

2610 (25) 1318'

3757 (25) 1684'

2076 1329'

BEATRICE SCHWARTZMAN 4,483.2 ACRES

EVERETT D. RICHARDS 25.21 ACRES

EVERETT D. RICHARDS 27.95 ACRES

? (17) 252'

S 41° 30' E 305.25'

STONE EVERETT RICHARDS NO. 1

3078 (25) 1496'

3040 (16) 472'

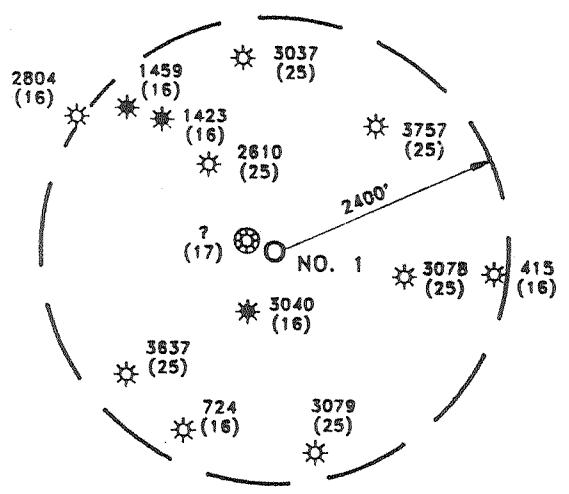
HAZEL N. WEST 115 ACRES

DELBERT & BARBARA OSBORNE 78 ACRES

STONE N 78° 30' W 371.25'

E. W. OSBOURNE 59.74 ACRES

1.685
2.220
N 27° 30' W 49.50'



WELL REFERENCES:

- LOC. TO 28° POPLAR N 65° 45' W 78'
- LOC. TO 35° POPLAR S 10° 45' W 69'

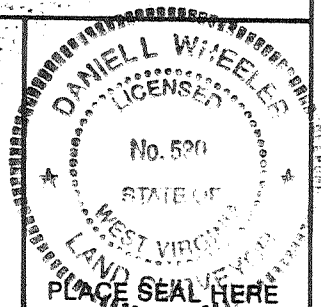
D. L. WHEELER & ASSOCIATES, INC.
 RT. 1, BOX 346
 CLARKSBURG, WV. 26301
 Tele. Ph.: 304-623-5851
 Fax. No.: 304-623-6131

4.565
4.45W

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION WELL API NO. 3040
 ELEV. 1094'

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 ENERGY.
 (SIGNED) *Daniel L. Wheeler*
 R.P.E. _____ L.L.S. 530
 DANIEL L. WHEELER



STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY OIL AND GAS DIVISION



DATE OCTOBER 24, 19 91
 OPERATOR'S WELL NO. EVERETT RICHARDS
 API WELL NO. NO. 1
 47 017 3950
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1116' WATER SHED _____ JIMS RUN
 DISTRICT SOUTHWEST 7 COUNTY DODDRIDGE
 QUADRANGLE OXFORD 7.5' *Holbrook NE*
 SURFACE OWNER EVERETT D. RICHARDS ACREAGE 27.95
 OIL & GAS ROYALTY OWNER EVERETT D. RICHARDS ET. AL. LEASE ACREAGE 53.16
 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 ALEXANDER ESTIMATED DEPTH 5200'
 WELL OPERATOR FLUHARTY ENTERPRISES, INC. DESIGNATED AGENT TOM FLUHARTY
 ADDRESS P.O. BOX 226 396 ADDRESS P.O. BOX 226
 SALEM, WV. 26426 SALEM, WV. 26426

APR 3 1992

66 Straight Fork - Bluestone Creek (133)

COUNTY NAME PERMIT

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Reviewed TMG
Recorded _____

Well Operator's Report of Well Work

Farm name: Everett D Richards, Sr. Operator Well No.: E. Richards #1

LOCATION: Elevation: 1116.00 Quadrangle: OXFORD

District: SOUTHWEST County: DODDRIDGE
Latitude: 8925 Feet South of 39 Deg. 12Min. 30 Sec.
Longitude 11600 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: FLUHARTY, THOMAS J. OR RE
P. O. BOX 187
SALEM, WV 26426-0000

Agent: THOMAS J. FLUHARTY

Inspector: MIKE UNDERWOOD
Permit Issued: 03/31/92
Well work Commenced: 4/13/92
Well work Completed: 4/18/92
Verbal Plugging
Permission granted on: _____
Rotary XX Cable _____ Rig _____
Total Depth (feet) 5344'
Fresh water depths (ft) 50', 112'
410', & 605'
Salt water depths (ft) 1380'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
11 3/4"	30'	0	
8 5/8"	1465'	1465'	cts
4 1/2"	5290'	5290'	345 sks

Is coal being mined in area (Y/N)? N
Coal Depths (ft): None Reported

OPEN FLOW DATA

Producing formation Alexander & Benson Pay zone depth (ft) 5090-5137'
Gas: Initial open flow 1450 MCF/d Oil: Initial open flow 0 Bbl/c
combined Final open flow 625 MCF/d Final open flow trace Bbl/c
Time of open flow between initial and final tests 10 Hours
Static rock Pressure 1200 psig (surface pressure) after 24 Hours

Second producing formation Riley Pay zone depth (ft) 4416-4420'
Gas: Initial open flow 1450 MCF/d Oil: Initial open flow 0 Bbl/c
combined Final open flow 625 MCF/d Final open flow trace Bbl/c
Time of open flow between initial and final tests 10 Hours
Static rock Pressure 1200 psig (surface pressure) after 24 Hours

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.

RECEIVED
WV Division of
Environmental Protection

For: Thomas J. Fluharty
FLUHARTY, THOMAS J. OR RE I.

By: Thomas J. Fluharty
Date: July 22, 1992

JUL 23 1992
Permitting
Office of Oil & Gas

AUG 3 1992

EVERETT RICHARDS #1 WELL 47-017-3950

ALEXANDER PERF 11-.39 HOLES 5090-5137' 557 BBL H2O, 1000 GAL
 BENSON PERF 2-.39 HOLES 4820-4822' HCL, 10,000# 80/100,
 50,000# 20/40

RILEY PERF 10-.39 HOLES 4416-4420' 456 BBL H2O, 1000 GAL
 HCL, 10,000# 80/100,
 50,000# 20/40

WELL LOG:

FORMATION	TOP	BOTTOM	REMARKS
RED CLAY	0	10	
SAND & SHALE	10	75	DAMP @ 50'
RED ROCK & SHALE	75	212	1/4" H2O @ 112'
SANDY SHALE	212	300	
RED ROCK	300	325	
SANDY SHALE	325	360	
RED ROCK	360	380	
SAND	380	425	DAMP @ 410'
SANDY SHALE	425	455	
RED ROCK	455	600	
SAND	600	610	1/4" H2O @ 605'
SHALE & SAND	610	1550	1/4" H2O @ 1380'
SAND & SHALE	1550	1831	
LITTLE LIME	1831	1837	
SAND & SHALE	1837	1864	
BIG LIME	1864	1935	
SAND	1935	1961	
LIME	1961	2008	
SAND & SHALE	2008	2210	
SAND	2210	2290	
SHALE	2290	2363	
SANDY SHALE	2363	2575	
SHALE	2575	4830	
BENSON	4818	4860	
SHALE	4860	5090	
ALEXANDER	5090	5150	GAS CHECK @ TD
SHALE	5150	5344	2/10 THRU 2" H2O
TD		5344	

13502