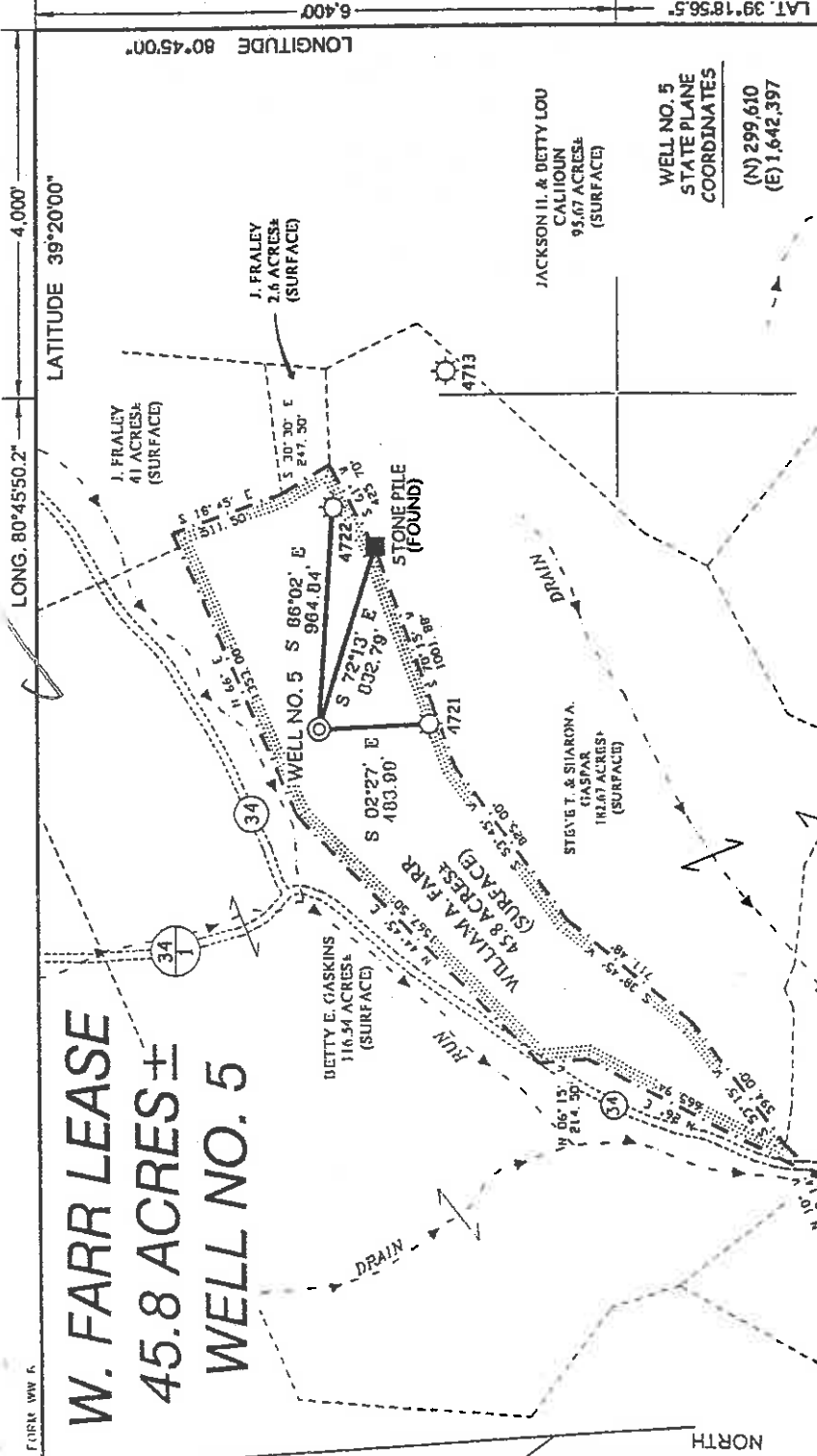


W. FARR LEASE 45.8 ACRES ± WELL NO. 5



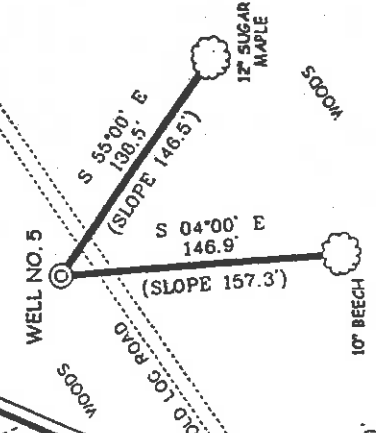
LONGITUDE 80°45'00"

LATITUDE 39°20'00"

6.400

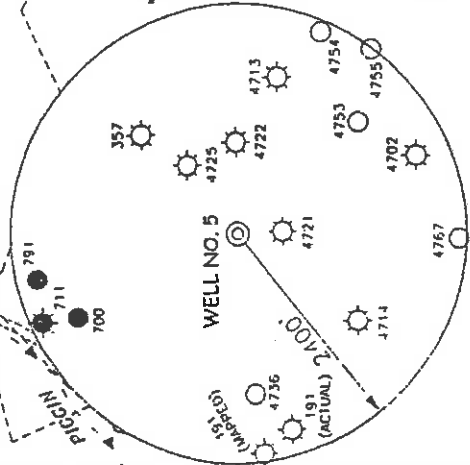
LAT. 39°18'56.5"

REFERENCES

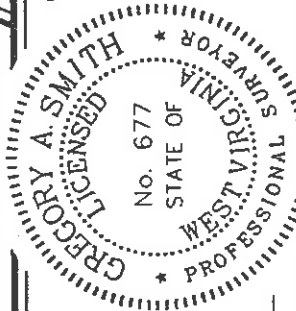


NOTES ON SURVEY

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 1/20/04.
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).



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

DATE JANUARY 22, 20 04
OPERATORS WELL NO. W. FARR NO. 5
API WELL NO. 47-017-04794 PERMIT

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

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 511BP5(147-53)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 800'

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

LOCATION: ELEVATION 1,012' 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± 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) GORDON TARGET FORMATION GORDON ESTIMATED DEPTH 2,800'

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

DODD 4794
 COUNTY NAME PERMIT

(Signature)

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

per 13

Well Operator's Report of Well Work

Farm Name: WILLIAM A. FARR

Operator Well No. : W. FARR #5

LOCATION: Elevation: 1012.00

Quadrangle: WEST UNION

District: WEST UNION
Latitude: 6400 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude: 4000 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: 02/20/04
Well Work Commenced: 03/08/04
Well Work Completed: 03/11/04

Verbal Plugging
Permission granted on: _____ Rig
Rotary X Cable _____
Total Depth (feet) 2800'
Fresh water depths (ft) NONE
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"	1008'	1008'	230 sks To Surface
4 1/2"	2766	2766'	250 sks

OPEN FLOW DATA

Keener
Big Injun
Gordon

Producing formation _____ MCF / d
Gas: Initial open flow 60 MCF / d
Final open flow 1100 MCF / d
Time of open flow between initial and final tests N/A Hours

Static rock pressure 240 psig (surface pressure) after 96 Hours

2004' - 2039'
2050' - 2110'
2654' - 2706'

Pay zone depth (ft)
Oil: Initial open flow 0 Bbl / d
Oil: Final open flow show Bbl / d
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 _____ Hours

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

Office of Oil & Gas
Office of Chief
MAY 07 2004
WV Department of
Environmental Protection

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: May 4, 2004

0000 4794
PRESIDENT

May 4 2004

W. Farr #5 (47-017-4794)
 Three Stage Foam Frac – Universal Well Services

1 st Stage:	Gordon (12 holes) (2690' to 2704')	60 Quality Foam. 500 gal. 15% HCL. 35,000# 20/40 sand, 370,000 SCF N2, 425 bbis foam.
2 nd Stage:	Big Injun (20 holes) (2068' to 2082')	60 Quality Foam. 750 gal 15% HCL. 30,000# 20/40 sand, 320,000 SCF N2, 325 bbis foam.
3 rd Stage	Keener (10 holes) (2020' to 2024')	60 Quality Foam. 750 gal 15% HCL. 25,000# 20/40 sand, 270,000 SCF N2, 300 bbis foam.

WELL LOG

KB-GL	0	10	
Fill	10	12	
Red Rock & Clay	12	20	
Sand	20	37	
Sand & Shale & Red Rock	37	104	
Sand & Shale	104	171	
Red Rock	171	200	
Sand & Shale & Red Rock	200	274	
Sand & Shale	274	380	
Sand	380	400	
Sand & Shale	400	498	
Red Rock	498	568	
Sand & Shale	568	693	
Red Rock	693	726	
Sand & Shale	726	838	
Red Rock	838	907	
Sand & Shale	907	1885	
Little Lime	1885	1920	
Big Lime	1920	2004	
Keener	2004	2039	
Shale	2039	2050	
Big Injun	2050	2110	
Shale	2110	2248	
Weir	2248	2340	
Shale	2340	2450	
Berea	2450	2467	
Sand & Shale	2467	2654	
Gordon	2654	2706	
Shale	2706	2800	
TD	2800		

Gas Checks

1854' – No Show
 2106' – 2/10^{ths} –2" w/water
 2639' – 2/10^{ths} –2" w/water
 TD - 2/10^{ths} –2" w/water