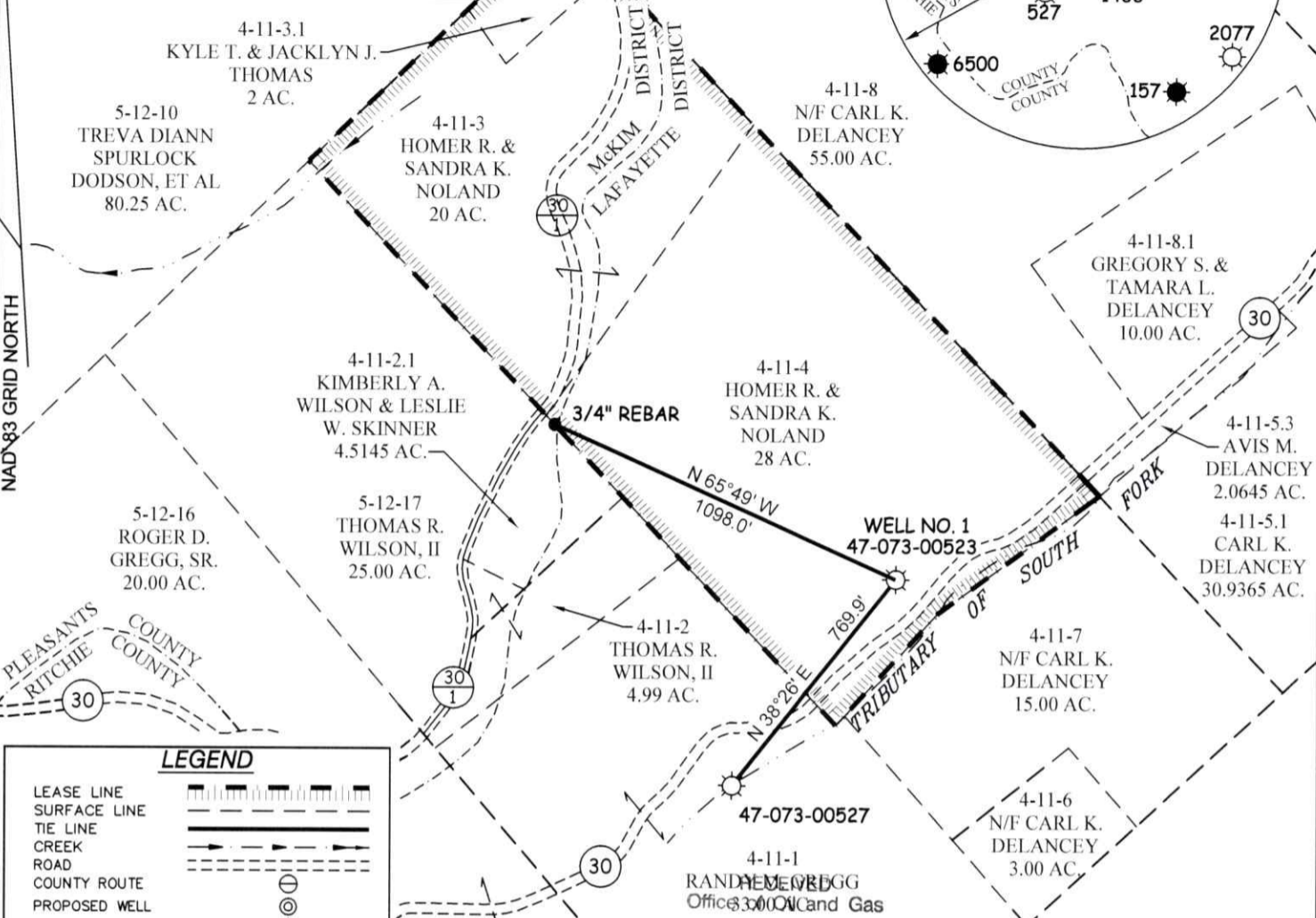
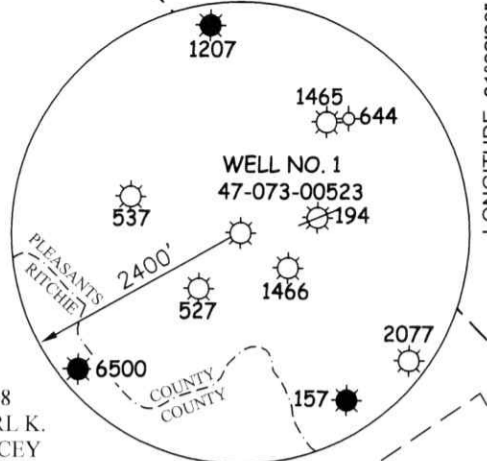


JOHN MCCULLOUGH LEASE
37 ACRES
WELL NO. 1
47-073-00523

LATITUDE 39°20'00"

LONGITUDE 81°02'30"

(UTM(M) ZONE 17)
NAD'83 GEO. LAT-(N) 39.331797 LONG-(W) 81.072697
NAD'83 UTM (M) N. 4,353,600 E. 493,735



LEGEND

- LEASE LINE [Symbol]
- SURFACE LINE [Symbol]
- TIE LINE [Symbol]
- CREEK [Symbol]
- ROAD [Symbol]
- COUNTY ROUTE [Symbol]
- PROPOSED WELL [Symbol]
- EXISTING WELL [Symbol]
- PERMITTED WELL [Symbol]

DISTRICT-TAXMAP-PARCEL 00-00-00

NOTES ON SURVEY

1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.

SLS
FROM THE GROUND UP

12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slsvv.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. 677 *Gregory A. Smith*



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

DATE JANUARY 27, 20 23

REVISED _____, 20 _____

OPERATORS WELL NO. 1

API WELL NO. 47 - 073 - 00523-P

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 9346-SURV-Well 04707300523-MT-R00-20230129.dwg

HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE TIE TO CORS NETWORK) SCALE 1" = 500'

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

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

LOCATION: ELEVATION 948' WATERSHED TRIBUTARY OF SOUTH FORK OF ROCK RUN
DISTRICT LAFAYETTE COUNTY PLEASANTS QUADRANGLE ELLENBORO 7.5'

SURFACE OWNER HOMER R. & SANDRA K. NOLAND ACREAGE 28±

ROYALTY OWNER JOHN C. MCCULLOUGH HEIRS & ASSIGNS ACREAGE 37±

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ PLUG AND ABANDON X CLEAN OUT AND REPLUG ___ OTHER ___

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION BIG INJUN
ESTIMATED DEPTH 1988'

WELL OPERATOR UNKNOWN WVDEP PAID PLUGGING CONTRACT **DESIGNATED AGENT** JASON HARMON, WVDEP

ADDRESS 601 57TH STREET **ADDRESS** 601 57TH STREET
CHARLESTON, WV 25304 (WVDEP) CHARLESTON, WV 25304

STS

COUNTY NAME PERMIT

03/17/2023

JOHN MCCULLOUGH LEASE

47-073-00523

100 FEET ± @
5-10% GRADE

80 FEET ± @
0-5% GRADE

200 FEET ± @
5-10% GRADE

320 FEET ± @
0-5% GRADE

POND

WOODED

860 FEET ± AT 0-5% GRADE

18" STEEL
(WASHED OUT)

RECEIVED
Office of Oil and Gas

FEB 13 2023

WV Department of
Environmental Protection



ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.E.P. OIL AND GAS BMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATION. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.T.

SEDIMENT BASINS (TRAPS) AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN INLETS AND OUTLETS AS REQUIRED IN THE WV D.E.P. OIL AND GAS BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED AS NEEDED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFICATION TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE TIMBER.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

APPLICATIONS FOR SEPARATE PLC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

47-073-00523

WELL NO. 1

SEDIMENT TRAP

SEDIMENT BARRIER

OVERHEAD WIRES

TANK

42" PLASTIC

TANK

0.45 MILES ±
TO CO RT 16/2

30

15" STEEL

48" GALVANIZED

0.62 MILES ±
TO CO RT 30/3

30



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.9634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

solv.com

SCALE: 1" = 100'



EXISTING CULVERT

PROPOSED CULVERT
15" MIN. UNLESS
OTHERWISE NOTED

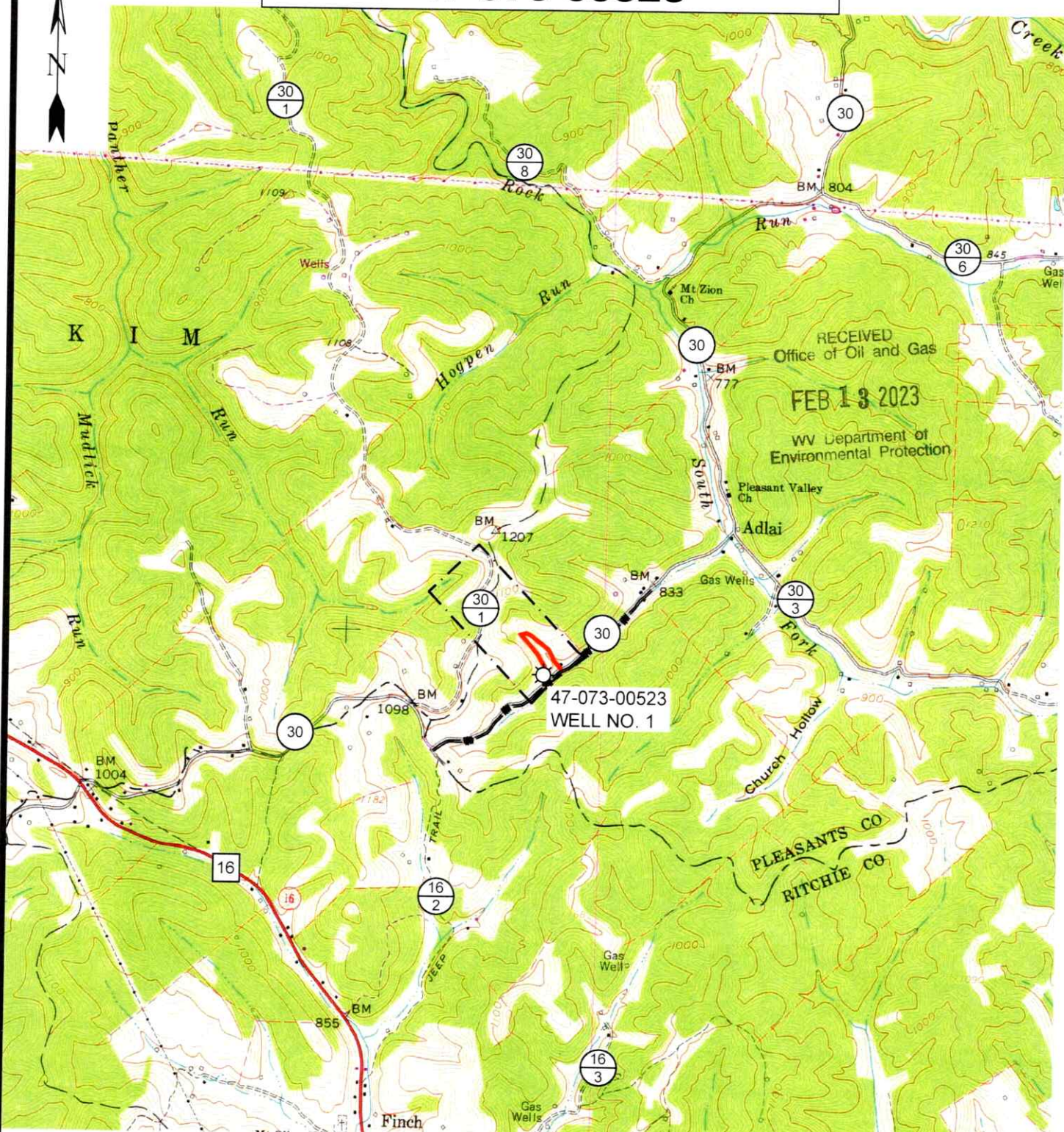
PROPOSED STREAM
CROSSING

APPROXIMATE LIMITS

DRAWN BY JDR	FILE NO. 9346	DATE 01-30-23	CADD FILE: 9346-SURV-REC-R00- JDR-230131.DWG
-----------------	------------------	------------------	--

03/17/2023

JOHN MCCULLOUGH LEASE 47-073-00523



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296

sleww.com

SCALE: 1"=2000'

0' 2000' 4000'



TOPO SECTION OF ELLENBORO, WV
7.5' TOPO QUADRANGLE

DRAWN BY JDR	FILE NO. 9346	DATE 01-30-23	CADD FILE: 9346-SURV-REC-R00- JDR-230131.DWG
-----------------	------------------	------------------	--

03/17/2023