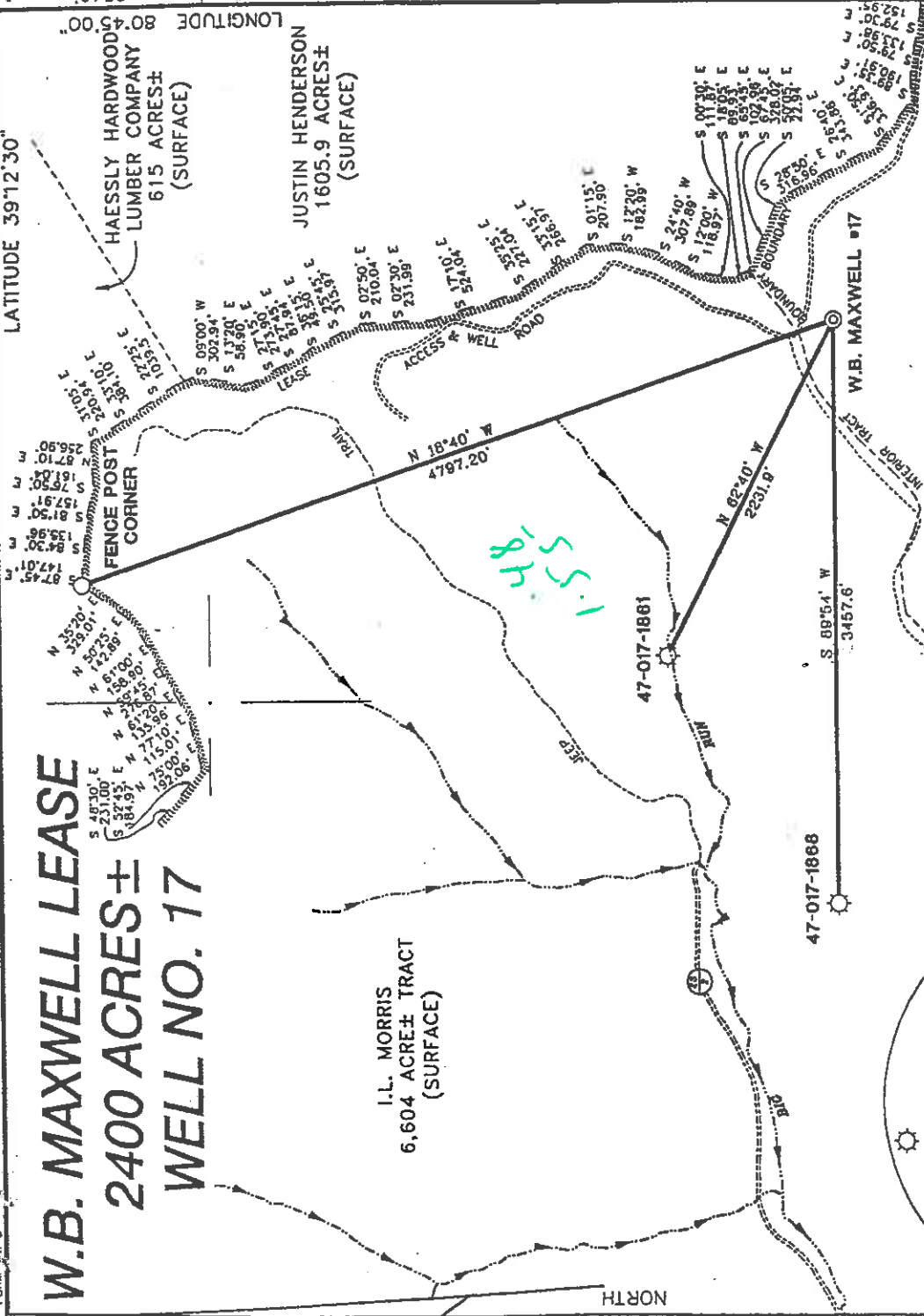


W.B. MAXWELL LEASE 2400 ACRES ± WELL NO. 17

I.L. MORRIS
6,604 ACRES ± TRACT
(SURFACE)

JUSTIN HENDERSON
1605.9 ACRES ±
(SURFACE)

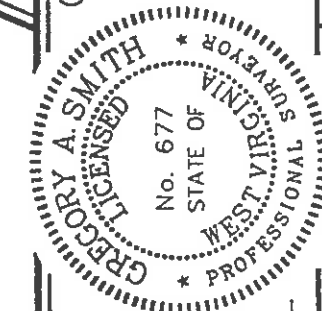
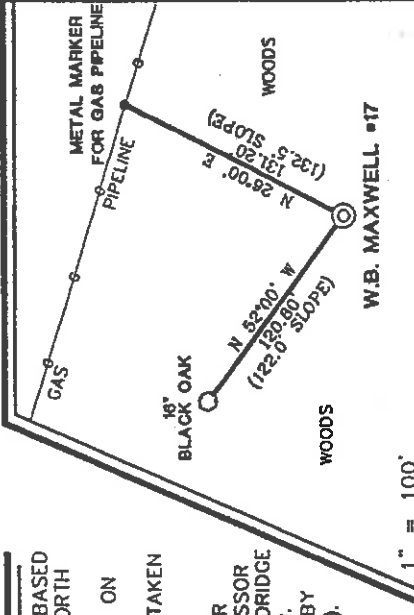
HAESSLY HARDWOOD
LUMBER COMPANY
615 ACRES ±
(SURFACE)



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 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 DEPARTMENT OF ENERGY.

P.S. *Gregory A. Smith*
677

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

DATE OCTOBER 23 . . . 20 00

OPERATORS WELL NO. W.B. MAXWELL #17

API WELL NO. 47-017 COUNTY PERMIT

WELL NO. 47-017 COUNTY PERMIT

STATE 47 COUNTY 017 PERMIT 04583

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4152P17(92-32)
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 1282' WATERSHED DRY 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

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'

DESIGNATED AGENT JAN CHAPMAN ADDRESS 22 GARTON PLAZA WESTON, WV 26452

MAY 4 2001

COUNTY NAME Dodd PERMIT 4583

6-6 133

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

Perkins

Well Operator's Report of Well Work

Farm name: W. B. MAXWELL Operator Well No.: 17

LOCATION: Elevation: 1282 Quadrangle: OXFORD 7.5'

District: SOUTH WEST County: DODDRIDGE
Latitude: 2540 Feet South of 39 Deg. 12 Min. 30 Sec.
Longitude: 8230 Feet West of 80 Deg. 45 Min. 00 Sec.

Company: KEY OIL COMPANY

Address:	<u>22 GARTON PLAZA</u>	Casing & Tubing	<u>11 3/4"</u>	Used in drilling	<u>132'</u>	Left in well	<u>132'</u>	Cement fill up Cu. Ft.	<u>77</u>
Agent:	<u>WESTON, WV 26452</u>								
Inspector:	<u>JAN CHAPMAN</u>		<u>8 5/8"</u>		<u>1643'</u>		<u>1643'</u>		<u>518</u>
Date Permit Issued:	<u>MIKE UNDERWOOD</u>		<u>4 1/2"</u>				<u>5318'</u>		<u>619</u>
Date Well Work Commenced:	<u>08-26-01</u>								
Date Well Work Completed:	<u>08-30-01</u>								
Verbal Plugging:									
Date Permission granted on:									
Rotary X Cable Rig									
Total Depth (feet):	<u>5390' RTD</u>								
Fresh Water Depth (ft.):	<u>1122'</u>								
Salt Water Depth (ft.):	<u>NONE</u>								

Is coal being mined in area (N/Y)? NO

Coal Depths (ft.):

ALEXANDER 5150 - 5232
ELK 5045 - 5050
BENSON 4884 - 4889

Producing formation 3rd RILEY Pay zone depth (ft) 4773 - 4798

Gas: Initial open flow 133 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 1540 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation RILEY SPEECHLY WARREN Pay zone depth (ft) 4451 - 4487
3376 - 3384
3264 - 3353

Gas: Initial open flow * _____ MCF/d Oil: Initial open flow * _____ Bbl/d

Final open flow * _____ MCF/d Final open flow * _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure * _____ psig (surface pressure) after * _____ Hours

* ALL FORMATIONS CO-MINGLED

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.

Signed:

KEY OIL COMPANY

By: [Signature]

Date: 1-7-02

0000 4583

FEB 03 2002

TREATMENT:

STAGE #1: ALEXANDER & ELK (5155 - 5230 & 5047) 16 HOLES: 500 GA, 60,000#
20/40 SAND, 550,000 SCF N₂ & 814 BBLs 60 QUALITY FOAM.

STAGE #2: BENSON & 3rd RILEY (4886 - 4887 & 4775 - 4796) 12 HOLES: 750 GA,
40,000# 20/40 SAND, 417,000 SCF N₂ & 619 BBLs 60 QUALITY FOAM.

STAGE #3: RILEY (4452 - 4466) 12 HOLES: 750 GA, 5000# 80/100 SAND &
35,000# 20/40 SAND, 448,000 SCF N₂ & 649 BBLs 60 QUALITY FOAM.

STAGE #4: SPEECHLY & WARREN (3379 - 3380 & 3265 - 3351) 14 HOLES: 750 GA,
5000# 80/100 SAND & 45,000# 20/40 SAND, 502,000 SCF N₂ & 665
BBLs 60 QUALITY FOAM.

FORMATIONS:

FILL	0	14
SD & SH	14	40
SD	40	78
RR	78	88
SH	88	100
SD & SH	100	125
SD	125	159
SD & SH	159	254
SD	254	269
SH & RR	269	273
SD & SH	273	281
SD	281	289
SD & SH	289	549
SD	549	563
RR	563	584
SD & SH	584	774
SD	774	786
SD & SH	786	1016
SD & SH	1016	1361
SD	1361	1415
SD & SH	1415	1815
LITTLE LIME	1815	1825
SH	1825	1865
BIG LIME	1865	1985
INJUN	1985	2030
SD & SH	2030	3234
WARREN	3234	3270
SD & SH	3270	3780
BALLTOWN	3780	3895
SD & SH	3895	4432
RILEY	4432	4470
SD & SH	4470	4875
BENSON	4875	4885
SD & SH	4885	5150
ALEXANDER	5150	5180
SD & SH	5180	5390

WATER 1112' - 1/2"

GAS TESTS:

1729'	-	119 MCF
2504'	-	133 MCF
2610'	-	ODOR
3224'	-	133 MCF
3725'	-	119 MCF
4406'	-	133 MCF
4809'	-	133 MCF
5054'	-	133 MCF