



BHL is located on topo  map 480 feet south of Latitude: 39° 50' 00"
 SHL is located on topo  map 2,709 feet south of Latitude: 39° 52' 30"

SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

SEE PAGE 3 FOR LESSORS

	SURFACE OWNER	DIST-TM/PAR
1	JOSEPH L. FREELAND ET UX	4-7/21
2	NORMAN L. DERROW ET UX	4-7/32
3	KRISTA JO & DAVID LEE ELLIOTT	4-7/32.2
4	WILLIAM L. & LINDA L. LEMASTERS	4-13/1.7
5	*WILLIAM L. LEMASTERS	4-13/1.6
6	WILLIAM L. LEMASTERS	4-13/1.2
7	WILLIAM L. LEMASTERS	4-13/1.4
8	WILLIAM L. LEMASTERS	4-13/1.5
9	WILLIAM L. LEMASTERS	4-13/1.3
10	CHARLES W. ELLER ET UX	4-13/1.1
11	EUGENE C. & ELIZABETH A. ESTEP	4-13/4.1
12	EUGENE C. & ELIZABETH A. ESTEP	4-13/1
13	SHAWN T. & KELLY J. DANAHEY	4-13/4
14	SHAWN T. DANAHEY ET UX	4-13/4.2
15	TERRY LEE CAMPBELL	4-13/5.6
16	TERRY LEE CAMPBELL	4-13/5.10
17	*LAKEN H. DRAKE	4-13/5
18	PNC BANK N/A	4-13/6
19	*JOHN STOCKLASK	4-13/5.11
20	*LAKEN H. DRAKE	4-13/5.7
21	JOHN DRAKE ET UX	4-13/5.3
22	*JOHN DRAKE ET UX	4-13/5.5
23	LAKEN H. DRAKE	4-13/5.2
24	LAKEN H. DRAKE	4-13/5.8
25	IMOGENE WHITFIELD - LIFE	4-13/21
26	IMOGENE WHITFIELD - LIFE	4-13/23
27	LINDA LEE WILLIAMS - TOD	4-13/25.1
28	LLOYD BAKER	4-13/25.2
29	DONALD WAYT	5-3/3
30	ROGER WAYNE RINE	5-3/32.11
31	RALPH A. & ELLA BEA CHAPLIN	5-3/32.1
32	DALLAS PAUL RINE	5-3/32.12
33	KEITH A. & STACY HILL	5-3/32.10
34	JOHN ROBERT HILL ET UX - LIFE	5-3/32.4
35	JEFFREY A. SZAFRAN	5-3/6
36	THOMAS MONTI ET AL	5-3/9
37	JOAN JORDAN	5-3/11.1
38	RAYMOND L. & DOROTHY L. MIDCAP	5-3/10
39	RALPH ALLEN & ROBIN HOLMES	5-3/11
40	RALPH ALLEN & ROBIN HOLMES	5-3/12
41	CNX LAND RESOURCES INC	5-3/23
42	GLEN L. CUNNINGHAM ET UX	5-3/14
43	*GLENN L. CUNNINGHAM ET UX	5-4/4



03/08/2019

SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83(M)
 N:4413093.48
 E:520432.09
 NAD83, WV NORTH
 N:500621.702
 E:1614535.717

APPROX. LANDING POINT
 UTM 17-NAD83(M)
 N:4412395.45
 E:520096.83
 NAD83, WV NORTH
 N:498349.518
 E:1613397.260

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83(M)
 N:4409146.56
 E:522618.42
 NAD83, WV NORTH
 N:487550.002
 E:1621493.702

BHL is located on topo map 7,677 feet west of Longitude: 80° 42' 30"
 SHL is located on topo map 3,277 feet west of Longitude: 80° 45' 00"

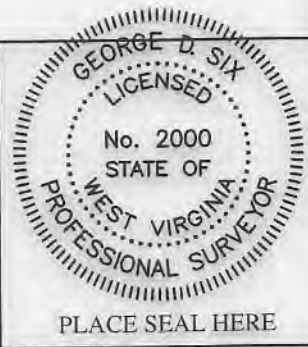


* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

FILE #: FREELAND M05H
 DRAWING #: FREELAND M05H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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 ENVIRONMENTAL PROTECTION.

Signed: *George D. Six*
 R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: OCTOBER 12, 2018
 OPERATOR'S WELL #: FREELAND M05H
 API WELL #: 47 51 02148
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1274.00'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWATAN POINT, WV 7.5'

SURFACE OWNER: JOSEPH L. FREELAND ET UX ACREAGE: 104.22±
 OIL & GAS ROYALTY OWNER: JOSEPH FREELAND ET UX ACREAGE: 734.903±

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE

(SPECIFY): _____
 TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,395'± TMD: 21,496.45'±

WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 700 CHERRINGTON PARKWAY Address 500 LEE STREET, EAST SUITE 1600
 City CORAOPOLIS State PA Zip Code 15108 City CHARLESTON State WV Zip Code 25301-3202

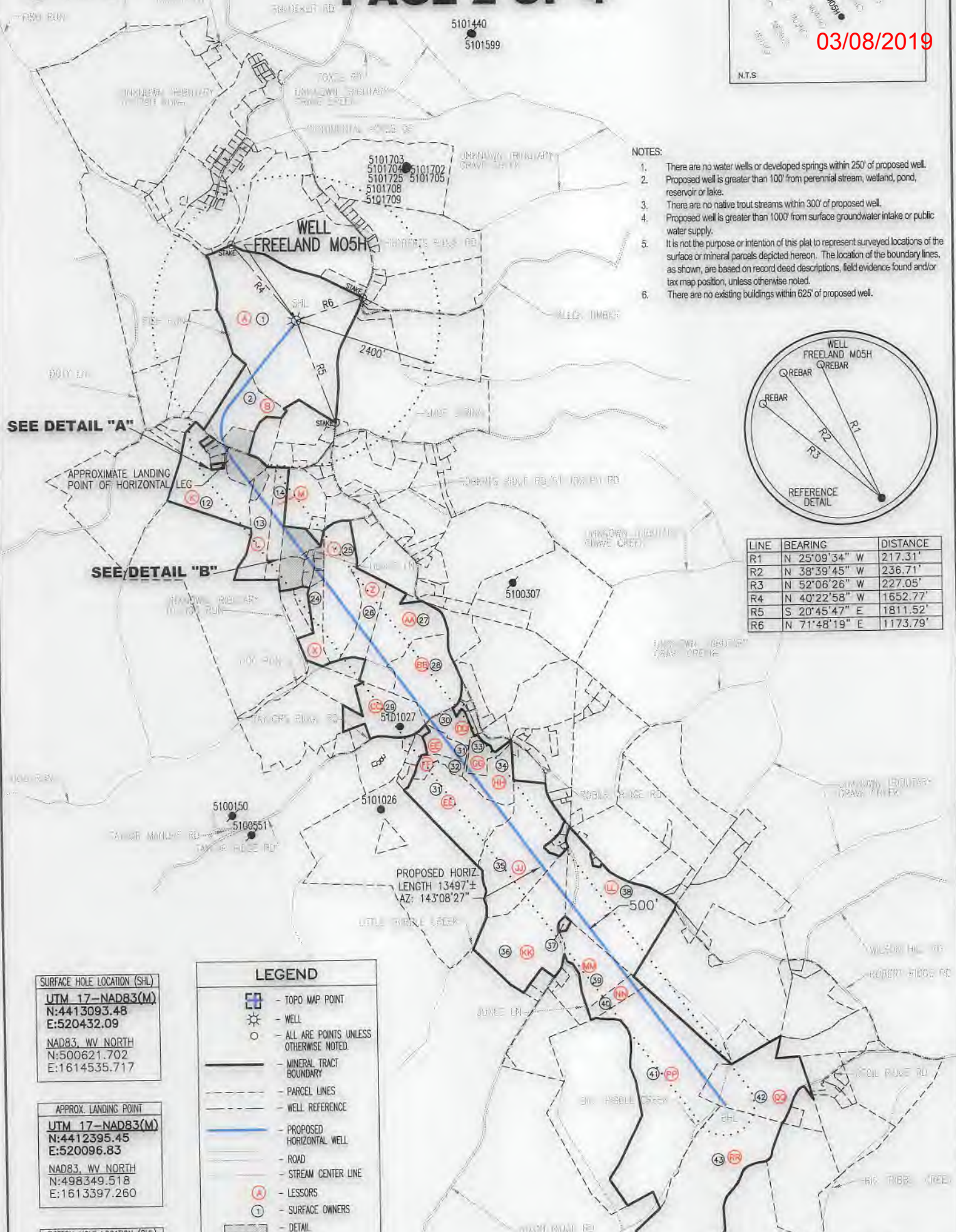
FREELAND M05H PAGE 2 OF 4



WELL PAD ORIENTATION DETAIL

03/08/2019

N.T.S.



- NOTES:**
1. There are no water wells or developed springs within 250' of proposed well.
 2. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 3. There are no native trout streams within 300' of proposed well.
 4. Proposed well is greater than 1000' from surface groundwater intake or public water supply.
 5. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
 6. There are no existing buildings within 625' of proposed well.



LINE	BEARING	DISTANCE
R1	N 25°09'34" W	217.31'
R2	N 38°39'45" W	236.71'
R3	N 52°06'26" W	227.05'
R4	N 40°22'58" W	1652.77'
R5	S 20°45'47" E	1811.52'
R6	N 71°48'19" E	1173.79'

SEE DETAIL "A"

SEE DETAIL "B"

PROPOSED HORIZ.
LENGTH 13497' ±
AZ: 143°08'27"

SURFACE HOLE LOCATION (SHL)
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N:4413093.48
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NAD83, WV NORTH
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LEGEND

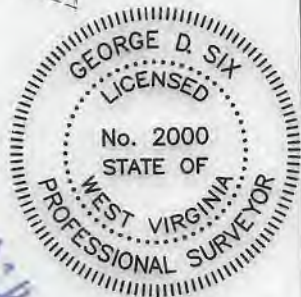
- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- LESSORS
- SURFACE OWNERS
- DETAIL

GAS WELLS

- EXISTING WELLS
- PLUGGED WELLS
- ABANDONED WELLS

OCTOBER 12, 2018

George D. Six



Blue Mountain
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

47-051-02148

FREELAND M05H PAGE 3 OF 4

03/08/2019

	LESSOR	DIST-TM/PAR
A	JOSEPH FREELAND ET UX	4-7/21
B	NORMAN L. DERROW ET UX	4-7/32
C	KRISTA JO ELLIOTT ET VIR	4-7/32.2
D	*WILLIAM L. LEMASTERS ET UX	4-13/1.6
E	WILLIAM L. LEMASTERS ET UX	4-13/1.2
F	EUGENE C. ESTEP ET UX	4-13/1.4
G	EUGENE C. ESTEP ET UX	4-13/1.3
H	EUGENE C. ESTEP ET UX	4-13/1.1
J	EUGENE C. ESTEP ET UX	4-13/4.1
K	EUGENE C. ESTEP ET UX	4-13/1
L	SHAWN T. DANAHEY ET UX	4-13/4
M	SHAWN T. DANAHEY ET UX	4-13/4.2
N	TERRY L. CAMPBELL ET VIR	4-13/5.6
P	TERRY L. CAMPBELL ET VIR	4-13/5.10
Q	*H3 LLC	4-13/5
R	JOHN M. STOCKLASK	4-13/6
S	*JOHN DRAKE ET UX	4-13/5.11
T	*STANLEY W. HUNT	4-13/5.7
U	JOHN DRAKE ET UX	4-13/5.3
V	*H3 LLC	4-13/5.5
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X	STANLEY W. HUNT	4-13/5.8
Y	IMOGENE WHITFIELD	4-13/21
Z	IMOGENE WHITFIELD	4-13/23
AA	CHARLES WILLIAMS ET UX	4-13/25.1
BB	LLOYD G. BAKER	4-13/25.2
CC	DONALD L. WAYT	5-3/3
DD	AMP FUND II GP LLC	5-3/32.11
EE	AMP FUND II GP LLC	5-3/32.1
FF	AMP FUND II GP LLC	5-3/32.12
GG	KEITH A. HILL ET UX	5-3/32.10
HH	CAROL ELLEN HILL MARK O. HILL MELISSA J. DAVIS KEITH A. HILL	5-3/32.4
JJ	CHARLOTTE S. SZAFRAN JEFFREY A. SZAFRAN JEFFREY D. ROBINSON UX RANDY D. ROBINSON MARK A. ROBINSON BRIAN FURBEE GREGORY D. FURBEE MARSHA A. SINGER EDMOND J. FURBEE CHRISTOPHER G. FURBEE MATTHEW R. FURBEE	5-3/6

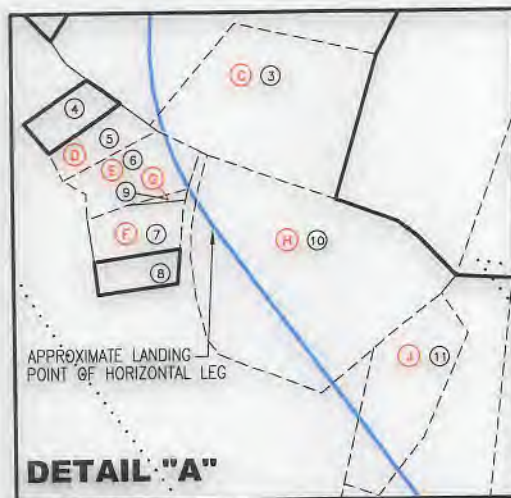
	LESSOR	DIST-TM/PAR
JJ	MAUREEN C. COOPER	5-3/6
	REXENA A. CUNNINGHAM	
	RICHARD CECIL ET UX	
	SHERRY L. MORRIS	
	WILLIAM R. POLEN	
	DEBBIE MAE MOORE	
	ETHEL E. STARKEY AKA ETHEL ELAINE STARKEY	
	CALLENE M. PETERSON FKA CALLENE M. STARKEY	
	REBECCA JEAN BROWN	
	PAULA J. ROHRER	
	MARLA K. STRUHAR	
	SARAH SISLEY FKA SARAH SALSBERY ET VIR	
	CARALOTTA J. GIBSON FKA CARALOTTA SALSBERY	
	JOHN M. SALSBERY BY JASON L. JACKSON GUARDIAN	
	DELLA J. COVERDALE ET UX	
	TRACY M. SALSBERY AKA TRACY SALSBERY	
	GINGER L. SALSBERY AKA GINGER SALSBERY	
	DALE A. SALSBERY AKA DALE ADORIN SALSBERY	
	JODIE R. MORRIS FKA JODIE SALSBERY	
	BARBARA L. MCGAHA	
	ELAINE M. KEENER	
	SHERRY KAY RISHER	
	SANDRA LEE KNAPSKI	
	BRENT LEE STARKEY	
	FORREST STARKEY ET UX	
	ANITA STANLEY FKA ANITA STARKEY	
	LINDA D. MAYO ET VIR	
	CAROL JEAN MALILKA ALBERT	
	SHARON L. SCHARTIGER	
	JANET SHADDICK	
	DUANE M. STARKEY ET UX	
	REGINA KAY ST GEORGE ET VIR	
	BETTY LOU STARKEY	
	PATTIE S. MADRID FKA PATTIE S. SPEAR	
KK	STEPHEN M. THOMAS ET UX R. STEPHEN THOMAS ET UX JOHN RESSEGER LAURA VIRGINIA RESSEGER WILLIAM ELMER RESSEGER	5-3/9
LL	DOROTHY L. MIDCAP	5-3/10
MM	RALPH ALLEN HOLMES	5-3/11
NN	RALPH ALLEN HOLMES	5-3/12
PP	LARRY E. HILL	5-3/23
QQ	GLENN L. CUNNINGHAM ET UX	5-3/14

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FREELAND

M05H

PAGE 4 OF 4

03/08/2019

RR	LESSOR	DIST-TM/PAR
	*MICHAEL GORDON WHITE ET UX	5-4/4
	*DANIEL JOSEPH HAMMEL	
	*DAVID ANTHONY HAMMEL SR.	
	*JAMES ROBERT EVANS SR.	
	*ELIZABETH S. HUDSON	
	*PAUL PATTERSON ET UX	
	*RONALD L. PATTERSON	
	*HEATHER LEE DAVIS	
	*JAMES PATTERSON	
	*DAVID LEE MARTIN	
	*JUDITH PEARCE	
	*WENDELL W. JONES SR., ET UX	
	*JODIE CAROL WIGNER	
	*GERALDINE ANNE BRACKEN	
	*MARY LOU SNYDER	
	*PATRICIA A. PEARCE	
	*ANDREA EVANS HORTON	
	*MARY CATHERINE HOOD	
	*JANET F. HIGGINS	
	*TIMOTHY P. EVANS	
	*HEATHER NICOLE EVANS	
	*BARBARA THOMSEN	
	*GLORIA YEAGER	
	*BECKY OLIVER	
	*GERALD WAYNE MARTIN ET UX	
	*GARY D. ALLEN	
	*MARTIE JO MARTIN	
	*HUGH L. JONES ET UX	
	*KAROL L. BABEL	
	*WILLIAM S. MILLER ET UX	
	*GLADYS JANE BALDERSON	
	*MARGARET ROBERTA DAVIS	
	*RICHARD DOUGLAS WAYT ET UX	
	*RUTH ANN HARRIGAN	
	*LINDA FAYE SCOLLIK	
	*GERALD CLINTON OLIVER ET UX	
	*JOSEPH W. OLIVER	
	*JUDITH K. SHARP	
	*GERALD C. OLIVER ET UX	
	*CARL ALLEN ET UX	
	*HOLLY K. WAYT	
	*JOHN D. OLIVER	
	*MICHAEL CHAMBERS	
	*TED IANNARELLI ET UX	
	*CARRIE LEE HENDERSON	
	*JAMES A. OLIVER	
	*SUSAN M. MCGILL	
	*MICHAEL A. MAY	
	*ROBERT LEO ALLEN ET UX	
	*LAWRENCE MANNELLA ET UX	
	*PEGGY MARTIN	
	*GLENN L. CUNNINGHAM ET UX	
	*DELORES J. MYERS	
	*JOHN G. CALVERT	

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

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