

10302085

J.M. ALLEN ET AL LEASE

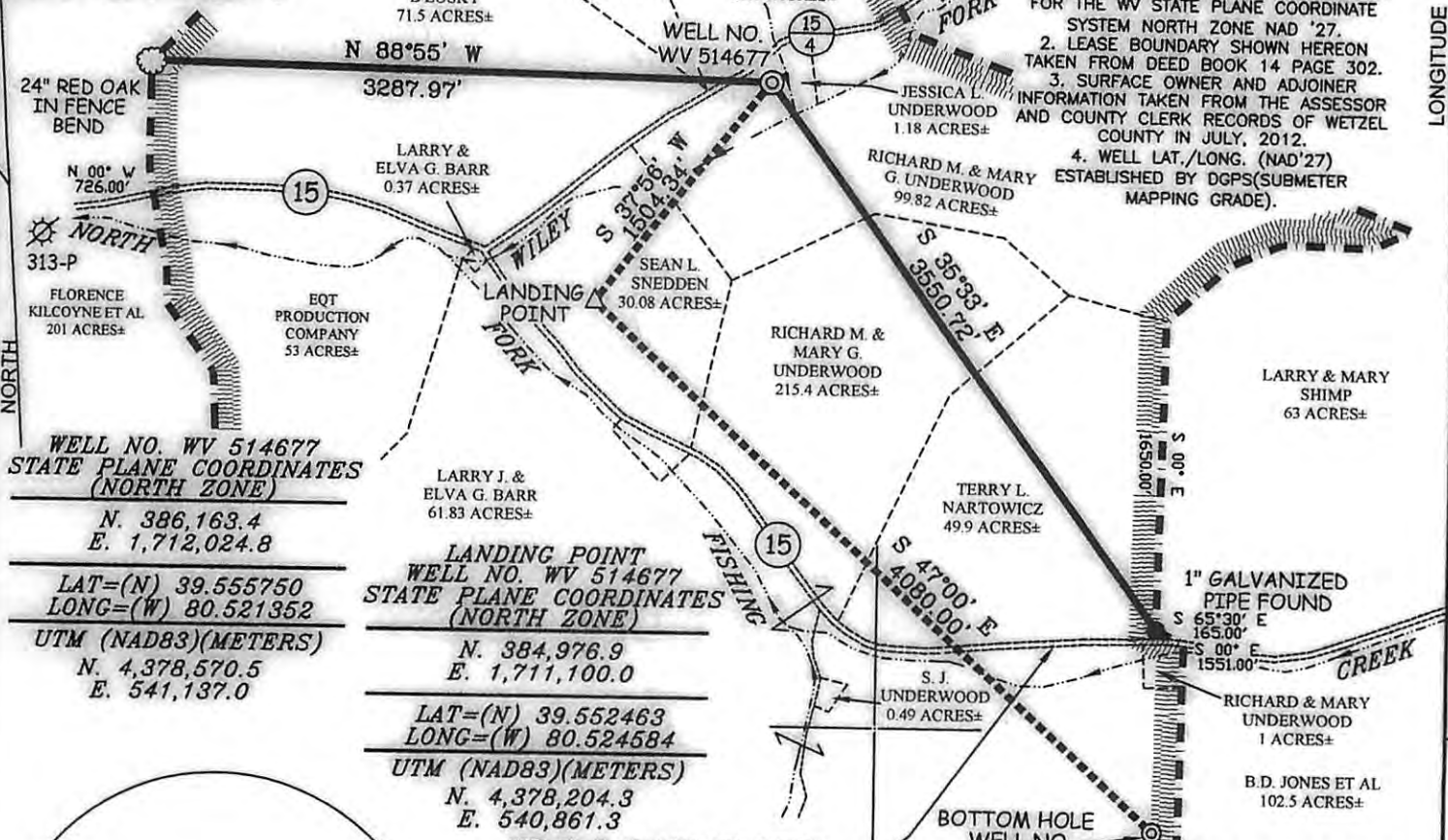
858 ACRES±

WELL NO. WV 514677

6,020' LATITUDE 39°35'00"

NOTES ON SURVEY

1. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 14 PAGE 302.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF WETZEL COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

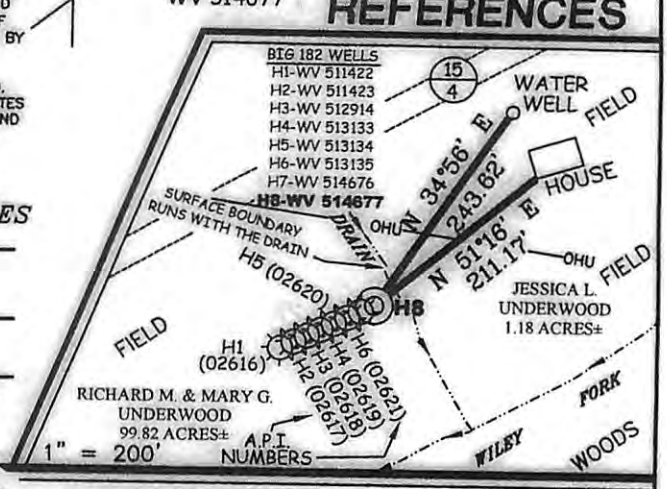
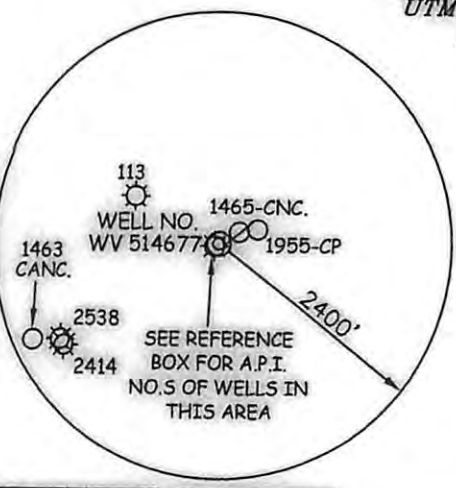


WELL NO. WV 514677
STATE PLANE COORDINATES (NORTH ZONE)
N. 386,163.4
E. 1,712,024.8
LAT=(N) 39.555750
LONG=(W) 80.521352
UTM (NAD83)(METERS)
N. 4,378,570.5
E. 541,137.0

LANDING POINT
WELL NO. WV 514677
STATE PLANE COORDINATES (NORTH ZONE)
N. 384,976.9
E. 1,711,100.0
LAT=(N) 39.552463
LONG=(W) 80.524584
UTM (NAD83)(METERS)
N. 4,378,204.3
E. 540,861.3

BOTTOM HOLE
WELL NO. WV 514677
STATE PLANE COORDINATES (NORTH ZONE)
N. 382,194.3
E. 1,714,083.9
LAT=(N) 39.544917
LONG=(W) 80.513891
UTM (NAD83)(METERS)
N. 4,377,371.7
E. 541,784.5

NOTE: CO. RT. 15 IN THIS AREA IS KNOWN AS THE OLD "OHIO RIVER & MARYLAND TURNPIKE" A 60 FOOT WIDE STRIP OF LAND WITH OWNERSHIP IN FEE CLAIMED BY W.V.D.O.H. HOWEVER A TITLE OPINION DATED 12/01/10 BY ROBERT FLUHARTY ESQ. PREPARED FOR EQT PRODUCTION INDICATES THAT OWNERSHIP OF SAID STRIP OF LAND GOES WITH THE J.M. ALLEN LEASE.



REFERENCES



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.



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE MARCH 8, 20 13
OPERATORS WELL NO. WV 514677
API WELL NO. 47-103-02885H6A
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 6242P514677 (329-28)
PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

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

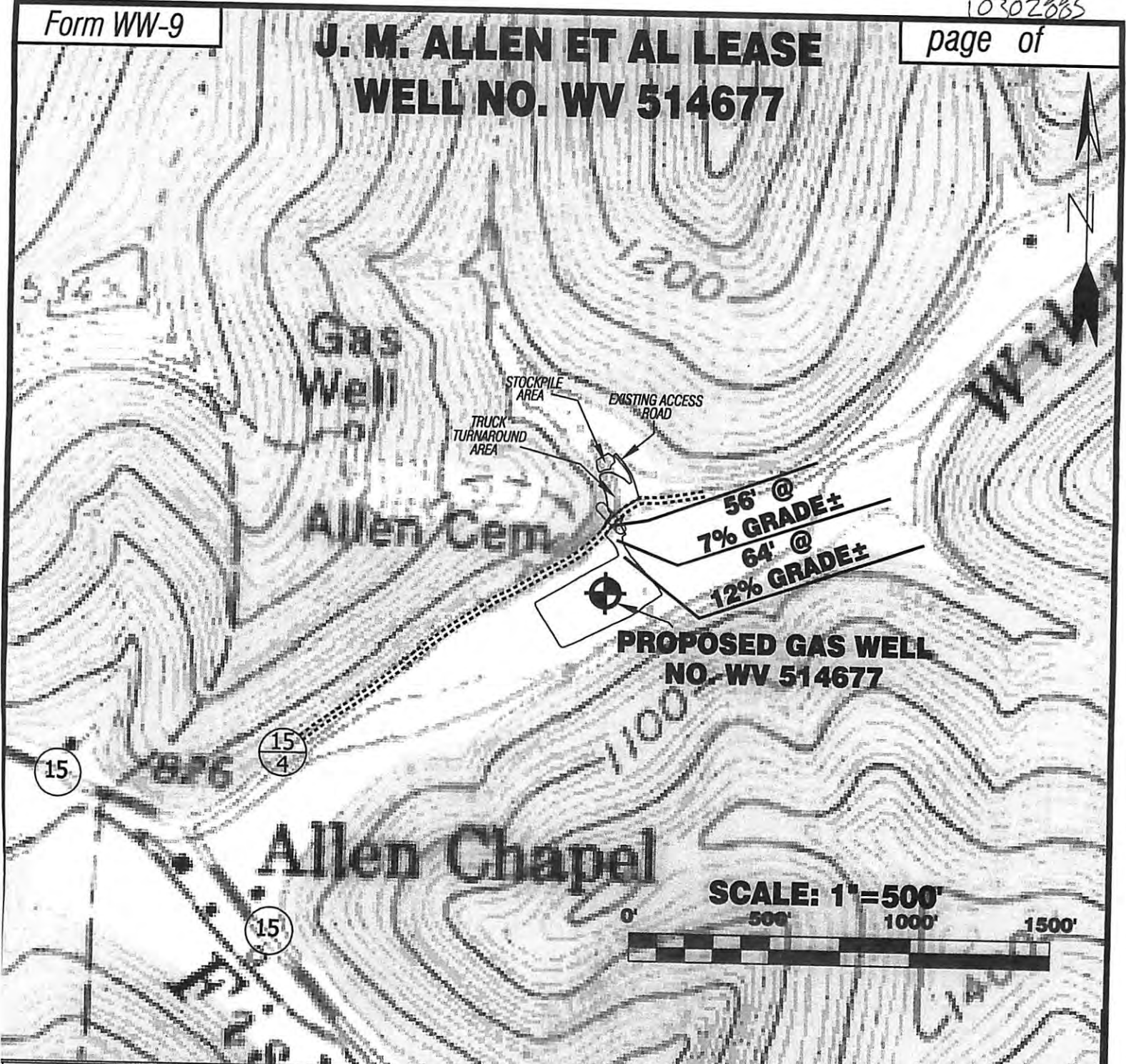
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 941' (PAD ELEVATION) WATERSHED WILEY FORK OF NORTH FORK FISHING CREEK
DISTRICT GRANT COUNTY WETZEL QUADRANGLE BIG RUN 7.5'
SURFACE OWNER RICHARD M. AND MARY G. UNDERWOOD ACREAGE 99.82±
ROYALTY OWNER J.M. ALLEN ESTATE ET AL LEASE ACREAGE 858±
PROPOSED WORK: LEASE NO. 300645
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 GENESEO
ESTIMATED DEPTH _____

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

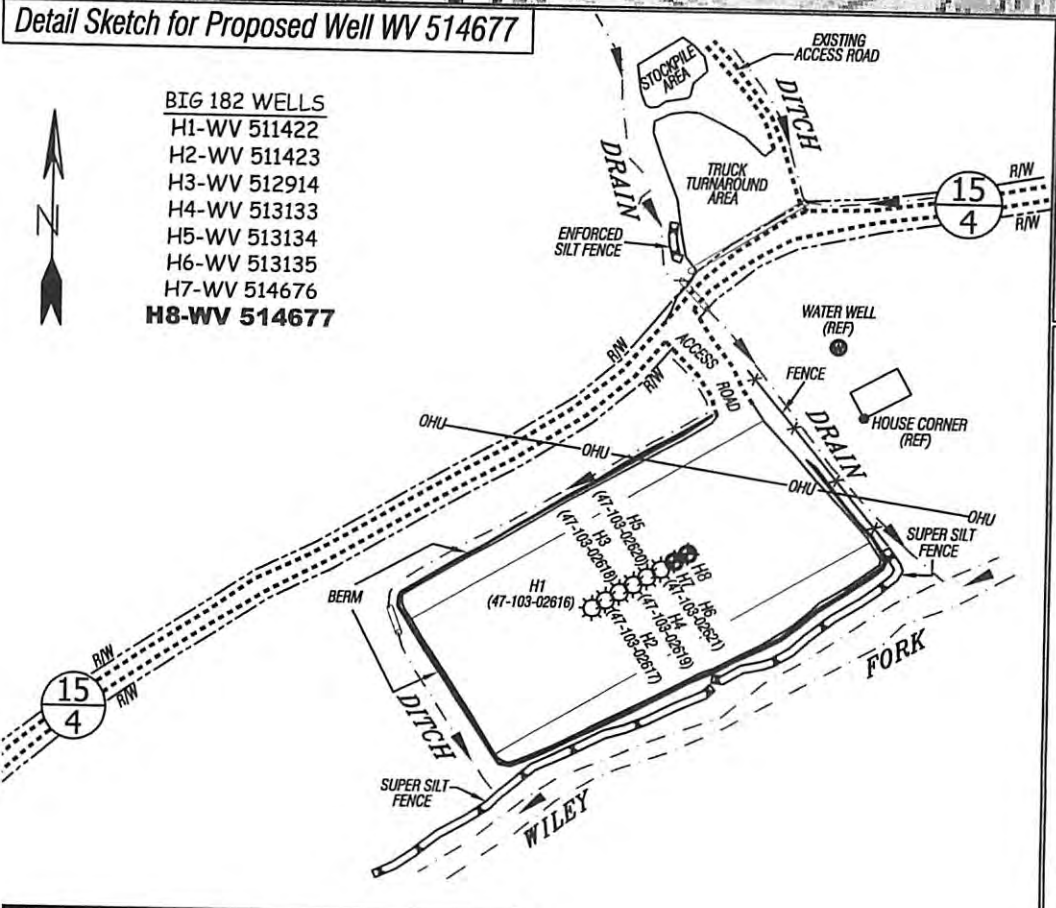
05/31/2013

J. M. ALLEN ET AL LEASE WELL NO. WV 514677



Detail Sketch for Proposed Well WV 514677

- BIG 182 WELLS**
 H1-WV 511422
 H2-WV 511423
 H3-WV 512914
 H4-WV 513133
 H5-WV 513134
 H6-WV 513135
 H7-WV 514676
H8-WV 514677



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).

- = EXISTING CULVERT
- = PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED
- = PROPOSED STREAM CROSSING
- = APPROXIMATE LIMITS OF DISTURBANCE

Professional Energy Consultants
 A DIVISION OF SMITH LAND SURVEYING

SLS

SURVEYORS PROJECT MGMT. ENGINEERS ENVIRONMENTAL

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58055 Dilca Bottom Road Shadyside, OH 43947 (740) 871-9811

HONESTY, INTEGRITY, QUALITY

DRAWN BY K.D.W. FILE NO. 6242 DATE 03/08/13 CADD FILE: 6242RECWN514677.DWG

NOT TO SCALE
 TOPO SECTION OF BIG RUN 7.5' USGS TOPO QUADRANGLE

05/31/2013