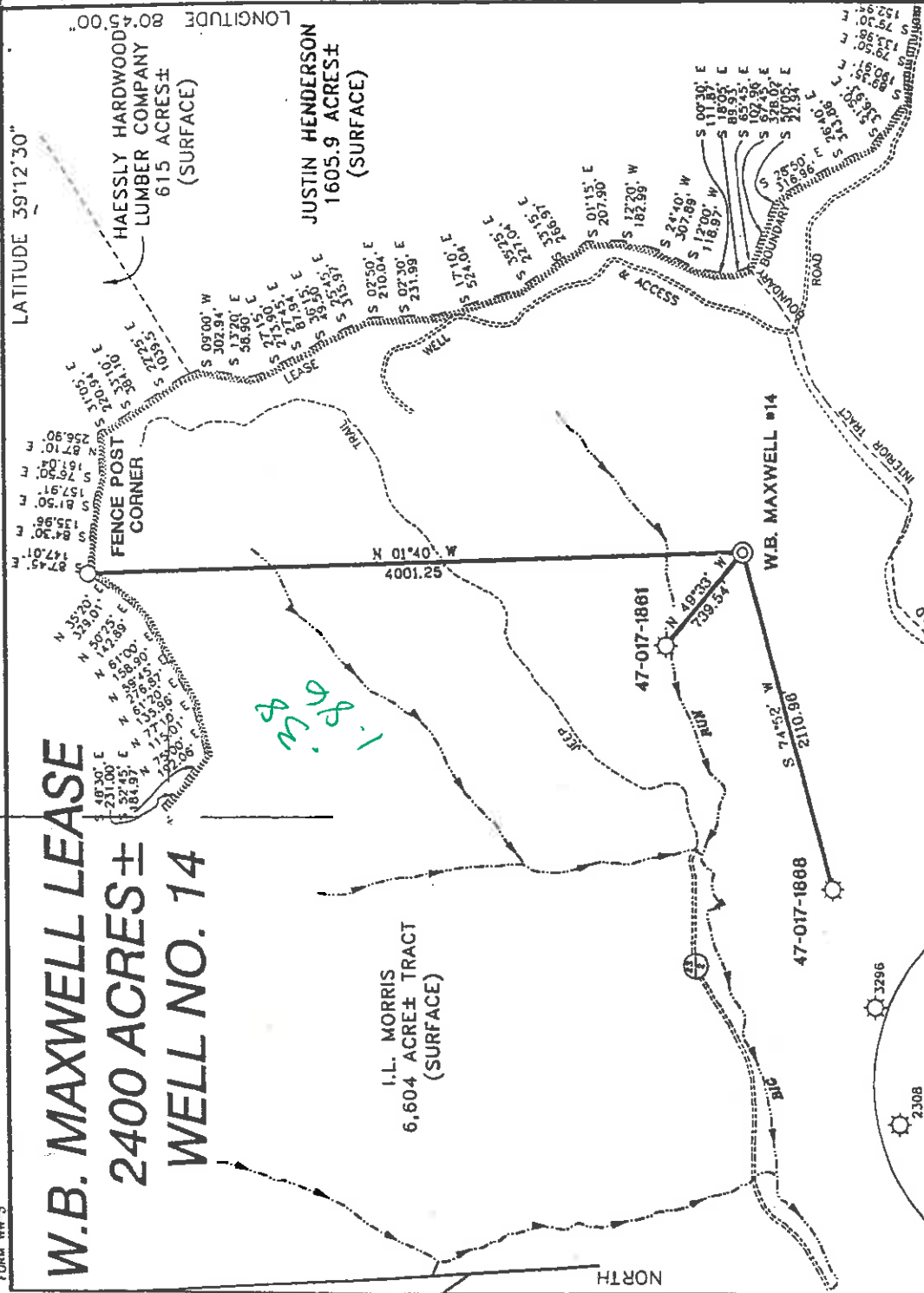


W.B. MAXWELL LEASE 2400 ACRES ± WELL NO. 14

I.L. MORRIS
6.604 ACRE ± TRACT
(SURFACE)

HAESSLY HARDWOODS
LUMBER COMPANY
615 ACRES ±
(SURFACE)

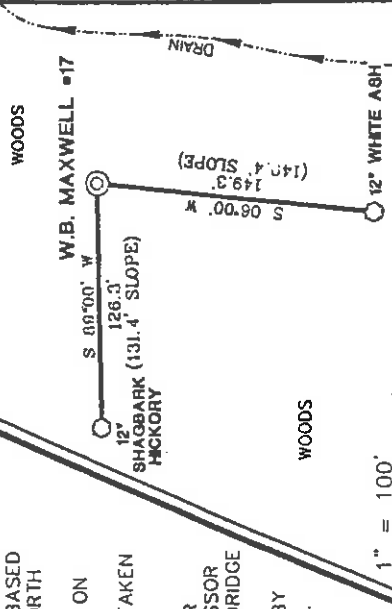
JUSTIN HENDERSON
1605.9 ACRES ±
(SURFACE)



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 10/23/00.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DODDRIDGE COUNTY DEED BOOK 28 ON PAGE 10.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN WHAT JANUARY, 1999.
5. WELL LAT./LONG. ESTABLISHED BY DOPS(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 DEPARTMENT OF ENERGY.

P.S. *Gregory A. Smith*
677



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

DATE OCTOBER 26 OPERATORS WELL NO. W.B. MAXWELL #14
API WELL NO. 47-017 STATE WV COUNTY WESTON PERMIT 04569

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4152P14(92-31)
PROVEN SOURCE OF ELEVATION TOP OF KNOB 1421' SCALE 1" = 1000'

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



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

LOCATION : ELEVATION 1070' WATERSHED BIG RUN OF SOUTH FORK HUGHES RIVER
DISTRICT SOUTHWEST COUNTY DODDRIDGE QUADRANGLE OXFORD 7.5'
SURFACE OWNER I.L. MORRIS ACREAGE 6.603.75
ROYALTY OWNER W.B. MAXWELL HEIRS ET AL LEASE ACREAGE 2400
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) _____ 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

6-6-133

DEA 0 1000

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas
Well Operator's Report of Well Work

ARW

Farm name: I.L. MORRIS

Operator Well No. : W.B. MAXWELL #14

LOCATION: Elevation: 1070'

Quadrangle: OXFORD

District: SOUTHWEST
Latitude: 1990 Feet South of 39 Deg. 12 Min. 30 Sec.
Longitude: 9790 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: 12/13/01
Well Work Commenced: 12/29/00
Well Work Completed: 01/04/01

Verbal Plugging
Permission granted on: _____
Rotary X Cable _____ Rig
Total Depth (feet) 5183'
Fresh water depths (ft) None
Salt water depths (ft) None

Is coal being mined in area (Y / N)? N
Coal Depths (ft): _____

OPEN FLOW DATA
Warren
Speechley
Balltown
Rileys
Benson
Eik

Producing formation: Alexander
Gas: Initial open flow Show MCF / d
Final open flow 1,548 MCF / d
Time of open flow between initial and final tests N/A
Static rock pressure 1650 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

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 12 2001

MAY 18 2001
PRESIDENT

Casing & Tubing Size	Used in Drilling	Left In Well	Cement Fill Up Cu. Ft.
11 3/4"	118.90'	118.90'	70 sks To Surface
8 5/8"	1364.40'	1364.40'	305 sks To Surface
4 1/2"	5103.75'	5103.75'	470 sks
2 3/8"	4943'	4943'	

RECEIVED
Office of Oil & Gas Permitting
MAY 04 2001
WV Division of Environmental Protection

3024' - 3074'
3090' - 3180'
3366' - 4135'
4200' - 4620'
4752' - 4763'
4801' - 4890'
4913' - 5022'

0000 4569

W. B. Maxwell #14(47-017-4569)
 Four Stage Foam Frac -- BJ Services

1 st Stage:	Alexander (15 holes) (4964.75' to 5016.50') Elk (3 holes) (4834' to 4834.50')	60 Quality Foam. 500 gal. 15% HCL. 60,000# 20/40 sand, 565,000 SCF N2, 822 bbis foam.
2 nd Stage:	Benson (7 holes) (4673.75' to 4675.25') Third Riley (6 holes) (4588' to 4618.50')	60 Quality Foam. 750 gal 15% HCL. 40,000# 20/40 sand, 417,000 SCF N2, 627 bbis foam.
3 rd Stage:	Riley (5 holes) (4244.50' to 4245.50') Balltown (10 holes) (3828.50' to 4114.75')	60 Quality Foam. 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 753 bbis foam.
4 th Stage:	Speechley (8 holes) (3107.75' to 3172') Warren (7 hole) (3055.5' to 3070')	60 Quality Foam. 1,000 gal 15% HCL. 5,000# 80/100 sand, 45,000# 20/40 sand, 517,000 SCF N2, 684 bbis foam.

WELL LOG

KB-GL	0	10	
Fill	10	16	
Shale	16	28	
Red Rock	28	47	
Sand & Shale	47	130	
Shale & Red Rock	130	159	
Sand	159	177	
Sand & Shale	177	228	
Red Rock	228	236	
Sand & Shale	236	1637	
Little Lime	1637	1647	
Big Lime	1647	1750	
Big Injun	1750	1816	
Shale	1816	1966	
Weir	1966	2077	
Sand & Shale	2077	2168	
Berea	2168	2176	
Shale	2176	2380	
Gordon	2380	2405	
Shale	2405	3024	
Warren	3024	3074	
Shale	3074	3090	
Speechley	3090	3180	
Shale	3180	3366	
Balltown	3366	4135	
Shale	4135	4200	
Riley	4200	4280	
Shale	4280	4562	
Third Riley	4562	4620	
Shale	4620	4670	
Benson	4670	4680	
Shale	4680	4801	
Elk	4801	4890	
Shale	4890	4913	
Alexander	4913	5022	
Sand & Shale	5022	5183	
T.D.	5183		

1/2" stream oil @ 1180'

Gas Checks

- 1611' - No Show
- 1920' - No Show
- 3004' - No Show
- 3318' - No Show
- 3818' - No Show
- 4226' - Odor
- 4656' - Odor
- 4905' - Odor