow N/A Mcf/d Oil: Initial open flow N/A Bbl/  
Final open flow 350 est. Mcf/d Oil: Final open flow Show Bbl/  
Time of open flow between initial and final tests 4 hours  
Static rock pressure psig (surface measurement) after hours shut

(Continue on reverse si

JUN 24 1985

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

<u>Play</u> 5490 - 5550	Frac. 400 bbls. H <sub>2</sub> O	30,000# Sand
<u>Burdson</u> 5180 - 5360	Frac 300 bbls. H <sub>2</sub> O	20,000# Sand
<u>Blind</u> 5070 - 5100	Frac 400 bbls. H <sub>2</sub> O	30,000# Sand
<u>Blind</u> 4700 - 4750	Frac 400 bbls. H <sub>2</sub> O	30,000# Sand

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
Shale Sand	G	H	0	400	Including indication of all fresh and salt water, coal, oil and gas
Sand			400	440	
Sand Shale			1650	1700	
Sand			1700	2076	
Sand			2076	2136	
Shale Sand Stringers			2136	2288	
Lime			2136	2288	
Big Injun			2288	2318	
Shale			2318	2671	
Sand			2671	2681	
Shale Sand			2681	3210	
Sand (Siltstone)			3210	3240	
Shale			3240	3585	
Siltstone			3585	3670	
Shale			3670	4700	
Siltstone			4700	4750	
Shale			4750	5070	Sho Gas
Sand			5070	5100	
Shale			5100	5188	
Sand Benson			5188	5208	Sho Gas
Shale			5208	5490	
Alexander Sand			5490	5550	
Shale			5550	5700	TD

(Attach separate sheets as necessary)

United Operating Company  
Well Operator

By: Jack L. Trittipio

Date: February 15, 1985

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 any, encountered in the drilling of a well."



