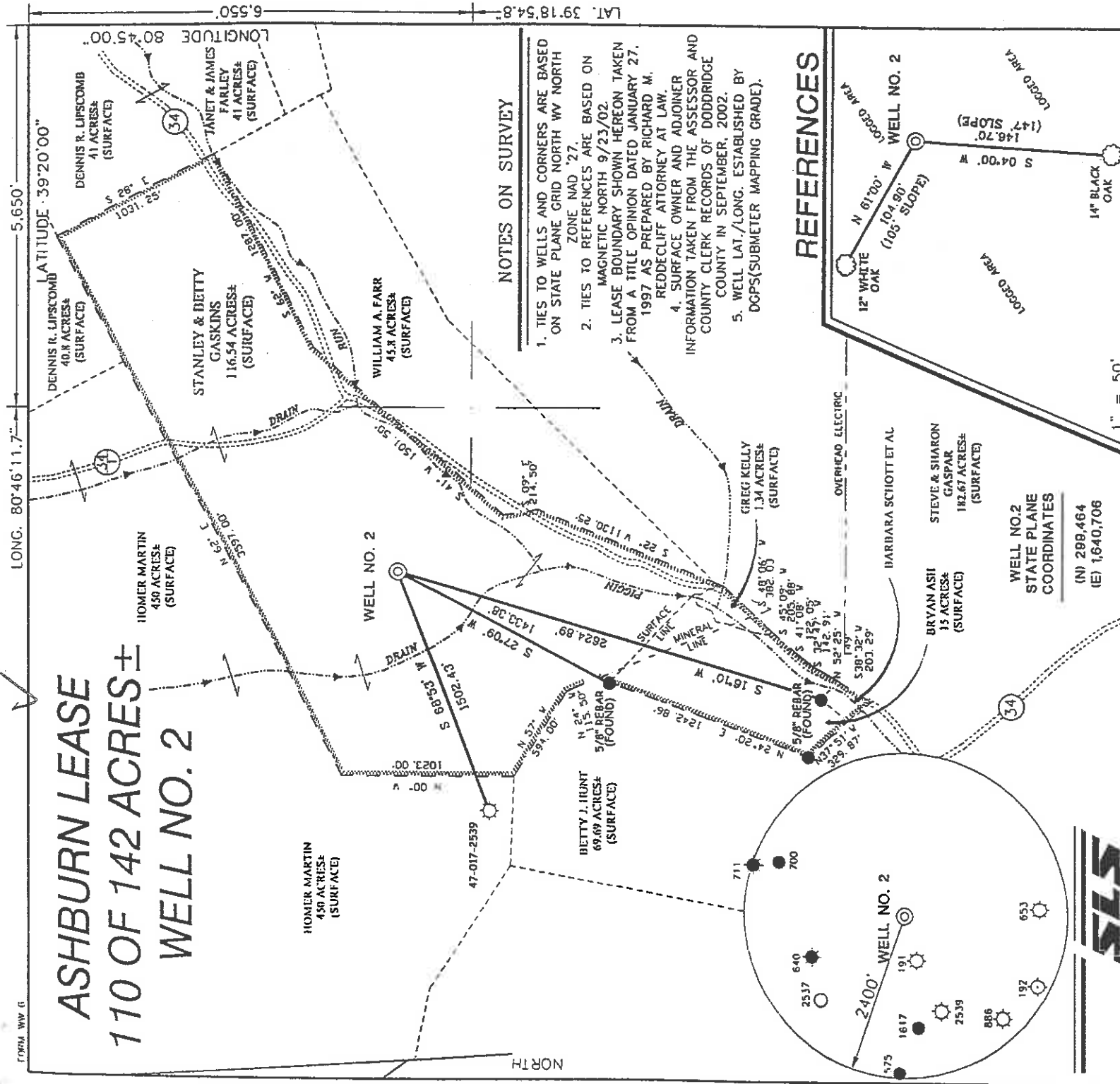


# ASHBURN LEASE 110 OF 142 ACRES ± WELL NO. 2

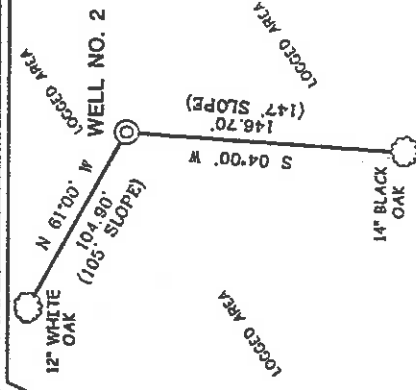


LONG. 80°46'11.7" LATITUDE 39°20'00" 5.650' 6.550' LAT. 39.18548

### NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WY NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 9/23/02.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION DATED JANUARY 27, 1997 AS PREPARED BY RICHARD M. REDDECLIFF ATTORNEY AT LAW.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN SEPTEMBER, 2002.
5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

### REFERENCES



WELL NO.2  
STATE PLANE  
COORDINATES  
(N) 299,464  
(E) 1,640,706

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*  
677



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

DATE SEPTEMBER 22, 20 02  
OPERATORS WELL NO. ASHBURN NO. 2  
API WELL NO. 47-17-4736 PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4993P2(135-9)  
PROVEN SOURCE SCALE 1" = 800'  
OF ELEVATION TOP OF KNOB ELEV. 1284'

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



WELL TYPE : OIL  GAS  INJECTION  WASTE  LIQUID  DISPOSAL  "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION : ELEVATION 1056' WATERSHED PIGGIN RUN

DISTRICT WEST UNION COUNTY DODDRIDGE  
SURFACE OWNER STANLEY & BETTY GASKINS QUADRANGLE WEST UNION 7.5'  
ROYALTY OWNER ORPHA ASHBURN ET AL ACREAGE 110 ±  
LEASE NO. 110 OF 142 ±

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 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

Dodd 4736  
COUNTY NAME PERMIT

*(Emitted From Section 10-6)*

*part*

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

Well Operator's Report of Well Work

Farm Name: STANLEY & BETTY GASKINS  
LOCATION: Elevation: 1056.00

Operator Well No.: ASHBURN #2  
Quadrangle: WEST UNION

District: WEST UNION  
Latitude: 6,550 Feet South of 39 Deg. 20 Min. 00 Sec.  
Longitude: 5,650 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: 05/13/03  
Well Work Commenced: 03/02/04  
Well Work Completed: 03/07/04

Verbal Plugging  
Permission granted on: \_\_\_\_\_ Rig  
Rotary X Cable \_\_\_\_\_  
Total Depth ( feet ) 5490  
Fresh water depths ( ft ) 128'  
Salt water depths ( ft ) NONE

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

OPEN FLOW DATA

Warren  
Speechley  
Balltown  
Riley  
Benson

3366' - 3423'  
3438' - 3530'  
3736' - 4506'  
4358' - 4616'  
5016' - 5030'  
5265' - 5358'

APR 3 0 2004

WV Department of  
Environmental Protection

Producing formation: Alexander  
Gas: Initial open flow 189 MCF / d  
Final open flow 2,054 MCF / d  
Time of open flow between initial and final tests: N/A  
Static rock pressure 1700 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: \_\_\_\_\_ Hours  
Static rock pressure \_\_\_\_\_ psig ( surface pressure ) after \_\_\_\_\_ Hours

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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: *Jan Chapman*  
Date: April 26, 2004

PRESIDENT

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill Up Cu. Ft.
8 5/8"	1049'	1049'	280 sks To Surface
4 1/2"	5422'	5422'	475 sks

RECEIVED  
Office of Oil & Gas

0000 4736

Ashburn #2 (47-017 - 4736)  
Four Stage Foam Frac – BJ Services

1 <sup>st</sup> Stage:	Alexander ( 15 holes ) ( 5275.50' to 5355.75' )	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 550,000 SCF N2, 817 bbis foam.
2 <sup>nd</sup> Stage:	Benson ( 13 holes ) ( 5024' to 5027' )	60 Quality Foam. 750 gal 15% HCL. 40,000# 20/40 sand, 454,000 SCF N2, 623 bbis foam.
3 <sup>rd</sup> Stage:	Riley ( 8 holes ) ( 4584' to 4612.50' ) Balltown ( 5 holes ) ( 4468' to 4501.75' )	60 Quality Foam 1,000 gal 15% HCL. 5,000# 80/100 sand, 35,000# 20/40 sand, 464,000 SCF N2, 618 bbis foam.
4 <sup>th</sup> Stage:	Speechley ( 7 holes ) ( 3478' to 3523' ) Warren ( 6 holes ) ( 3398' to 3409.25' )	60 Quality Foam 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 464,000 SCF N2, 654 bbis foam.

WELL LOG

KB-GL	0	10	
Fill	10	30	
Sand & Shale	30	190	
Red Rock	190	211	1" water @ 128'
Shale	211	255	
Sand	255	273	
Red Rock	273	310	
Sand & Shale	310	1014	
Red Rock & Shale	1014	1053	
Sand & Shale	1053	1310	
Sand	1310	1355	
Sand & Shale	1355	1732	
Sand	1732	1860	
Shale	1860	1928	
Little Lime	1928	1968	
Big Lime	1968	2031	
Keener	2031	2053	
Big Injun	2053	2106	
Squaw	2106	2159	
Sand & Shale	2159	2297	
Weir	2297	2392	
Shale	2392	2500	
Berea	2500	2527	
Shale	2527	2703	
Gordon	2703	2755	
Shale	2755	3366	
Warren	3366	3423	
Shale	3423	3438	
Speechley	3438	3530	
Shale	3530	3736	
Balltown	3736	4506	
Shale	4506	4358	
Riley	4358	4618	
Shale	4618	5016	
Benson	5016	5030	
Shale	5030	5265	
Alexander	5265	5358	
Sand & Shale	5358	5490	
T.D.	5490		

Gas Checks

1918' – No Show  
2199' – 18/10<sup>lbs</sup> 2"-w/water  
2325' - 24/10<sup>lbs</sup> 2"-w/water  
2706' - 16/10<sup>lbs</sup> 2"-w/water  
3368' - 20/10<sup>lbs</sup> 2"-w/water  
4482' - 20/10<sup>lbs</sup> 2"-w/water  
4860' - 20/10<sup>lbs</sup> 2"-w/water  
5191' - 20/10<sup>lbs</sup> 2"-w/water  
TD - 20/10<sup>lbs</sup> 2"-w/water