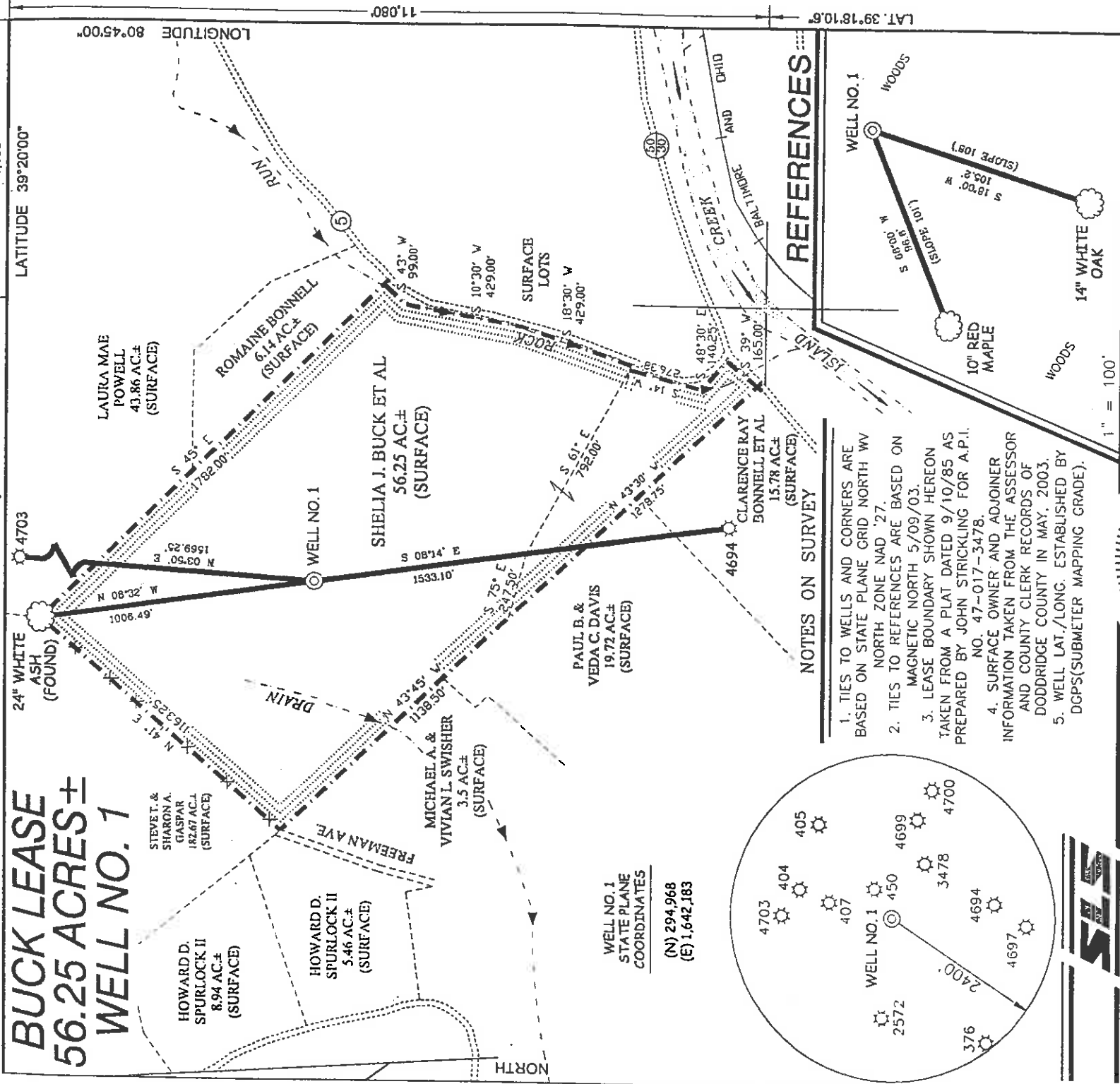


BUCK LEASE 56.25 ACRES ± WELL NO. 1

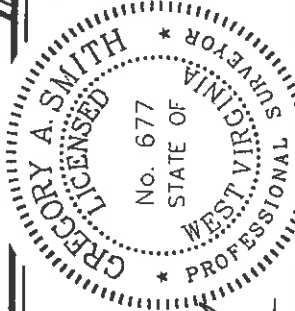
LONG. 80°45'52.1" LATITUDE 39°20'00"

LONGITUDE 80°45'00" LAT. 39°18'10.6"



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. 677 *Gregory A. Smith*



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

DATE MAY 16, 20 03
OPERATORS WELL NO. BUCK NO. 1
API WELL NO. 47 - 17 - 4759
STATE COUNTY PERMIT

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

MINIMUM DEGREE OF ACCURACY 1/2500 FILE NO. 5236P1 (147-24)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

WELL TYPE: OIL GAS LIQUID WASTE INJECTION DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,088' WATERSHED ROCK RUN

DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5' ACREAGE 56.25
SURFACE OWNER SHELIA J. & LYNCH BUCK LEASE ACREAGE 56.25
ROYALTY OWNER SHELIA J. & JOHN BUCK ET AL 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 ALEXANDER ESTIMATED DEPTH 5,600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN ADDRESS 22 GARTON PLAZA WESTON, WV 26452
COUNTY NAME DODD PERMIT 4759

(Smithton - Flint - Seabell 99)

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

95

Well Operator's Report of Well Work

Farm Name: SHEILA A. & LYNCH BUCK

Operator Well No. : BUCK #1

LOCATION: Elevation: 1089.00

Quadrangle: WEST UNION

District: WEST UNION
Latitude: 11080 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude: 4100 Feet West of 80 Deg. 45 Min. 00 Sec.

County: DODDRIDGE

Company: KEY OIL COMPANY
22 GARTON PLAZA
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: MIKE UNDERWOOD
Permit Issued: 08/04/03
Well Work Commenced: 08/18/03
Well Work Completed: 08/27/03

Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5510'
Fresh water depths (ft) 136'
Salt water depths (ft) NONE

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

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1109'	1109'	235 sks To Surface
4 1/2"	5384'	5384'	470 sks

OPEN FLOW DATA

Warren
Speechley
Balltown
Rileys
Benson

Producing formation Alexander
Gas: Initial open flow _____ MCF / d
Final open flow 1639 MCF / d
Time of open flow between initial and final tests N/A
Static rock pressure 1750 psig (surface pressure) after 96 Hours

Second producing formation Commingled
Gas: Initial open flow _____ MCF / d
Final open flow _____ MCF / d
Time of open flow between initial and final tests _____
Static rock pressure _____ psig (surface pressure) after _____ Hours

3320' - 3380'
3394' - 3484'
4044' - 4456'
4496' - 4945'
4975' - 4986'
5212' - 5313'

RECEIVED
Office of Oil & Gas
Office of Chief
JAN 23 2004
WV Department of Environmental Protection

DoDD: 4759

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.

For: KEY OIL COMPANY

By: [Signature]
Date: January 10, 2004

PRESIDENT

FEB 13 2004

Buck #1 (47-017-4759)
Four Stage Foam Frac – BJ Services

1 st Stage:	Alexander (15 holes) (5221' – 5300.50')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 565,000 SCF N2, 816 bbis foam.
2 nd Stage:	Benson (9 holes) (4987.50' to 4980.50') Third Riley (4 holes) (4866.25' to 4911.25')	60 Quality Foam. 750 gal 15% HCL. 30,000# 20/40 sand, 359,000 SCF N2, 527 bbis foam.
3 rd Stage:	Riley (12 holes) (4523.50' to 4558.75') Balltown (2 holes) (4430.50' & 4430.75')	60 Quality Foam 1000 gal 15% HCL. 5,000# 80/100 sand, 35,000# 20/40 sand, 448,000 SCF N2, 617 bbis foam.
4 th Stage:	Speechley (8 holes) (3397.75' to 3477.50') Warren (5 holes) (3358' to 3368.50') 5	60 Quality Foam. 750 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 731 bbis foam.

WELL LOG

KB-GL	0	10	
Clay	10	12	
Red Rock & Shale	12	87	
Sand & Shale	87	183	
Sand & Shale & Red Rock	183	322	
Sand & Shale	322	390	
Sand	390	445	
Sand & Shale	445	480	
Red Rock	480	509	
Sand & Shale	509	1090	
Sand	1090	1116	
Sand & Shale	1116	1636	
Sand	1636	1645	
Sand & Shale	1645	1890	
Little Lime	1645	1900	
Shale	1890	1930	
Big Lime	1900	1982	
Big Injun	1930	2121	
Shale	1982	2256	
Weir	2121	2349	
Shale	2256	2453	
Berea	2349	2474	
Sand & Shale	2453	2662	
Gordon	2474	2712	
Shale	2662	3320	
Warren	2712	3380	
Shale	3320	3394	
Shale	3380	3484	
Speechley	3394	4044	
Shale	3484	4455	
Balltown	4044	4496	
Shale	4456	4581	
Riley	4496	4783	
Third Riley	4581	4945	
Shale	4783	4975	
Benson	4945	4986	
Shale	4975	5212	
Alexander	4986	5313	
Shale	5212	5510	
TD	5313		
	5510		

¾" water @ 136'

Gas Checks

1918' – No Show
2300' - Odor
2706' - Odor
3401' - Odor
3808' - Odor
4558' - Odor
5035' - Odor
5250' - Odor