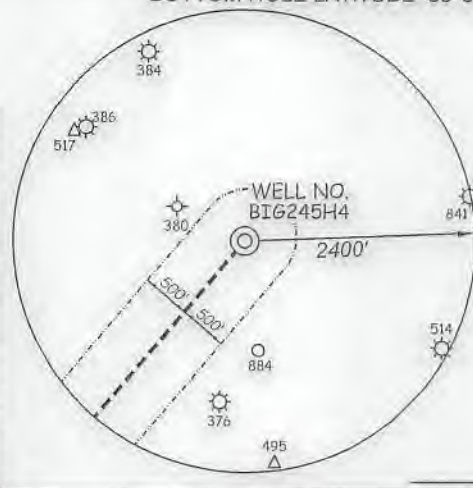


BIG245
BIG245H4
EQT PRODUCTION COMPANY

Table with columns: TAG, TM-PAR., SURFACE OWNERS, ACRES. Lists various land parcels and owners including Joseph F & Gay Blake, Virginia Ruth Blake, and others.



03/08/2019

SUBSURFACE AGREEMENT table with columns: IKEY JOE WILLEY, ROYALTY OWNERS, ACRES, LEASE NO. Lists owners like Acropolis Inc. and Norma Jean Phillips Riggs.

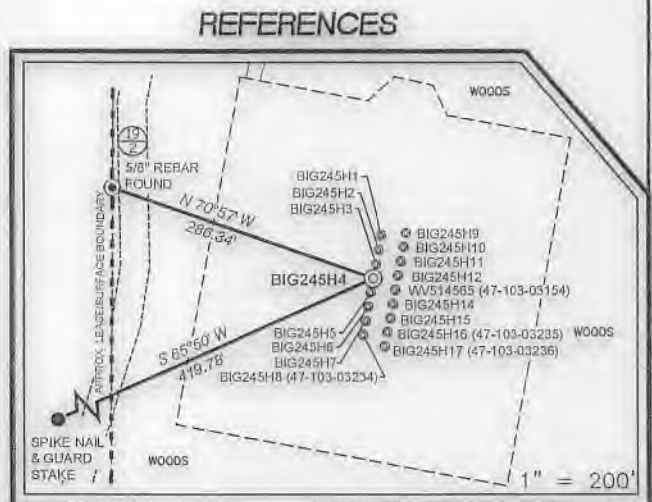
Table with columns: TAG, TM-PAR., SURFACE OWNERS, ACRES. Lists parcels RR through DDD with owners like James Arthur YoHo and Dorn H Higginbotham.

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)
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NAD27 GEO. LAT-(N) 39.595332 LONG-(W) 80.569001
NAD83 UTM (M) N. 4,382,942.536 E. 537,022.389
LANDING POINT
NAD27 S.P.C.(FT) N. 398,347.32 E. 1,695,807.13
NAD27 GEO. LAT-(N) 39.588678 LONG-(W) 80.579335
NAD83 UTM (M) N. 4,382,199.862 E. 536,134.237
BOTTOM HOLE
NAD27 S.P.C.(FT) N. 406,352.96 E. 1,692,408.69
NAD27 GEO. LAT-(N) 39.610543 LONG-(W) 80.591787
NAD83 UTM (M) N. 4,384,621.561 E. 535,058.229

NOTES ON SURVEY

- 1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS 2500 SQ. FT. OR GREATER WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. WELL SPOT CIRCLE (SHEET 1) AND TOPO MARK SCALE ARE 1" = 2000'.

SLS Land & Energy Development Solutions from the ground up. P.O. Box 150 • 12 Vanhorn Drive • Glenville, WV 26031 • (304) 462-5634 www.slsurvey.com



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. 849 C. Victor Moyers



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 31, 2018
REVISED NOVEMBER 30, 2018
OPERATORS WELL NO. BIG245H4
API WELL NO. 47-103-03265
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7812PBIG245H4-R.dwg SCALE SEE NOTE 2
HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK)

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

WELL TYPE: OIL GAS X INJECTION LIQUID WASTE DISPOSAL IF "GAS" PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: PAD ELEVATION 1483' PROPOSED ELEV. 1430' WATERSHED ROCKCAMP RUN OF WILLEY FORK
DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'
SURFACE OWNER ET BLUE GRASS, LLC ACREAGE 138.93±
ROYALTY OWNER SHIBEN ESTATES, INC ACREAGE 140±
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD
FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7531'

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JASON RANSON
ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

BOTTOM HOLE LONGITUDE 80°32'30" TOP HOLE LONGITUDE 80°32'30"

BIG245
BIG245H4
EQT PRODUCTION COMPANY

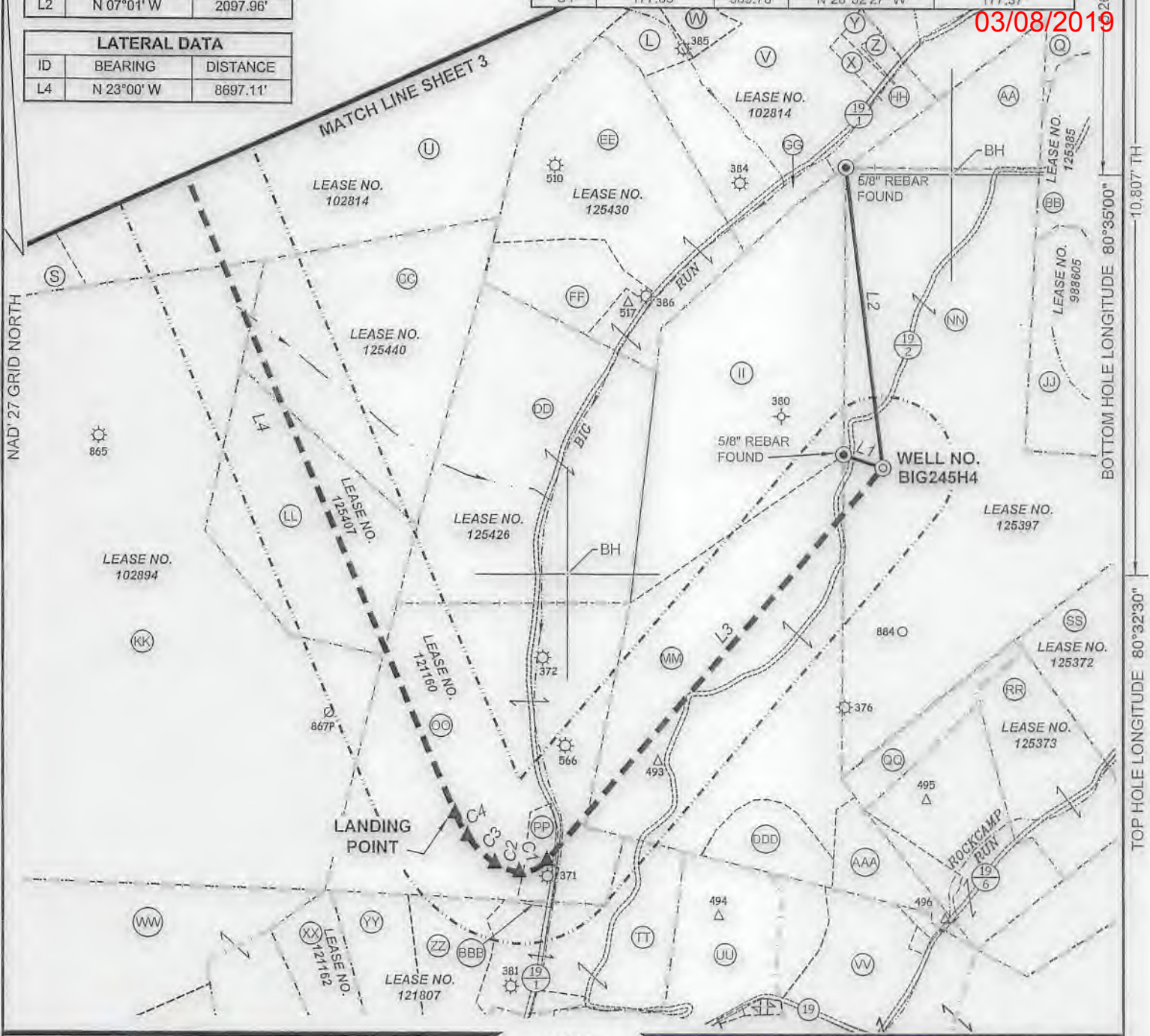
BUILD OUT DATA		
ID	BEARING	DISTANCE
L3	S 40°33' W	3572.66'

CURVE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	214.21'	223.91'	S 67°03'27" W	206.13'
C2	182.23'	367.00'	N 70°16'18" W	180.37'
C3	269.52'	681.05'	N 44°42'01" W	267.77'
C4	177.65'	909.78'	N 28°32'27" W	177.37'

WELL TIES		
ID	BEARING	DISTANCE
L1	N 70°57' W	286.34'
L2	N 07°01' W	2097.96'

LATERAL DATA		
ID	BEARING	DISTANCE
L4	N 23°00' W	8697.11'

03/08/2019



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 Solutions from the ground up.
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 www.slsurveyors.com



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 FILE NO. 7812PBIG245H4-R.dwg SCALE 1"=1000'
 DATE OCTOBER 31, 20 18
 REVISED NOVEMBER 30, 20 18
 OPERATORS WELL NO. BIG245H4
 API WELL NO. 47 - 103 - 03205
 STATE COUNTY PERMIT

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. 849 *C. Victor Moyers*

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



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LEGEND

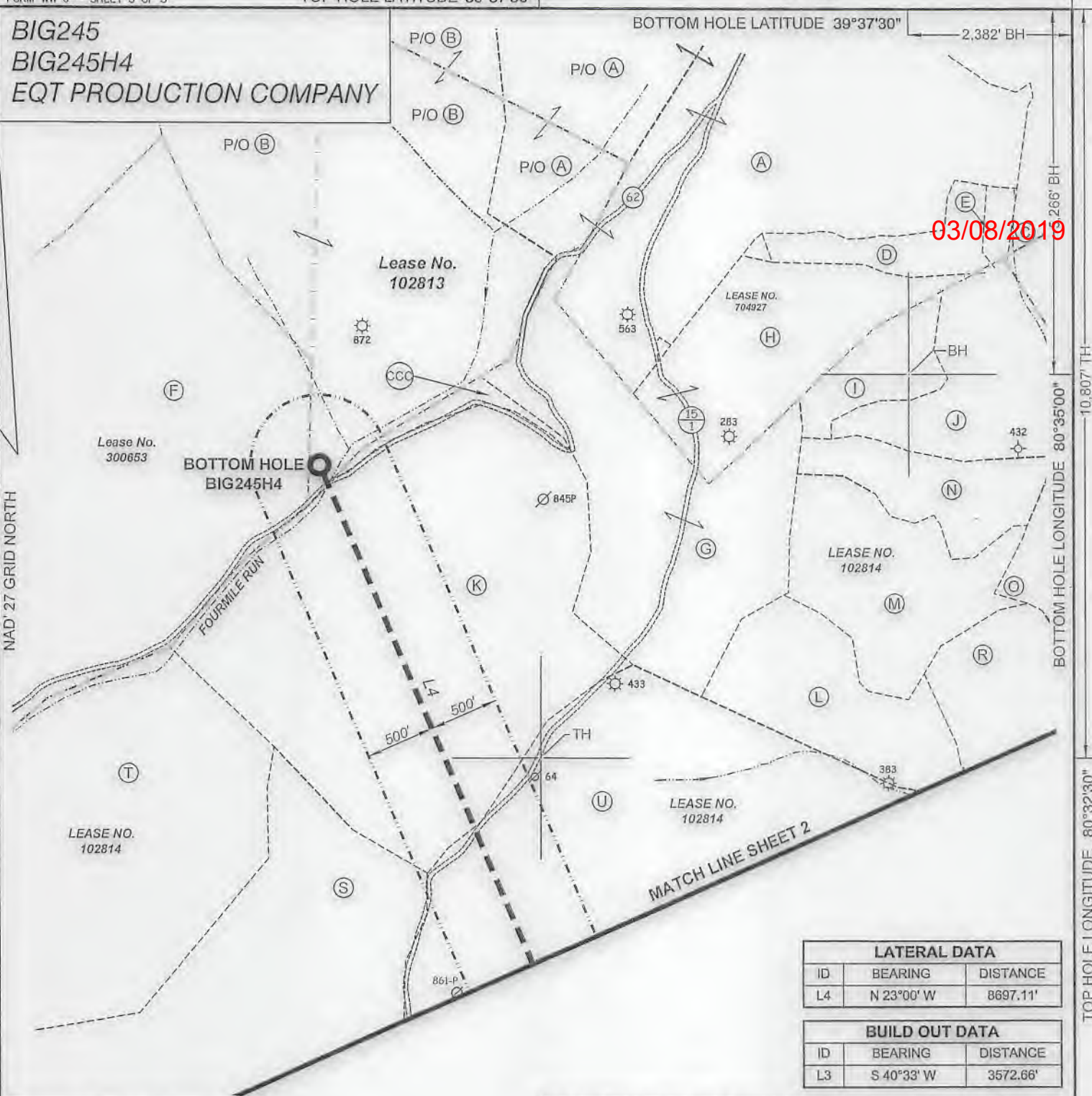
COUNTY ROUTE	⊖	LEASE LINE	---
PROPOSED WELL	⊙	SURFACE LINE	----
EXISTING WELL	⊛	WELL LATERAL	----
PERMITTED WELL	⊙	OFFSET LINE	----
DRILL PATH BEND POINT	Δ	TIE LINE	----
GRANT DISTRICT TAX MAP-PARCEL	G-TM-00-00	CREEK	~ ~ ~
		ROAD	----

WELL OPERATOR EQT PRODUCTION COMPANY
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
 BRIDGEPORT, WV 26330

DESIGNATED AGENT JASON RANSON
 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280
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COUNTY NAME PERMIT

**BIG245
BIG245H4
EQT PRODUCTION COMPANY**



03/08/2019

LATERAL DATA		
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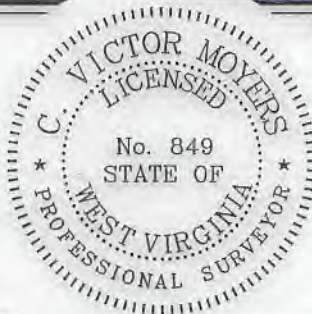
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TOP HOLE LONGITUDE 80°32'30"

COUNTY NAME

PERMIT