

10,940' T.H.

10,646' B.H.

**KNOB CREEK
WELL N-1HM
EQT PRODUCTION CO.**

T.H. LATITUDE 39°47'30"
B.H. LATITUDE 39°50'00"

(S.P.C. NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'83 S.P.C.(FT)	N. 464,840.39	E. 1,629,637.96
NAD'83 GEO.	LAT-(N) 39.769982	LONG-(W) 80.705586
NAD'83 UTM (M)	N. 4,402,269.4	E. 525,215.2

LANDING POINT

NAD'83 S.P.C.(FT)	N. 465,094.8	E. 1,628,084.8
NAD'83 GEO.	LAT-(N) 39.770623	LONG-(W) 80.711124
NAD'83 UTM (M)	N. 4,402,339.0	E. 524,740.7

BOTTOM HOLE

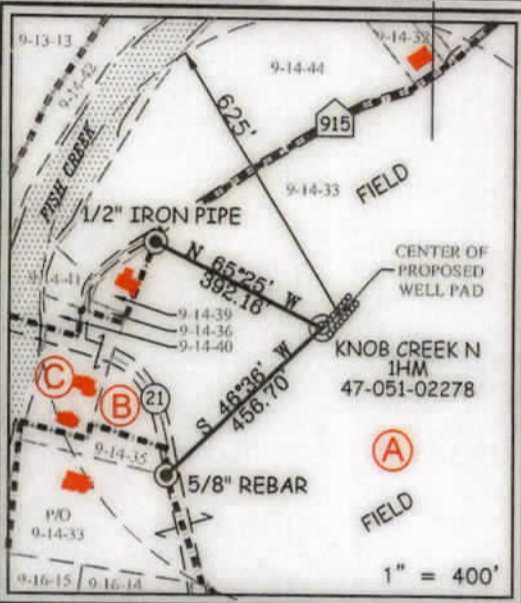
NAD'83 S.P.C.(FT)	N. 482,305.0	E. 1,618,453.4
NAD'83 GEO.	LAT-(N) 39.817505	LONG-(W) 80.746235
NAD'83 UTM (M)	N. 4,407,533.2	E. 521,718.9

NOTES ON SURVEY

1. NO WATER WELLS WERE FOUND WITHIN 250' OF PROPOSED GAS WELL. NO AGRICULTURAL BUILDINGS ≥ 2500 SQ. FT. WERE FOUND WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
2. SEE REFERENCES FOR DWELLINGS LOCATED WITHIN 625' OF THE CENTER OF PROPOSED WELL PAD.
3. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
4. BASED ON WV DOT COUNTY ROUTE 74 IS A 40' STRIP OF LAND ACQUIRED IN NUMEROUS DEEDS.

B.H.

REFERENCES



MAP/PARCEL	ADJOINING SURFACE OWNER LIST	ACRES
9-6-1.2	CONSOLIDATION COAL COMPANY, MURRAY ENERGY	2.222
9-10-7	DAVID & PAMELA SCHUMMEL	1.00
9-10-8	BRENT ALLEN CONNER EST	2.00
9-10-16	WILLIAM D. MCCONNELL	0.859
9-11-1	GERALD T. PADLOW	1.033
9-13-7.1	WV DOH	0.28
9-13-9	TH EXPLORATION LLC	0.42
9-13-10	ARTHUR L. MOORE	3.82
9-13-12.1	ANDREW & CHRISTIE FROHNAPPEL	2.632
9-13-14	MARGARET K. FOX - LIFE	3.00
9-13-16	IVAN H. & MARGARET A. RICHMOND	21.354
9-13-22.1	GLORIA J. KLIEM	11.82
9-13-22.2	HUGENI A. SCHERRER	0.925
9-13-23	MARGARET FOX - LIFE	1.52
9-14-11.3	MATTHEW T. & BRYANT T. KLUG	23.42
9-14-28	CHARLES R. SCHILLHASE, ET UX	3.029
9-14-29	TENA M. STRICKLIN	0.209
9-14-29.1	TENA M. STRICKLIN	1.171
9-14-30	WILLIAM C. GROFT, ET UX	0.35
9-14-31	WILFORD F. NILSON, JR., ET UX	0.954
9-14-32	TH EXPLORATION LLC	0.583
9-14-32.1	TH EXPLORATION LLC	0.184
9-14-35	PAUL G. FOX	0.338
9-14-43	JAMES G. FOX	0.66
9-14-44	DAVID L. & LINDA L. FRANKLIN	2.913
9-14-46	MARGARET K. FOX - LIFE	18.888
9-14-54	RICHARD L. HARVETH	1.649
9-16-12	JAMES RICHMOND	28.63
9-16-14	LYNN CAMP METHODIST CHURCH	0.762
9-16-15	GERALDINE YOUNG - LIFE	52.02
9-16-15.1	ERIC J. YOUNG	1.98



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26331 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3953
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsvv.com

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 18, 20 23
REVISED _____
OPERATORS WELL NO. KNOB CREEK N-1HM
API WELL NO. 47 - 051 - 02278
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 8789-EQT-KC-1HM-231004-MRH.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 2000'

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

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

LOCATION: ELEVATION 737.50' WATERSHED FISH CREEK (HUC 10)

DISTRICT MEADE COUNTY MARSHALL QUADRANGLE GLEN EASTON 7.5'

SURFACE OWNER DAVID L. & LINDA L. FRANKLIN ACREAGE 65.824±

ROYALTY OWNER DAVID LEE FRANKLIN, ET AL - SEE WV-6A1 ACREAGE 65.12/08/2023

PROPOSED WORK: LEASE NO. SEE WV-6A1

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 MARCELLUS

ESTIMATED DEPTH TVD: 6,198' / TMD: 26,521'

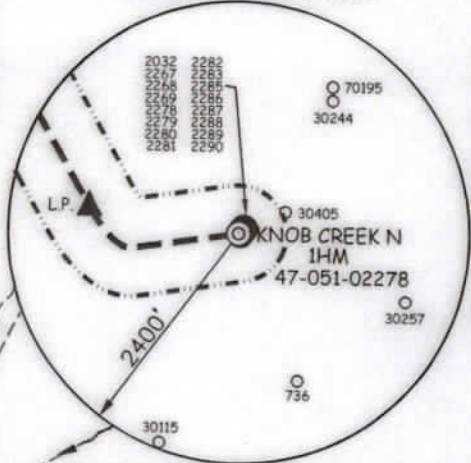
WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT JOSEPH C. MALLOW
ADDRESS 400 WOODCLIFF DRIVE ADDRESS 427 MIDSTATE DRIVE
CANONSBURG, PA 15317 CLARKSBURG, WV 26301

T.H. LONGITUDE 80°40'00"
B.H. LONGITUDE 80°42'30"
5766' B.H.
7,899' T.H.

KNOB CREEK WELL N-1HM EQT PRODUCTION CO.

T.H. LATITUDE 39°47'30"
B.H. LATITUDE 39°50'00"

T.H. LONGITUDE 80°40'00"
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TAG	SURFACE OWNER	PARCEL	ACRES
A	DAVID L. & LINDA L. FRANKLIN	9-14-33	65.824
B	MARGARET FOX (LIFE)	9-14-38	0.631
C	MARGARET FOX (LIFE)	9-14-37	0.69
D	STATE OF WV (FISH CREEK)	N/A	N/A
E	MARGARET FOX (LIFE)	9-13-13	15.513
F	THOMAS J. FOX	9-13-13.1	0.827
G	ANDREW I. FROMMEL	9-13-12	91.1007
H	DANIEL J. FITZWATER	9-13-20	105.5
I	ELEANOR M. FOX, EST.	9-13-18	30
J	ELEANOR M. FOX, EST.	9-13-19	19.20
K	NCL MIDSTREAM OPERATING LLC	9-13-22	42.27
L	KENNETH & THERESA SMERTNECK	9-13-11	112.67
M	SHUTLER FAMILY TRUST	9-13-8	56.04
N	MARY VIRGINIA PETHTEL (LIFE)	9-13-7	95.72
O	MARY VIRGINIA PETHTEL (LIFE)	9-13-6	66.36
P	JOSEPH M. BONINE	9-10-15	44
Q	RONALD K. & RUBY M. MASON	9-10-18	67.88
R	KENNETH W. MASON, EST.	9-10-4	67
S	KENNETH W. MASON, EST.	9-10-5	51.62
T	J.F. CROW, EST	9-6-15	55.23
U	WILLIAM N. ROUPE	9-10-3	52
V	J. RICHARDSON HEERS	9-6-16	23.05
W	WILLIAM N. ROUPE	9-6-3	110.09
X	MARSHALL COAL RESOURCE INC	9-6-3.1	10
Y	MICHAEL E. MCCARDLE, ET UX	9-4-17	65.791
Z	ROBERT G. MCGUIRE, ET UX	9-4-1	76.75
AA	ROBERT G. MCGUIRE, ET UX	9-4-2	45.233
BB	SCOTTIE K. LYONS, ET UX	9-4-3	81.33
CC	SCOTTIE K. LYONS, ET UX	9-4-4	27.4
DD	CNX LAND LLC	5-4-8	168.078

LINE	BEARING	DISTANCE
L1	S 22°07' E	1650.77'
L2	S 20°56' W	1282.22'



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P.S. 677 *Gregory A. Smith*

LEGEND

- LEASE LINE
- SURFACE LINE
- WELL LATERAL
- OFFSET LINE
- TIE LINE
- CREEK
- ROAD
- COUNTY ROUTE
- PROPOSED WELL
- EXISTING WELL
- PERMITTED WELL
- TAX MAP-PARCEL
- SURFACE OWNER (SEE TABLE)
- LEASE # (SEE WW-6A1)

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SCALE 1" = 2000' FILE NO. 5789-EQT-KC-1HM-231004-MRH.dwg

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 API WELL 47 - 051 - 02278
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 OFFICE OF OIL AND GAS

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COUNTY NAME PERMIT

12/08/2023