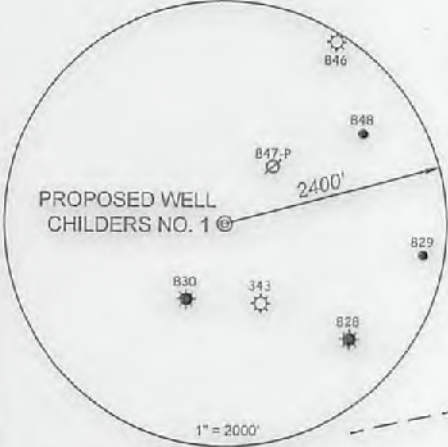
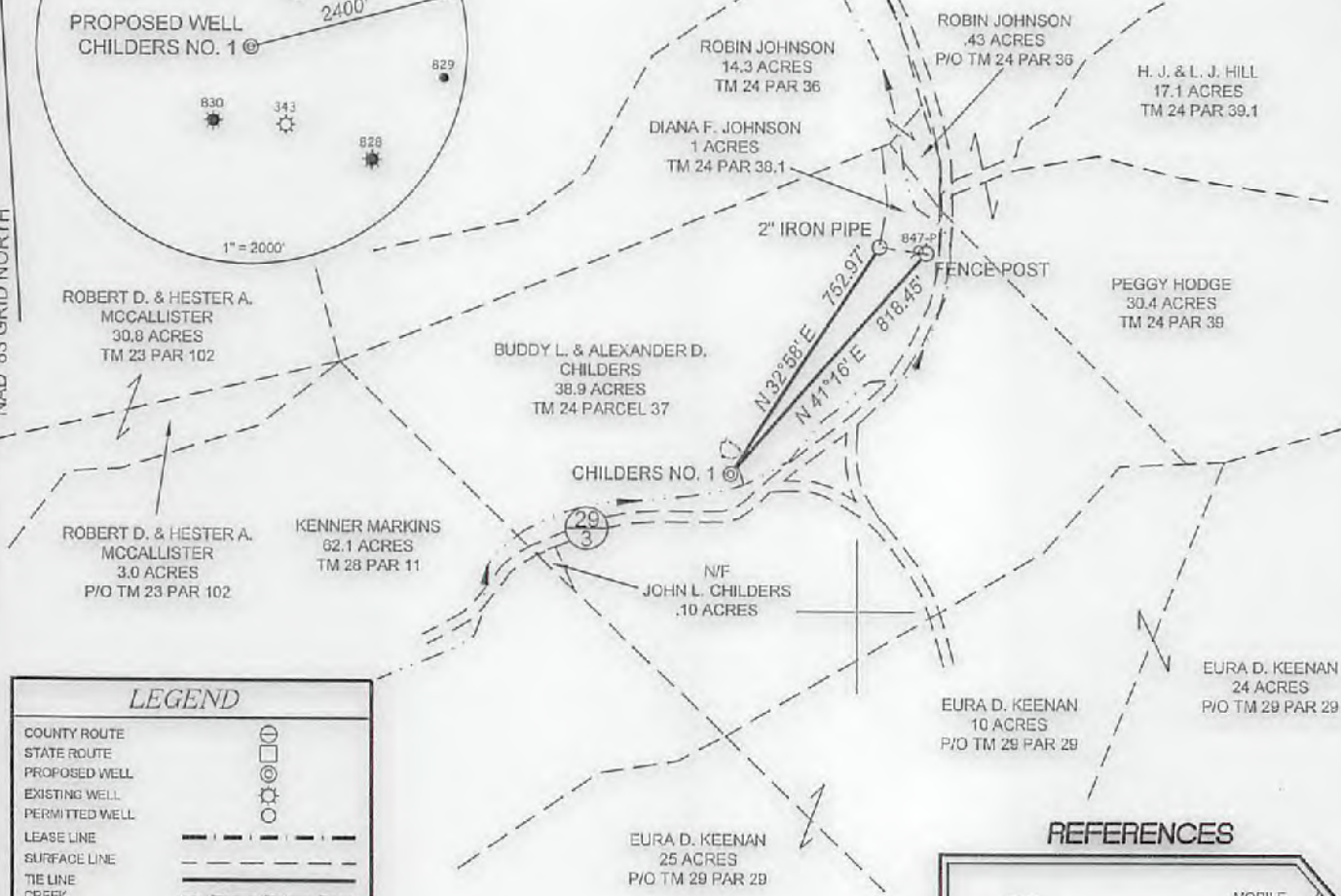


**CHILDERS LEASE**  
38.9 ACRES±

**KEYROCK ENERGY, LLC**  
**CHILDERS NO. 1**  
 (S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)  
 NAD'83 S.P.C.(FT) N. 507,976.73 E. 1,628,238.36  
 NAD'83 GEO. LAT-(N) 39.389030 LONG-(W) 82.187205  
 NAD'83 UTM (M) N. 4,249,647.31 E. 396,317.93



NAD'83 GRID NORTH

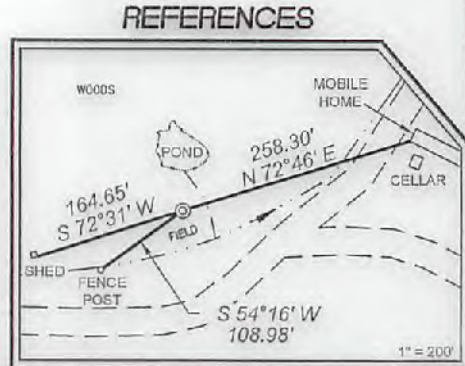


**LEGEND**

COUNTY ROUTE	
STATE ROUTE	
PROPOSED WELL	
EXISTING WELL	
PERMITTED WELL	
LEASE LINE	
SURFACE LINE	
TIE LINE	
CREEK	
ROAD	
FENCE LINE	

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- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '83.
  2. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF CABELL COUNTY IN SEPTEMBER, 2017.
  3. WELL LAT./LONG. (NAD'83) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 NOVEMBER 13, 20 17  
 REVISED \_\_\_\_\_, 20 \_\_\_\_\_  
 OPERATORS WELL NO. CHILDERS NO. 1  
 API WELL NO. 47 - 011 - 00999  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8721CHILDERS1.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  INJECTION  WASTE DISPOSAL  IF "GAS" PRODUCTION  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION 689' WATERSHED FUDGES CREEK  
 DISTRICT GRANT COUNTY CABELL QUADRANGLE MILTON 7.5'

SURFACE OWNER BUDDY L. & ALEXANDER D. CHILDERS ACREAGE 38.9±  
 ROYALTY OWNER BUDDY L. & ALEXANDER D. CHILDERS ACREAGE 38.9±

PROPOSED WORK: LEASE NO. \_\_\_\_\_  
 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 BEREA  
 ESTIMATED DEPTH 3400'

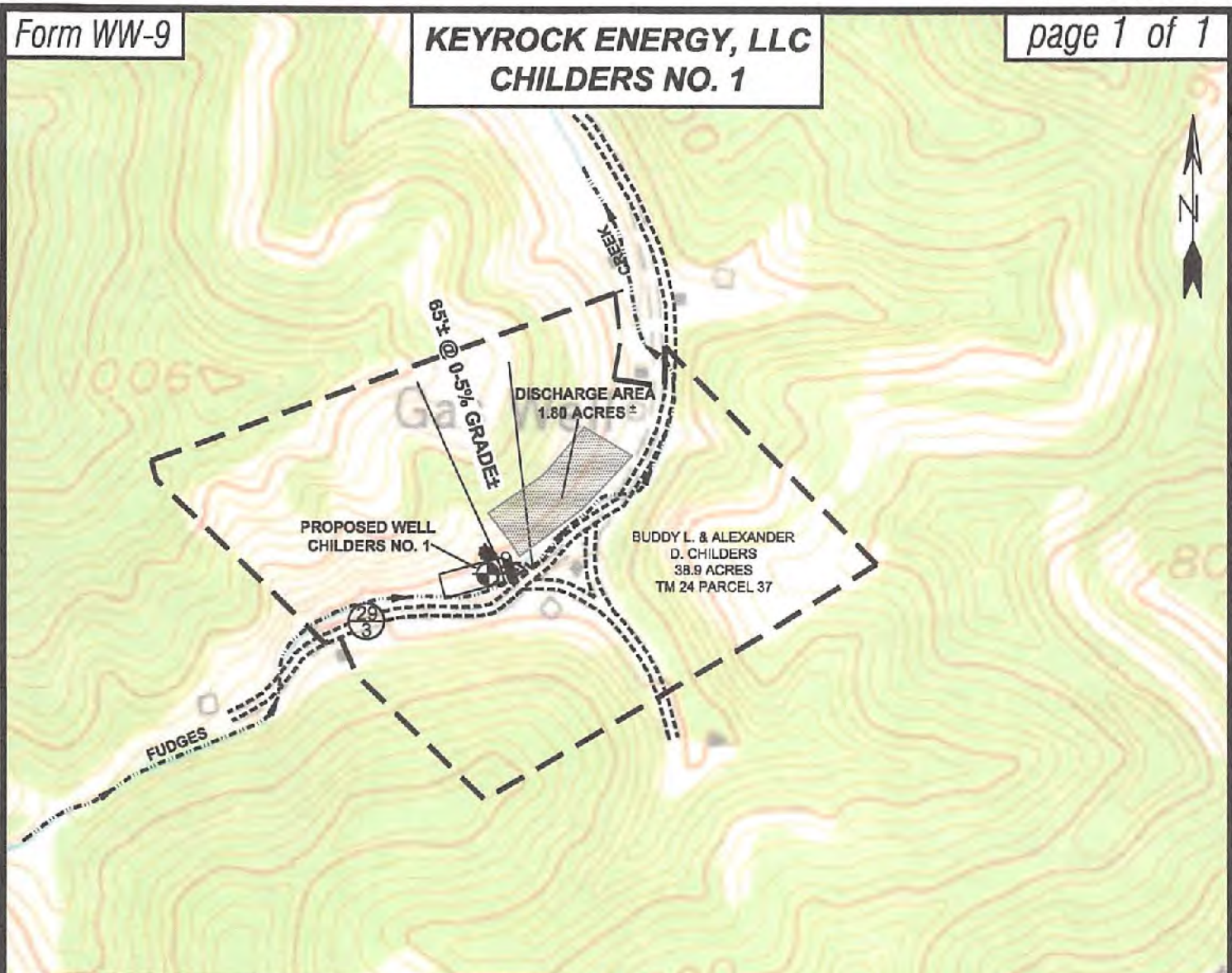
WELL OPERATOR KEYROCK ENERGY, LLC DESIGNATED AGENT LINDA SADLER  
 ADDRESS P.O. BOX 2223 207 E. MAIN ST., SUITE 2-D ADDRESS 209 CAPITOL ST.  
JOHNSON CITY, TN 37605 CHARLESTON, WV 25301

01/12/2018

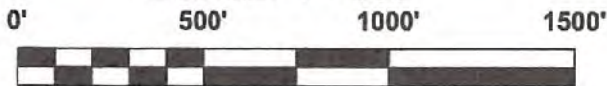
COUNTY NAME

PERMIT

# KEYROCK ENERGY, LLC CHILDERS NO. 1

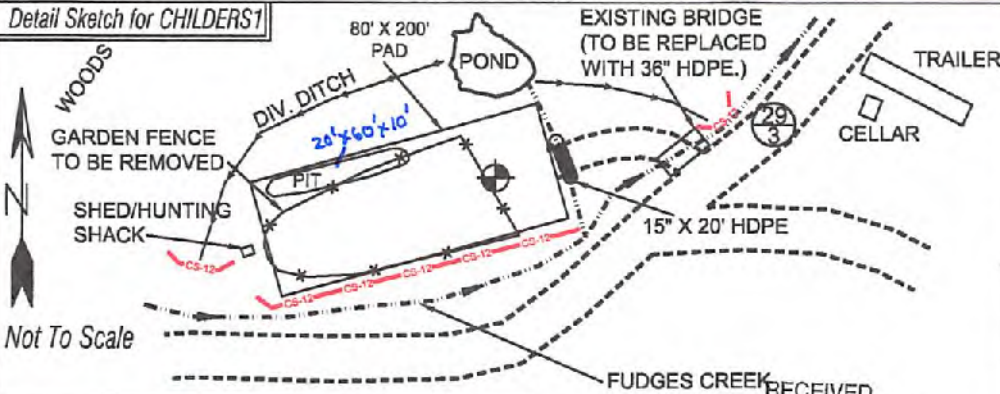


SCALE: 1"=500'



AP. 11-29-17

### Detail Sketch for CHILDERS1



Not To Scale

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.

- = EXISTING CULVERT
- = PROPOSED CULVERT 15' MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

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RECEIVED  
Office of Oil and Gas  
NOV 30 2017

WV Department of Environmental Protection  
TOPO SECTION OF MILTON  
7.5' TOPO QUADRANGLE

DRAWN BY:	FILE NO.:	DATE:	CADD FILE.:
MGF	8721	09-20-17	8721CHILDERS1REC.dwg

01/12/2018