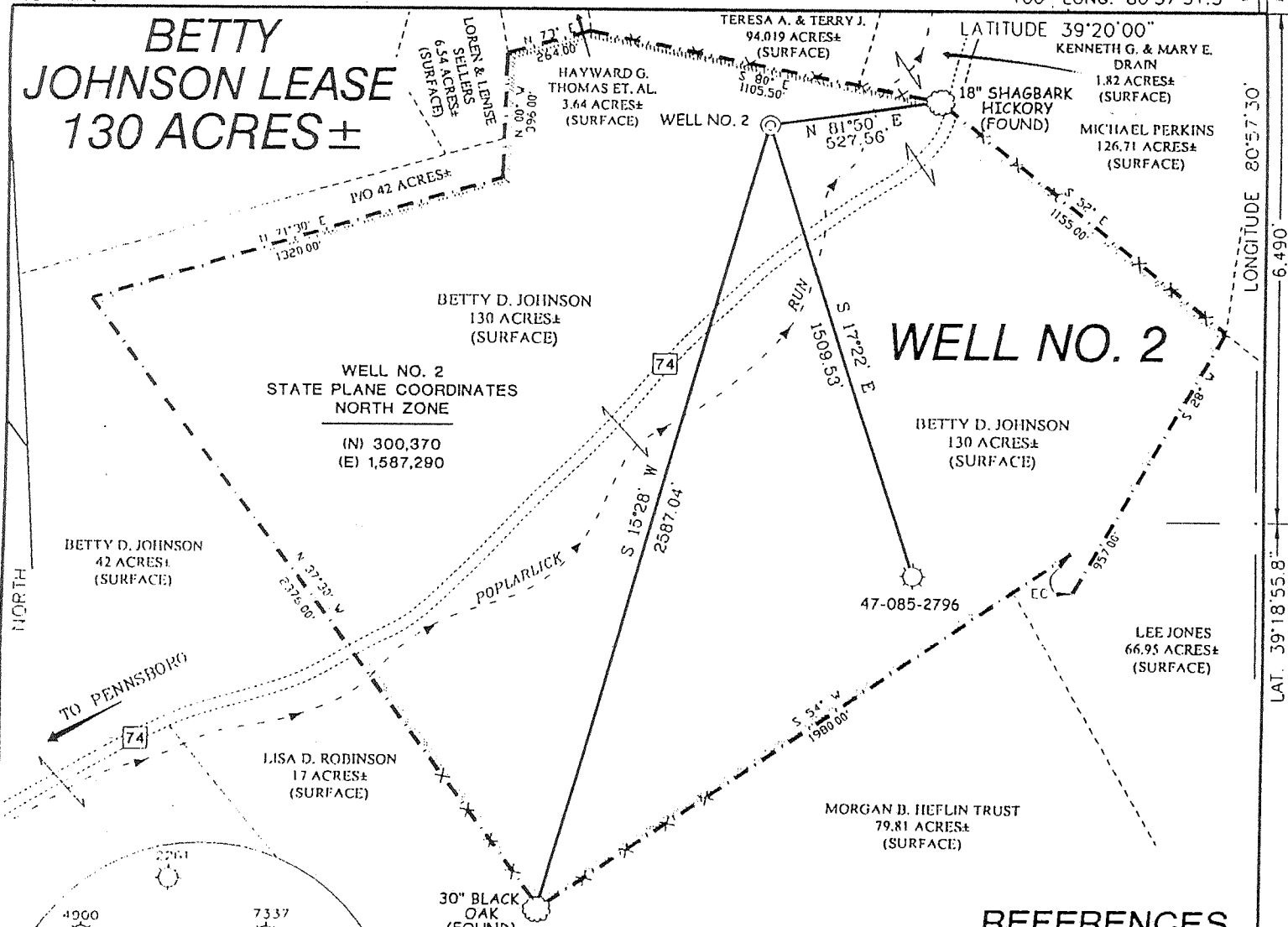
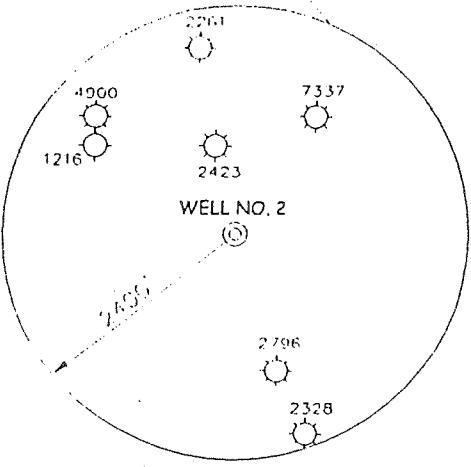


BETTY JOHNSON LEASE 130 ACRES±



WELL NO. 2
STATE PLANE COORDINATES
NORTH ZONE
(N) 300,370
(E) 1,587,290

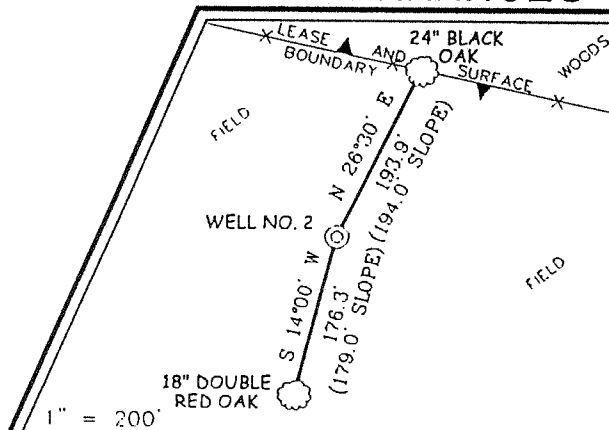
WELL NO. 2



NOTES ON SURVEY

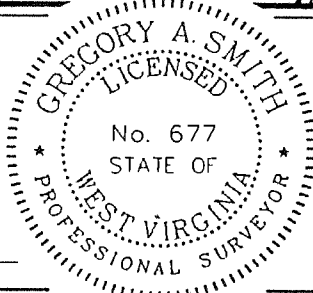
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 4/21/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION OBTAINED FROM KEY OIL COMPANY, PREPARED BY GARY MORRIS, LAWYER DATED MARCH 26, 2003 FOR TITLE OF BETTY JOHNSON TO 130 ACRES.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN APRIL, 2003.
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 APRIL 28 20 03
 OPERATORS WELL NO. JOHNSON NO. 2
 API WELL NO. 47-85-08942
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 5225P2 (147-09)
 PROVEN SOURCE OF ELEVATION BENCH MARK ELEVATION 955' SCALE 1" = 500'

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



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

LOCATION : ELEVATION 975' WATERSHED POPLARLICK RUN
 DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER BETTY D. JOHNSON ACREAGE 130±
 ROYALTY OWNER BETTY D. JOHNSON LEASE ACREAGE 130±

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 5600'

WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JAN CHAPMAN JUN 06 2003
 ADDRESS 22 GARTON PLAZA WESTON, WV 26452 ADDRESS 22 GARTON PLAZA WESTON, WV 26452

Souley 90

COUNTY NAME RIT
 PERMIT 8942

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

MP

Well Operator's Report of Well Work

Farm Name: BETTY D. JOHNSON

Operator Well No. : JOHNSON #2

LOCATION: Elevation: 975.00

Quadrangle: PENNSBORO

District: CLAY

County: RITCHIE

Latitude: 6490 Feet South of 39 Deg. 20 Min. 00 Sec.

Longitude: 100 Feet West of 80 Deg. 57 Min. 30 Sec.

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

Agent: JAN E. CHAPMAN

Inspector: STEVE MOSSOR
Permit Issued: 06/03/03
Well Work Commenced: 10/31/03
Well Work Completed: 11/12/03

Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5250'
Fresh water depths (ft) 106', 220'
Salt water depths (ft) None

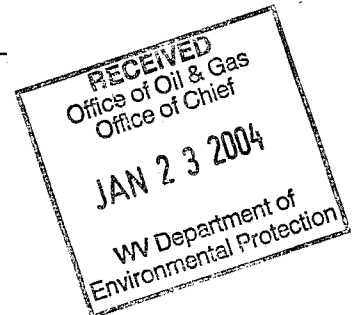
Is coal being mined in area (Y / N)? N
Coal Depths (ft): None

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	129'	129'	55 Sks To Surface
8 5/8"	1893'	1893'	430 sks To Surface
4 1/2"	5203'	5203'	210 sks

OPEN FLOW DATA

Producing formation Riley 4435' - 4512'
Benson 4820' - 4843'
Alexander Pay zone depth (ft) 5054' - 5122'
Gas: Initial open flow Odor MCF / d Oil: Initial open flow 0 Bbl / d
Final open flow 1,238 MCF / d Oil: Final open flow show Bbl / d
Time of open flow between initial and final tests N/A Hours
Static rock pressure 1500 psig (surface pressure) after 96 Hours

Second producing formation Commingled Pay zone depth (ft) _____
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



RIT 8942

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: January 18, 2004

PRESIDENT

FEB 13 2004

Johnson #2 (47 - 085 - 08942)
Two Stage Foam Frac - BJ Services

1st Stage: Alexander (4 holes) (5117.50' to 5118.25') 60 Quality Foam. 500 gal. 15% HCL.
 Benson (9 holes) (4832' to 4834') 60,000# 20/40 sand, 565,000 SCF N2,
 813 bbls foam.

2nd Stage: Riely (13 holes) (4479.50' to 4500.50') 60 Quality Foam 750 gal 15% HCL.
 5,000# 80/100 sand, 35,000# 20/40 sand,
 448,000 SCF N2, 616 bbls foam.

WELL LOG

KB-GL	0	10	
Clay	10	15	
Shale & Red Rock	15	106	
Sand & Shale	106	220	¼" to ½" water @ 106'
Shale & Red Rock	220	251	1" water @ 220'
Sand & Shale	251	321	
Red Rock	321	341	
Sand & Shale	341	452	
Red Rock	452	508	
Sand	508	573	
Red Rock	573	602	
Sand & Shale	602	680	
Shale & Red Rock	680	697	
Sand & Shale	697	881	
Sand	881	886	
Sand & Shale	886	1404	
Sand	1404	1449	Oil odor @ 1265'
Sand & Shale	1449	1810	
Little Lime	1810	1830	
Sand & Shale	1830	1840	
Big Lime	1840	1920	
Big Injun	1920	2003	
Shale	2003	2262	
Weir	2262	2351	
Shale	2351	2397	
Berea	2397	2414	
Shale and Siltstone	2414	3351	
Warren	3351	3419	
Shale	3419	3454	
Speechley	3454	3784	
Shale & Siltstone	3784	4435	
Riley	4435	4512	
Shale	4512	4820	
Benson	4820	4843	
Shale	4843	5054	
Alexander	5054	5122	
Shale	5122	5250	
TD	5250		

Gas Checks
 1851' - Odor
 2076' - Odor
 2107' - No Show
 3304' - No Show
 3807' - No Show
 4467' - Odor
 4842' - Odor