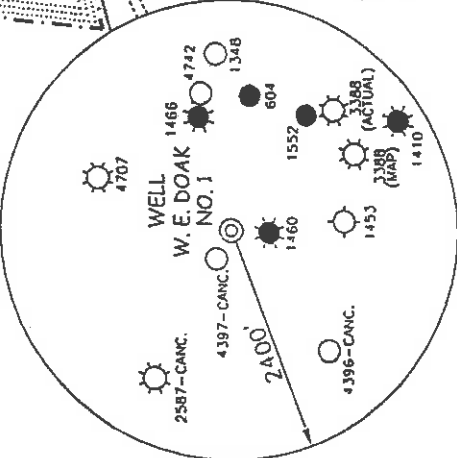


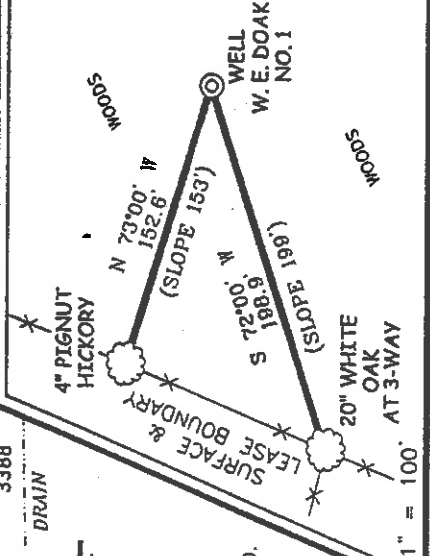
WELL NO. 1  
STATE PLANE  
COORDINATES  
  
(N) 286,983  
(E) 1,608,542

**WELL  
W. E. DOAK NO. 1**

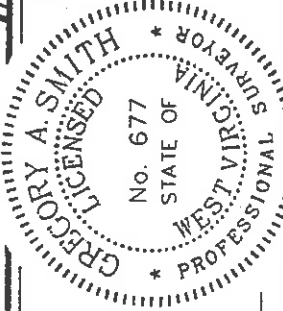


**REFERENCES**

- 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 2/10/04.
  3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 85 AT PAGE 190.
  4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN FEBRUARY, 2004.
  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*  
677

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

DATE FEBRUARY 12, 20 04  
OPERATORS WELL NO. W. E. DOAK NO. 1  
API WELL NO. 47 STATE 017 COUNTY PERMIT 04819

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

FILE NO. 5448PI (147-58)  
SCALE 1" = 500'  
DGPS (SUBMETER MAPPING GRADE)

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

LOCATION: ELEVATION 1,032' WATERSHED TRIBUTARY OF DOTSON RUN

DISTRICT CENTRAL COUNTY DODDRIDGE QUADRANGLE PENNSBORO 7.5'  
SURFACE OWNER RICKY WAYNE DOAK ACREAGE 33.78±  
ROYALTY OWNER W. E. DOAK HEIRS LEASE ACREAGE 35.32± LEASE NO. \_\_\_\_\_

PROPOSED WORK:  
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE  X 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 PERMIT

6-6 (89)

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

*AKP*

Well Operator's Report of Well Work

Farm Name: RICKY WAYNE DOAK

Operator Well No. : W.E. DOAK NO. 1

LOCATION: Elevation: 1032'

Quadrangle: PENNSBORO

District: CENTRAL  
Latitude: 4350 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude: 2250 Feet West of 80 Deg. 52 Min. 30 Sec.

County: DODDRIDGE

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

Agent: JAN CHAPMAN

Inspector: MIKE UNDERWOOD  
Permit Issued: 03/31/04  
Well Work Commenced: 01/20/05  
Well Work Completed: 01/25/05

Verbal Plugging  
Permission granted on: \_\_\_\_\_  
Rotary X Cable \_\_\_\_\_ Rig  
Total Depth ( feet ) 5336'  
Fresh water depths ( ft ) NONE  
Salt water depths ( ft ) 1490'

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

OPEN FLOW DATA

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	131'	131'	55 sks To Surface
8 5/8"	1898'	1898'	440 sks To Surface
4 1/2"	5303'	5303'	460 sks.

Riley Benson  
Producing formation Alexander  
Gas: Initial open flow No Show MCF / d  
Final open flow 2,316 MCF / d  
Time of open flow between initial and final tests N/A  
Static rock pressure 1800 psig ( surface pressure ) after 96 Hours

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

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORMANCE OF PERFORATION, 2). DETAILS OF STIMULATION, 3). DETAILS OF 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.

RECEIVED  
Office of Oil & Gas  
Office of Chief  
JUN 03 2005  
WV Department of Environmental Protection

For: KEY OIL COMPANY

By:   
Date: May 31, 2005

PRESIDENT  
JUN 24 2005

0000 4819

W.E. Doak #1 (47-017-4819)  
Four-Stage Foam Frac – BJ Services

Stage	Formation	Depth Range (ft)	Quality	Notes			
1 <sup>st</sup> Stage:	Alexander	( 5172.50' to 5175.50' )	60 Quality Foam,				
			500 gal. 15% HCl,	40,000# 20/40 sand,			
			454,000 SCF N <sub>2</sub> ,	625 bbis foam			
	2 <sup>nd</sup> Stage:	Benson	( 4884.75' to 4887.75' )	60 Quality Foam,			
				750 gal 15% HCl,	40,000# 20/40 sand,		
				454,000 SCF N <sub>2</sub> ,	620 bbis foam		
		3 <sup>rd</sup> Stage:	Riley	( 13 holes ) ( 4476' to 4495.25' )	60 Quality Foam,	750 gal 15% HCl	
					5,000# 80/100 sand,	35,000# 20/40 sand,	
					448,000 SCF N <sub>2</sub> ,	6162bbis foam	
			KB	Fill	0	10	
				Red Rock	10	15	
				Sand & Shale	15	35	
				Red Rock	35	205	
Red Rock				205	240		
Sand				240	310		
Sand & Shale	310			400			
Red Rock	400			410			
Sand & Shale	410			571			
Red Rock	571			580			
Sand & Shale	580	1165					
Sand	1165	1220					
Sand & Shale	1220	1450					
Sand	1450	1476					
Sand & Shale	1473	1702					
Red Rock & Shale	1702	1797					
Sand & Shale	1797	1829					
Sand	1829	1850					
Little Lime	1850	1900					
Big Lime	1900	1990					
Big Injun	1990	2050					
Shale	2050	2238					
Weir	2238	2364					
Shale	2364	3311					
Warren	3311	3386					
Shale	3386	3736					
Baltown	3736	4344					
Shale	4344	4455					
Riley	4455	4530					
Shale	4530	4881					
Benson	4881	4891					
Shale	4891	5124					
Alexander	5124	5209					
Shale	5209	5336					
TD	5336						

WELL LOG

1/2" water 1490'

Gas Checks

2111' – Oil Odor  
3297' – No Show  
3804' – No Show  
4487' – No Show  
4866' – No Show  
5118' – No Show

JUN 24 2005