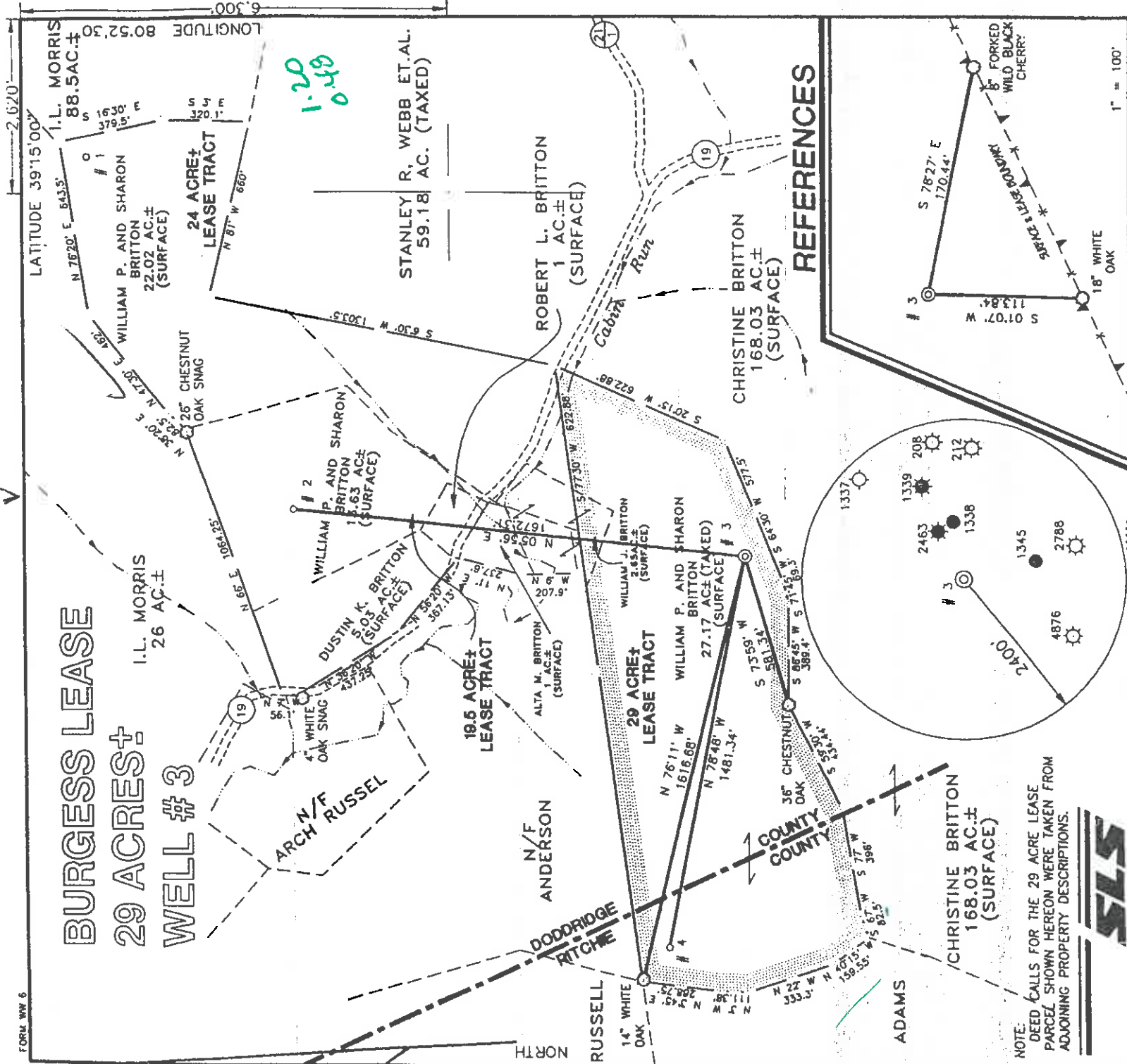
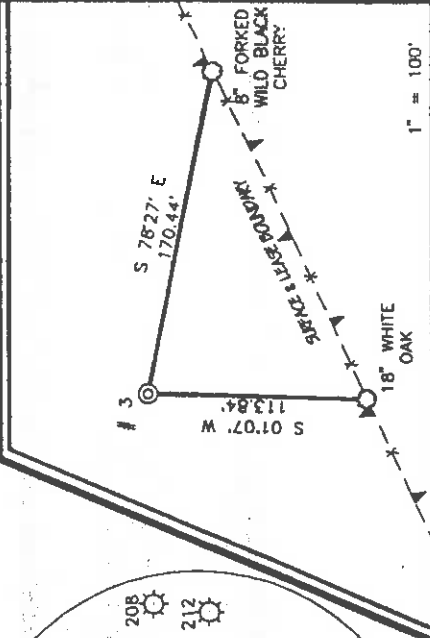


BURGESS LEASE 29 ACRES+ WELL #3



1.20
0.49

REFERENCES



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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.

P.S. *Gregory A. Smith*
677

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

DATE JANUARY 20, 19 98
OPERATORS WELL NO. BURGESS # 3
API WELL NO. 47-017-04432
STATE VA COUNTY DOOD PERMIT 4432

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 3814P3 (60-75)
PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION 1191' SCALE 1" = 500'

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

LOCATION : ELEVATION 1018' WATERSHED CABIN RUN

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE PULLMAN 7.5'

SURFACE OWNER WILLIAM PAUL AND SHARON D. BRITTON ACREAGE 27.17

ROYALTY OWNER HAROLD R. BURGESS ET. AL. LEASE ACREAGE 29 OF 72.5 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 5600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN
ADDRESS 22 GARTON PLAZA, WESTON, WV 26452

County Name Dood Permit 4432

6-6-89

WR-35

15 - May - 98
API # 47 - 17 - 4432



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

Reviewed

[Signature]

Well Operator's Report of Well Work

Farm name: BRITTON, WILLIAM P.

Operator Well No. : BURGESS #3

LOCATION: Elevation: 1,018.00

Quadrangle: PULLMAN

District: CENTRAL
Latitude: 6300 Feet South of 39 Deg. 15 Min. 0 Sec.
Longitude: 2620 Feet West of 80 Deg. 52 Min. 30 Sec.

County: DODDRIDGE

Company: KEY OIL COMPANY
22 Garton Plaza
WESTON, WV 26452-0000

Agent: JAN E. CHAPMAN

Inspector: SAM HERSMAN
Permit Issued: 05/15/98
Well Work Commenced: 08/12/98
Well Work Completed: 08/17/98

Verbal Plugging
Permission granted on: _____ Rig
Rotary X Cable _____
Total Depth (feet) 5452'
Fresh water depths (ft) 50', 168'
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.
11 3/4"	129.90'	129.90'	70 sks To Surface
8 5/8"	2035.30'	2035.30'	580 sks To Surface
4 1/2"	5327'	5327'	460 sks
2 3/8"		5185'	

OPEN FLOW DATA

Warren
Speechley
Balltown
Rileys
Benson

Producing formation Alexander
Gas: Initial open flow 60 MCF / d Oil: Initial open flow 0 Bbl / d
Final open flow 1,524 MCF / d Oil: Final open flow show Bbl / d
Time of open flow between initial and final tests N/A Hours
Static rock pressure 1800 psig (surface pressure) after 96 Hours

3356' - 3432'
3440' - 3566'
3739' - 4467'
4498' - 4896'
4925' - 4935'
5166' - 5250'

Second producing formation Commingled

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 pressure) after _____ Hours

Pay zone depth (ft) _____

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 MAR 29 1999 ENCOUNTERED BY THE WELLBORE.

For: KEY OIL COMPANY

By: *[Signature]*
Date: March 12, 1999

PRESIDENT

Dodd 4432

Burgess #3 (47-017-4432)
 Four Stage Foam Frac - Halliburton

1st Stage: Alexander (12 holes) (5205.25' to 5236.50') 60 Quality Foam. 500 gal. 15% HCL.
 60,000# 20/40 sand, 550,000 SCF N2,
 811 bbls foam.

2nd Stage: Benson (3 holes) (4930.25' to 4930.75') 60 Quality Foam. 750 gal 15% HCL.
 Third Riley (5 holes) (4867.50' to 4868.50') 40,000# 20/40 sand, 417,000 SCF N2,
 Second Riley (4 holes) (4781.75' to 4782.50') 616 bbls foam.

3rd Stage: Riley (7 holes) (4523.50' to 4592.50') 60 Quality Foam. 1,000 gal 15% HCL.
 Balltown (6 holes) (4162.25' to 4174.25') 5,000# 80/100 sand, 45,000# 20/40 sand,
 502,000 SCF N2, 744 bbls foam.

4th Stage: Balltown (6 holes) (3824' to 3972.25') 60 Quality Foam. 1,000 gal 15% HCL.
 Speechley (3 holes) (3560.75' to 3561.25') 5,000# 80/100 sand, 45,000# 20/40 sand,
 Warren (8 hole) (3258' to 3289.25') 502,000 SCF N2, 684 bbls foam.

WELL LOG

Fill	0	5	
Red Rock	5	21	
Sand	21	46	
Red Rock & Sand & Shale	46	113	½" H ₂ O @ 50'
Shale & Sand	113	233	½" H ₂ O @ 168'
Red Rock & Sand & Shale	233	746	
Lime	746	752	
Sand & Shale & Red Rock	752	1250	
Sand	1250	1260	
Sand & Shale	1260	1460	
Sand	1460	1500	
Sand & Shale	1500	1850	
Sand	1850	1904	
Sand & Shale	1904	1957	
Little Lime	1957	1968	
Blue Monday	1968	2000	
Big Lime	2000	2054	
Big Injun	2054	2129	
Shale	2129	2299	<u>Gas Checks</u>
Weir	2299	2426	2566' - 2/10ths - 1" w/H ₂ O
Sand & Shale	2426	2480	3027' - 4/10ths - 1" w/H ₂ O
Berea	2480	2494	3833' ~ No Show
Shale	2494	2882	4544' - 2/10ths - 1" w/H ₂ O
Gordon	2882	2891	4948' - 6/10ths - 1" w/H ₂ O
Shale	2891	3356	5197' - 6/10ths - 1" w/H ₂ O
Warren	3356	3432	5400' - 2/10ths - 2" w/H ₂ O
Sand & Shale	3432	3440	
Speechley	3440	3566	
Shale	3566	3739	
Balltown	3739	4467	
Shale	4467	4498	
Riley	4498	4580	
Shale	4580	4748	
Second Riley	4748	4790	
Shale	4790	4848	
Third Riley	4848	4896	
Shale	4896	4925	
Benson	4925	4935	
Shale	4935	5166	
Alexander	5166	5250	
Sand & Shale	5250	5452	
T.D.	5452		