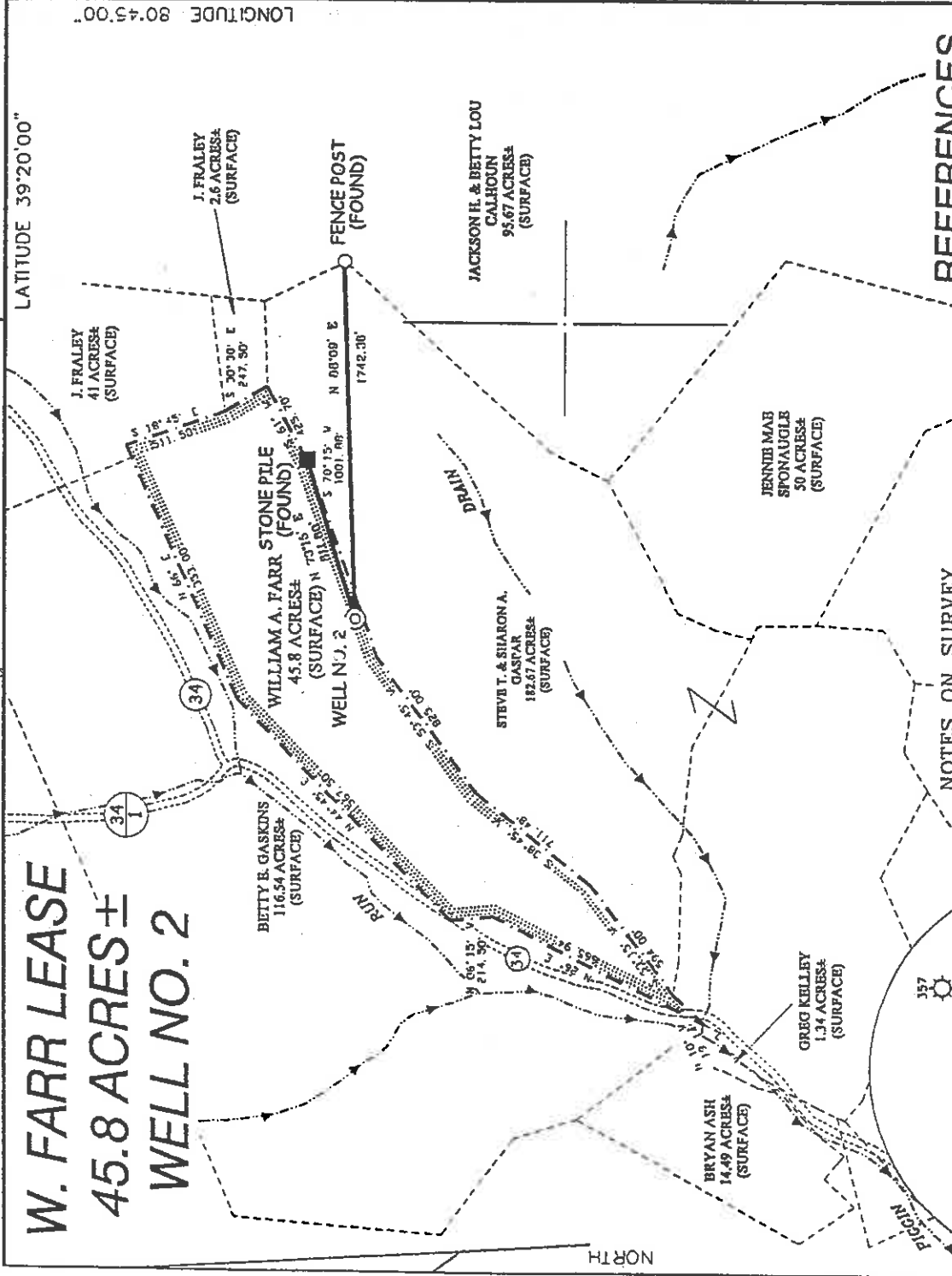


LONG. 80°45'49.9" LATITUDE 39°20'00"

W. FARR LEASE 45.8 ACRES± WELL NO. 2

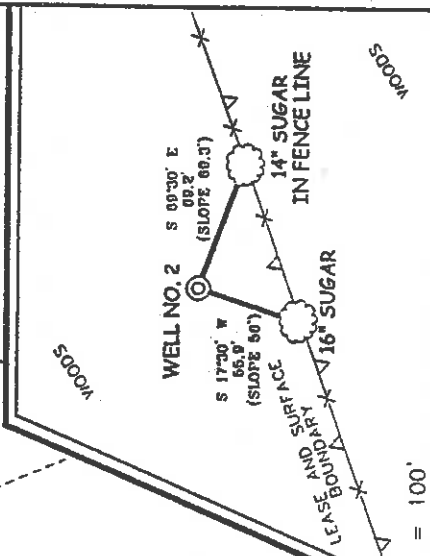
LONGITUDE 80°45'00" LAT. 39°18'51.7" 6.870



NOTES ON SURVEY

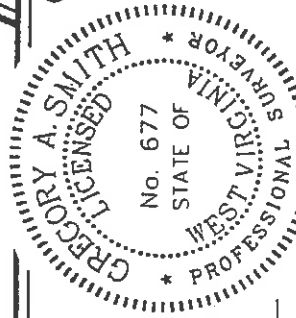
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 9/19/02
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED AS RECORDED IN THE COUNTY CLERK'S OFFICE OF DODDRIDGE COUNTY IN DEED BOOK 220 ON PAGE 5.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN AUGUST, 2002.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



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 OCTOBER 10 20 02
 OPERATORS WELL NO. FARR NO. 2
 API WELL NO. 47-17-047a1 COUNTY PERMIT
 NO. 47-17-047a1 STATE



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

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 5118P2 (J35-2)
 PROVEN SOURCE OF ELEVATION TOP OF KNOB ELEVATION = 1,284' SCALE 1" = 800'

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

LOCATION : ELEVATION 1,215' WATERSHED PIGGIN RUN
 DISTRICT WEST UNION COUNTY DODDRIDGE QUADRANGLE WEST UNION 7.5'
 SURFACE OWNER WILLIAM A. FARR ACREAGE 45.8±
 ROYALTY OWNER WILLIAM A. FARR ET AL LEASE ACREAGE 45.8±
 PROPOSED WORK : LEASE NO. _____

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 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

COUNTY NAME Dodd PERMIT 4721

(Smithson - Flint - Sedalia 99)

MF

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

Well Operator's Report of Well Work

Farm Name: WILLIAM FARR

Operator Well No. : W. FARR #2

LOCATION: Elevation: 1215.00

Quadrangle: WEST UNION

District: WEST UNION
Latitude: 6870 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude: 3950 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: 02/19/03
Well Work Commenced: 08/07/03
Well Work Completed: 08/12/03
Verbal Plugging
Permission granted on: _____ Rig
Rotary X Cable _____
Total Depth (feet) 5630'
Fresh water depths (ft) 162'
Salt water depths (ft) NONE

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

OPEN FLOW DATA

Warren
Speechley
Balltown
Rileys
Benson

Producing formation Alexander
Gas: Initial open flow _____ MCF / d
Final open flow 1750 MCF / d
Time of open flow between initial and final tests N/A
Static rock pressure 1840 psig (surface pressure) after 96 Hours

3494' - 3554'
3561' - 3654'
3852' - 4632'
4669' - 5109'
5144' - 5154'
5391' - 5486'

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

Pay zone depth (ft) _____
Oil: Initial open flow _____ Bbl / d
Oil: Final open flow _____ Bbl / d
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.

For: KEY OIL COMPANY

By: *[Signature]*
Date: January 3, 2004

PRESIDENT

FEB 13 2004

Dodd 4721

W. Farr #2 (47-017-4721)
 Four Stage Foam Frac – Universal Well Services

1 st Stage:	Alexander (15 holes) (5401' to 5480.50')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 565,000 SCF N2, 819 bbis foam.
2 nd Stage:	Benson (6 holes) (5150.50' to 5149.25') Third Riley (9 holes) (5058.75' to 5099.75')	60 Quality Foam. 750 gal 15% HCL. 30,000# 20/40 sand, 359,000 SCF N2, 530 bbis foam.
3 rd Stage:	Riley (9 holes) (4708' to 4727.75') Balltown (4 holes) (4301' to 4511.25')	60 Quality Foam 1000 gal 15% HCL. 5,000# 80/100 sand, 35,000# 20/40 sand, 448,000 SCF N2, 620 bbis foam.
4 th Stage:	Speechley (7 holes) (3602.75' to 3646.50') Warren (6 holes) (3524.75' to 3542.25')	60 Quality Foam. 750 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 734 bbis foam.

WELL LOG

KB-GI	0	10	
Clay	10	11	
Sand	11	40	
Red Rock	40	41	
Sand & Shale	41	78	
Shale & Red Rock	78	114	
Sand	114	122	
Shale & Red Rock	122	133	
Sand & Shale	133	182	
Sand & Shale & Red Rock	182	695	
Sand & Shale	695	800	
Sand	800	834	
Sand & Shale	834	2080	
Little Lime	2080	2090	
Big Lime	2090	2175	
Keener	2175	2210	
Lime & Shale	2210	2224	
Big Injun	2224	2276	
Shale	2276	2420	
Weir	2420	2512	
Shale	2512	2618	
Berea	2618	2641	
Sand & Shale	2641	2828	
Gordon	2828	2880	
Shale	2880	3494	
Warren	3494	3554	
Shale	3554	3561	
Speechley	3561	3654	
Shale	3654	3852	
Balltown	3852	4632	
Shale	4632	4669	
Riley	4669	4750	
Shale	4750	5047	
Third Riley	5047	5109	
Shale	5109	5144	
Benson	5144	5154	
Shale	5154	5391	
Alexander	5391	5486	
Shale	5486	5630	
TD	5630		

1/2" water @ 162'

Gas Checks

2011' – No Show
 2357' – 2110ths water/w 2"
 3556' - Odor
 4301' - Odor
 4709' - Odor
 5150' - Odor
 5404' - Odor
 TD - Odor