

LATITUDE 39°25'00"

10,867'

LATITUDE 39°27'30" 4,636' TO BOTTOM HOLE

LONGITUDE 80°45'00"

8,165'

14,220' TO BOTTOM HOLE

LONGITUDE 80°42'30"

Antero Resources Corporation Well No. Lindsey Unit 1H

Table with 4 columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists various land parcels and owners.

AS DRILLED DATA: WELL 1H TOP HOLE INFORMATION: N: 328,148ft E: 1,647,651ft... BOTTOM HOLE INFORMATION: N: 337,347ft E: 1,642,233ft...

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 4,360,568m E: 521,819m... BOTTOM HOLE INFORMATION: N: 4,363,343m E: 520,122m

WV NORTH ZONE GRID NORTH

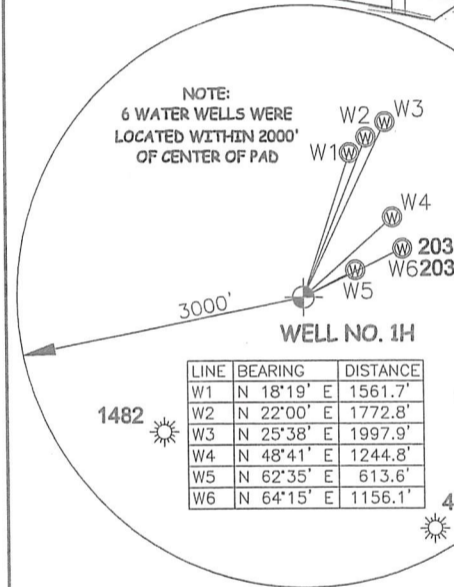
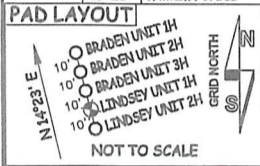


Table with 3 columns: LINE, BEARING, DISTANCE. Lists well location data.

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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

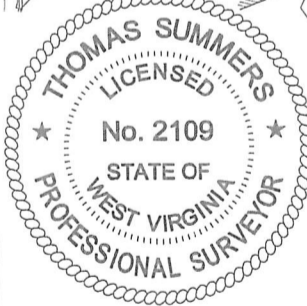


Table with 4 columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists land parcels and owners.

JOB # 18-017WA DRAWING # LINDSEY1HAD SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND: Surface Owner Boundary Lines +/- Interior Surface Tracts +/- Proposed Well Path As Drilled Well Path THOMAS SUMMERS P.S. 2109 DATE 11/19/19 OPERATOR'S WELL# LINDSEY UNIT #1H

- NOTE: 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD. 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION. 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES. 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02547 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 827' AS BUILT WATERSHED McELROY CREEK QUADRANGLE TH - CENTERPOINT 7.5' BH - SHIRLEY 7.5' DISTRICT McELROY COUNTY TYLER SURFACE OWNER STEPHEN GRIMM ACREAGE 44.38 ACRES +/- OIL & GAS ROYALTY OWNER M. V. B. GEORGE; MARY JO FOSTER LIVING TRUST; L. BROOKS COFFMAN ET UX; LEASE ACREAGE 300 AC±; 94 AC±; 88.13 AC±; EDGAR B. HARTLEY, HEIR OF HEATHER HARTLEY; JOHN B. SHEPHERD ET UX; NELDA JUNE STUBBS; 29 AC±; 18 AC±; 14 AC±; RANDI MICHAEL; PERRY W. DUCKWORTH; RICHARD GATRELL ET UX; DONALD LEE SWEENEY; K&D HOLDINGS, LLC. 320.94 AC±; 86.25 AC±; 100 AC±; 100 AC±; 12 AC± PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,566' TVD 16,853' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 ADDRESS CHARLESTON, WV 25313

COUNTY NAME

PERMIT

WR-35 'As-Drilled'

LATITUDE 39°25'00"

10,867'

LATITUDE 39°27'30" 4,636' TO BOTTOM HOLE

LONGITUDE 80°45'00"

8,165'

14,220' TO BOTTOM HOLE

LONGITUDE 80°42'30"

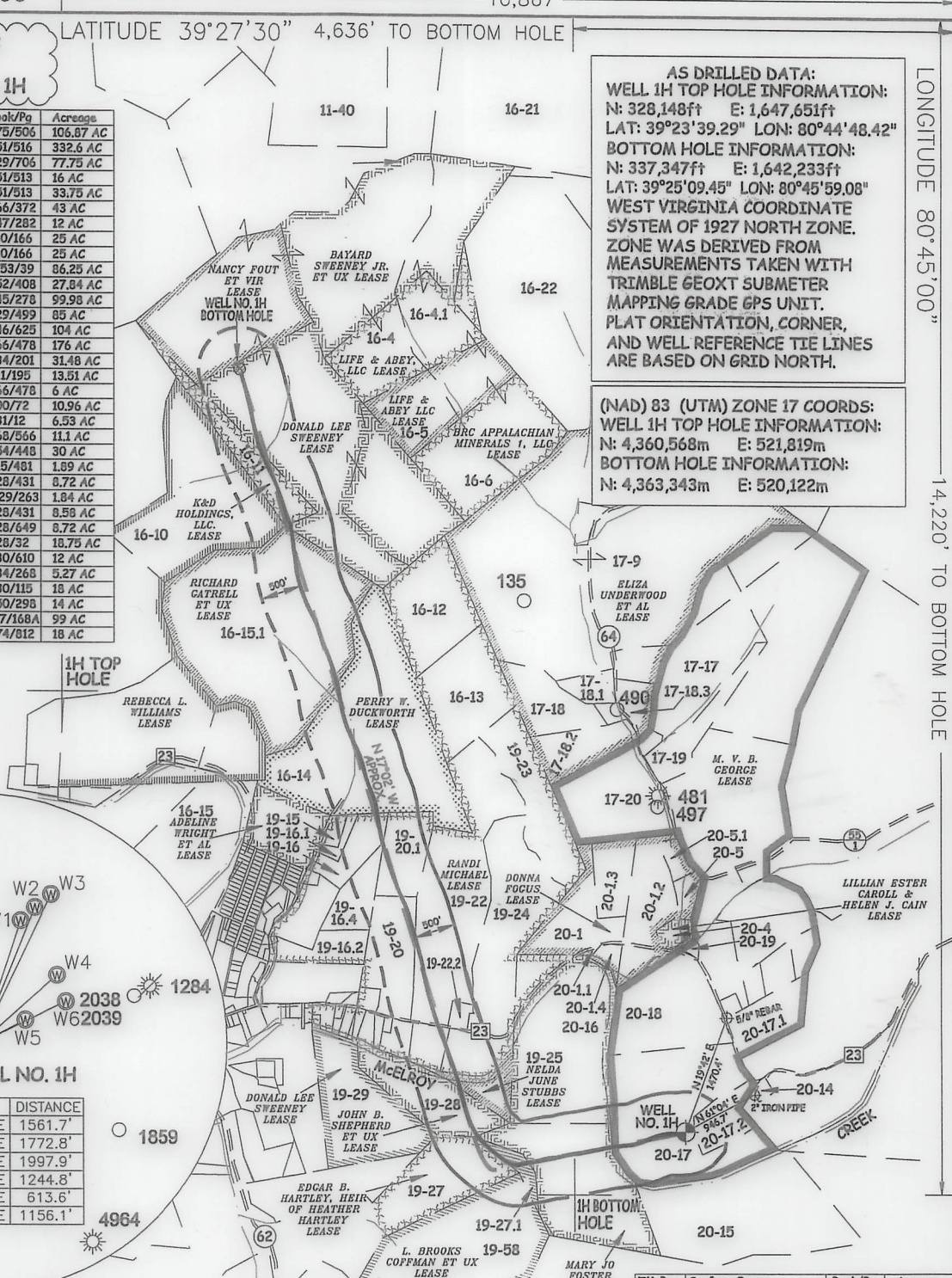
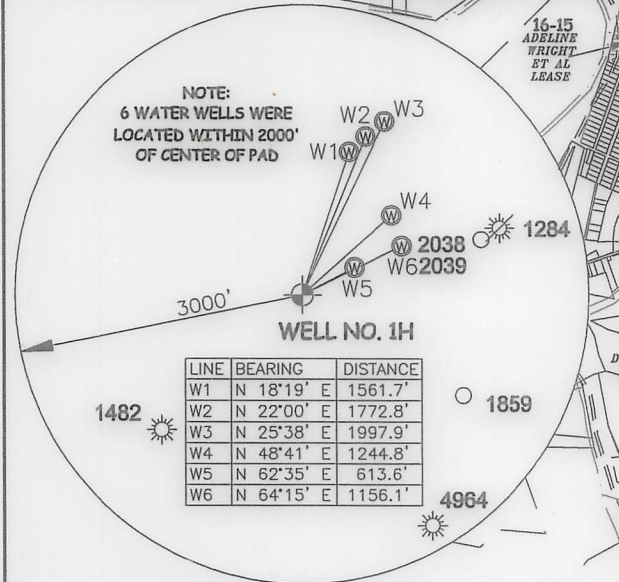
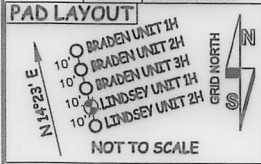
Antero Resources Corporation Well No. Lindsey Unit 1H

TM-Par	Surface Owner	Book/Pg	Acres
11-40	Hunter Real Estate LLC	378/506	106.87 AC
16-4	KES Investments 4 LLC	351/516	332.6 AC
16-4.1	Howard Pratt	329/706	77.75 AC
16-5	KES Investments 4 LLC	351/513	16 AC
16-6	KES Investments 4 LLC	351/513	33.75 AC
16-10	Mike Ross Inc.	366/372	43 AC
16-11	Charles Straight	347/282	12 AC
16-12	Boyd Nichols Est.	180/166	25 AC
16-13	Boyd Nichols Est.	180/166	25 AC
16-14	John Merritt	W53/39	86.25 AC
16-15	Ken Der Jr.	352/408	27.84 AC
16-15.1	Ken Der Jr.	345/278	99.98 AC
16-21	Maxine Volgyi	329/499	85 AC
16-22	Albert Ricci Jr.	346/625	104 AC
17-9	Myra Parker	366/478	176 AC
17-17	Anthony Clark	334/201	31.48 AC
17-18	Gary Milley	311/195	13.51 AC
17-18.1	Myra Parker	366/478	6 AC
17-18.2	Gary Milley	300/772	10.96 AC
17-18.3	Gary Milley	331/12	6.93 AC
17-19	Clifton Weekley	268/566	11.1 AC
17-20	Brandy Greenwald	354/448	30 AC
19-15	Sharon George	315/481	1.89 AC
19-16	Teresa Weekley	328/431	8.72 AC
19-16.1	Teresa Weekley	W29/263	1.84 AC
19-16.2	Clifton Weekley	328/431	8.58 AC
19-16.4	Perry Weekley	328/649	8.72 AC
19-20	Howard Stubbs	228/32	18.75 AC
19-20.1	Howard Stubbs	330/610	12 AC
19-22	Douglas Emetz	334/268	5.27 AC
19-23	John Shepherd	330/115	18 AC
19-25	Jonathan Vost	350/298	14 AC
19-27	Sandra Hopper	337/168A	9.9 AC
19-28	William Forbes	474/812	18 AC

AS DRILLED DATA:
WELL 1H TOP HOLE INFORMATION:
 N: 328,148ft E: 1,647,651ft
BOTTOM HOLE INFORMATION:
 N: 337,347ft E: 1,642,233ft
 LAT: 39°25'09.45" LON: 80°45'59.08"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 4,360,568m E: 521,819m
BOTTOM HOLE INFORMATION:
 N: 4,363,343m E: 520,122m

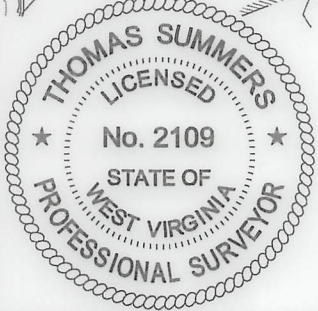
WV NORTH ZONE
GRID NORTH



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STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



TM-Par	Surface Owner	Book/Pg	Acres
19-29	John Shepherd	330/115	31.75 AC
19-58	Robert Gille	317/545	86.13 AC
20-1	Eloise Bailey	320/567	24.73 AC
20-1.1	Judy Weekley	247/238	0.37 AC
20-1.2	Charles Baird	345/468	18.54 AC
20-1.3	Charles Baird	345/468	9.07 AC
20-1.4	Mark Harris	371/286	2.147 AC
20-4	Lillian Carroll	351/131	1.13 AC
20-5	Lloyd Pitts	320/426	3.00 AC
20-5.1	Jeffrey Renshaw	335/779	2.636 AC
20-14	Forest Moore Jr.	253/83	0.81 AC
20-15	Gary Hamilton	363/209	50 AC
20-16	Larry Frazee	344/777	94 AC
20-17	Stephen Grimm	363/331	44.38 AC
20-17.1	Ralph Sweeney	301/2	12.466 AC
20-17.2	Mary Lemasters	WB34/23	8.919 AC
20-18	Mary Lemasters	WB34/23	26.75 AC
20-19	Hiram Underwood Jr.	254/110	0.7 AC

JOB # 18-017WA
 DRAWING # LINDSEY1HAD
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
 --- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 ○ Proposed Well Path
 ⊗ As Drilled Well Path

THOMAS SUMMERS P.S. 2109
 DATE 11/19/19
 OPERATOR'S WELL# LINDSEY UNIT #1H

- NOTE**
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WR-35 'As-Drilled'

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02547
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 827' AS BUILT WATERSHED McELROY CREEK
 QUADRANGLE TH-CENTERPOINT 7.5' BH-SHIRLEY 7.5' DISTRICT McELROY COUNTY TYLER
 SURFACE OWNER STEPHEN GRIMM ACREAGE 44.38 ACRES +/-
 OIL & GAS ROYALTY OWNER M. V. B. GEORGE; MARY JO FOSTER LIVING TRUST; L. BROOKS COFFMAN ET UX; LEASE ACREAGE 300 AC±; 94 AC±; 88.13 AC±;
EDGAR B. HARTLEY, HEIR OF HEATHER HARTLEY; JOHN B. SHEPHERD ET UX; NELDA JUNE STUBBS; 29 AC±; 18 AC±; 14 AC±;
RANDI MICHAEL; PERRY W. DUCKWORTH; RICHARD GATRELL ET UX; DONALD LEE SWEENEY; K&D HOLDINGS, LLC. 320.94 AC±; 86.25 AC±; 100 AC±; 100 AC±; 12 AC±

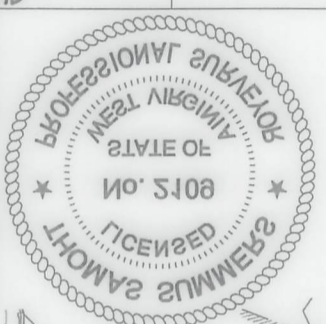
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,566' TVD 16,853' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

EOKM MM-e DEWLEB' CO 80503 CHARGESTON' WA 22313
 ADDRESS 1012 MANKOOF ST. ADDRESS 2400 D BIG TREE ROAD
 MEGG OBEBAJOB WILEKO BEZOPHCEB COB' DESIGNAED AGEN' DMINA STAMBEB - CI COBPOBATION CATEP
 TABCEL EOBAMON MABCEITTEB ESTIMATED DEBTH 0'200, TAD 10'823, MD
 (2BECIA) V2 DBITED BTNE & ABVIDON CFEAN ONI & BEBTE
 BTNE OEB OGD EOBAMON BEPEOBATE IEM EOBAMON OTHER PNYCICAF CHANCE IN MEGG
 PPOBODED MOBK: DBITG COILEBT DBITG DEEBEB BEBTEG PFACTUBE OB STIMMULATE
 BVAID MICHAET: BEBBA M' DUCKMOBTH: RICHARD CAIWEET EL NX: DOWTD TEE SWEEMEX: KED HOIDINGB ITC 350'84 AC-: 88'52 AC-: 100 AC-: 100 AC-: 15 AC-
 EDQV2 B' HVBIGEA' HEIB OB HEATHEB HVBIGEA: TONI B' ZHEBHEBD EL NX: MEGDA TUIE STUBBEB: 58 AC-: 18 AC-: 14 AC-:
 OIG & CA2 BOATIA OMIEB M' A' B' GEORGE: MABA TO EOSTEB PLING TB22: G BROOKB COEFMNI EL NX: FEVZE ACBEVGE 300 AC-: 84 AC-: 88'13 AC-:
 SUBFACE OMIEB STEPHEN SKIMM ACBEVGE 4'38 ACRES 4'
 OUBABANGE IH - CEITEBPOBIT 1'2, BH - ZHIBTEG 1'2, DISTRICT MCEBBOY COUNTY TAGEB
 GOCATION: EGEATION 821, V2 BUIGT WATERBHEB MCEBBOY CREEK STATE COUNTY BEBMIT
 (IE „CA2,“) PPODUTION X STOBACE DEEB ZHNGOM X TAD COUNTY BEBMIT
 MEGG TABE: OIG CA2 X GIUID INJECTION WASTE DISPOZAG TAD COUNTY BEBMIT

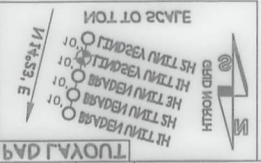
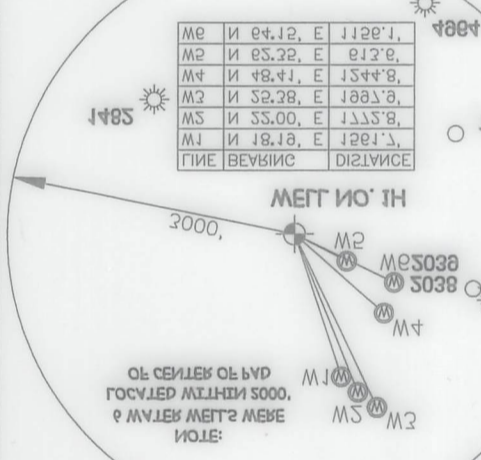
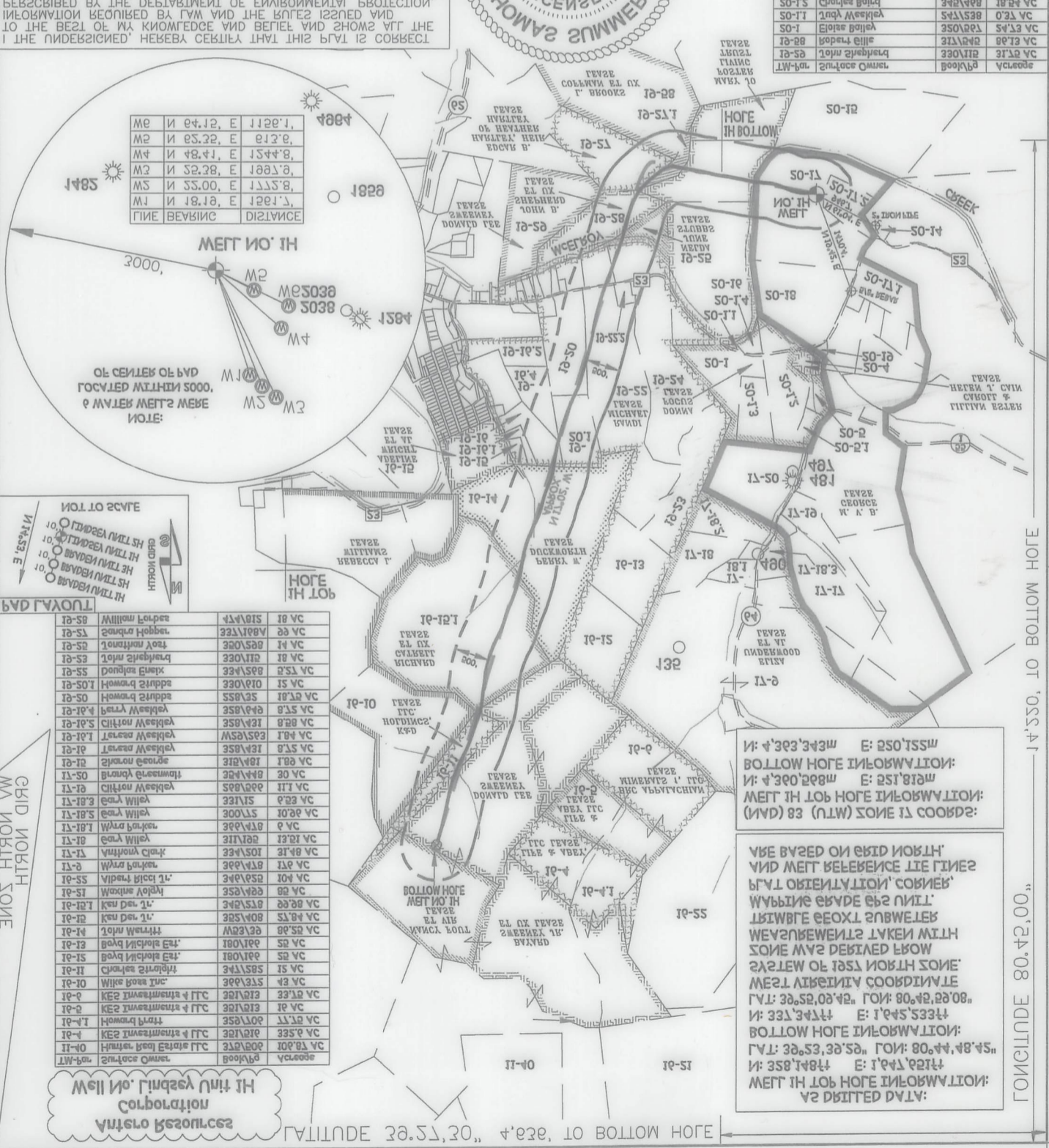
DIVISION OF OIG AND CA2 DEPARTMENT OF ENERGY STATE OF WEST VIRGINIA
 SUBMETER MAPPING SCALE CB2 BPOLEI ZONEB OF EGEA ACCURACY SUBMETER
 MINIMUM DECBEE OB SCALE 1/4" = 3000,
 DRAWING # MINDSEIHW
 JOB # 18-013MW

MB-32, A2-D-1119
 WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED,
 1. THIS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES
 PROVIDED TO THE FEVZE BOUNDARIES.
 NOTES 2 AND 3 OING THE RELATIONSHIP TO THE DATA AND INFORMATION
 4. THIS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN
 5. AS DBITED DATA WAS PROVIDED BY WILEKO BEZOPHCEB COBPOBATION.
 6. JOB HOGE DATA SHOWN HEREON WAS PROVIDED BY
 (822) FEET OB THE CENTER OB THE METT BUD
 OB HOITIA HUBBANDIA ARE GOCATED WITHIN 200 HUNDRED TWENTY-FIVE
 (2500) SQUARE FEET OB LAINEB NEED TO HOGE OB ZHEBEB DATA CATEG
 7. NO UNCLIBED DBETTING OB BUIDINGB TWO THOUSAND FIVE HUNDRED
 WAS

WEST VIRGINIA STATE
 SSO WAZONIC VAE' BEINZBOKO
 MITTOM LAND SUBLEATING BTTC
 OFFICE OF OIG AND CA2
 OF ENVIRONMENTAL PROTECTION
 STATE OF WEST VIRGINIA, DIVISION



50-18	Hilmon Underwood	58'110	0'1 AC
50-18	Wally Pendergast	108'453	50'10 AC
50-13	Wally Pendergast	108'453	8'810 AC
50-11	Wally Pendergast	301'5	15'400 AC
50-11	Stephen Skimm	302'321	44'30 AC
50-10	Paula Pendergast	34'1111	04 AC
50-10	Paula Pendergast	302'508	00 AC
50-14	Robert Moore Jr.	52'102	0'81 AC
50-11	Stephen Skimm	330'117	5'820 AC
50-2	Paula Pendergast	250'450	2'00 AC
50-1	Hilmon Underwood	301'131	1'12 AC
50-14	Wally Pendergast	313'580	5'14 AC
50-12	Charles Baird	342'450	8'01 AC
50-12	Charles Baird	342'450	18'4 AC
50-11	Paula Pendergast	54'1530	0'31 AC
50-1	Robert Skimm	350'150	54'13 AC
18-28	Robert Skimm	310'450	08'13 AC
18-28	John Pendergast	230'110	3'10 AC
18-14	Surface Owner	Book 98	Acres 0000



GRID NORTH ZONE

18-58	William Forber	114'015	18 AC
18-51	Samuel Hobbes	321'108	00 AC
18-50	Jonathan Root	300'500	14 AC
18-52	John Pendergast	300'110	18 AC
18-55	Paula Pendergast	334'500	05 AC
18-50	Howard Skimm	300'010	15 AC
18-50	Howard Skimm	550'325	18'10 AC
18-10	Paula Pendergast	350'040	0'15 AC
18-10	Stephen Skimm	350'431	0'00 AC
18-10	Teresa Weckley	152'050	1'04 AC
18-10	Teresa Weckley	350'431	0'15 AC
18-10	Stephen Skimm	310'401	1'00 AC
18-10	Paula Pendergast	304'440	30 AC
18-10	Stephen Skimm	500'000	1'11 AC
18-10	Paula Pendergast	331'115	0'03 AC
18-10	Paula Pendergast	300'115	10'00 AC
18-10	Wally Pendergast	300'410	0 AC
18-10	Paula Pendergast	311'100	13'01 AC
18-10	William Clark	324'501	31'40 AC
18-0	Wally Pendergast	300'410	10 AC
18-55	Vivian Price Jr.	340'050	104 AC
18-51	Maxine Logan	350'400	00 AC
18-10	Ken Der Jr.	340'510	00'00 AC
18-10	Ken Der Jr.	325'400	53'04 AC
18-14	John Pendergast	100'000	00'52 AC
18-13	Boyd Nichols Est.	180'100	50 AC
18-15	Boyd Nichols Est.	180'100	50 AC
18-11	Charles Skimm	341'585	15 AC
18-10	Wally Pendergast	300'315	43 AC
18-0	KE2 Investments & ITC	301'010	32'10 AC
18-0	KE2 Investments & ITC	301'010	10 AC
18-1	Howard Skimm	350'100	11'10 AC
18-1	KE2 Investments & ITC	301'010	33'0 AC
18-10	Hunter Road Estate LLC	310'000	100'01 AC
18-10	Surface Owner	Book 98	Acres 0000

N: 4'303'343M E: 250'155M
 BOTTOM HOGE INFORMATION:
 N: 4'300'200M E: 251'810M
 METT IH TOP HOGE INFORMATION:
 (MVD) 83 (NLM) ZONE 12 COORDS:
 ARE BASED ON GRID NORTH
 AND METT REFERENCE LINE
 BY T ORIENTATION, COINER,
 WYBITE EYDE E2Z UNIT
 BUBWBE EEOXT SUBWELER
 WEVABEWENTB TIKEN WITH
 ZONE MVS DEPTED EBOW
 SYATEM OB 1051 NORTH ZONE
 WEST VIRGINIA COORDINATE
 GY: 30,52,00'42, GOI: 80,42,00'08,
 N: 331'34114 E: 1'045'53344
 BOTTOM HOGE INFORMATION:
 GY: 30,53,30'50, GOI: 80,44,48'45,
 N: 350'14404 E: 1'045'52744
 METT IH TOP HOGE INFORMATION:
 AS DBITED DATA:

LATITUDE 30.52.00, TO BOTTOM HOGE
 LATITUDE 30.52.30, TO BOTTOM HOGE