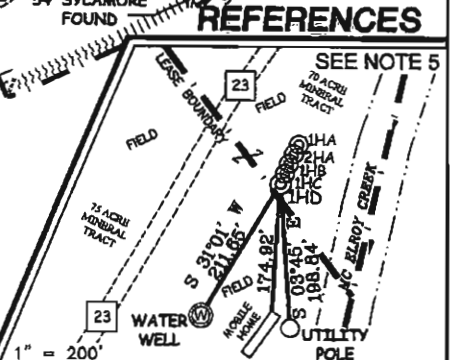


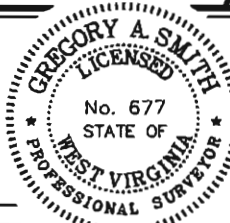
NOTES ON SURVEY

1. TIES TO WELLS, REFERENCES AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION DATED 04/09/10 AS PREPARED BY HIGINBOTHAM & HIGINBOTHAM, PLLC AND DEED BOOK 128 ON PAGE 193.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF DODDRIDGE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).
5. BASED ON CURRENT REGULATIONS A WAIVER IS REQUIRED TO PERMIT DUE TO SPACING TO MOBILE HOME & WATER WELL.



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 DECEMBER 20, 20 12
 OPERATORS WELL NO. COFFMAN 1HD
 API WELL NO. 47 - 17 - 06184 H6A
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 2500 FILE NO. 7461P1HDR (436-33)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) 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 753' WATERSHED MC ELROY CREEK
 DISTRICT MC CLELLAN COUNTY DODDRIDGE QUADRANGLE CENTER POINT 7.5'

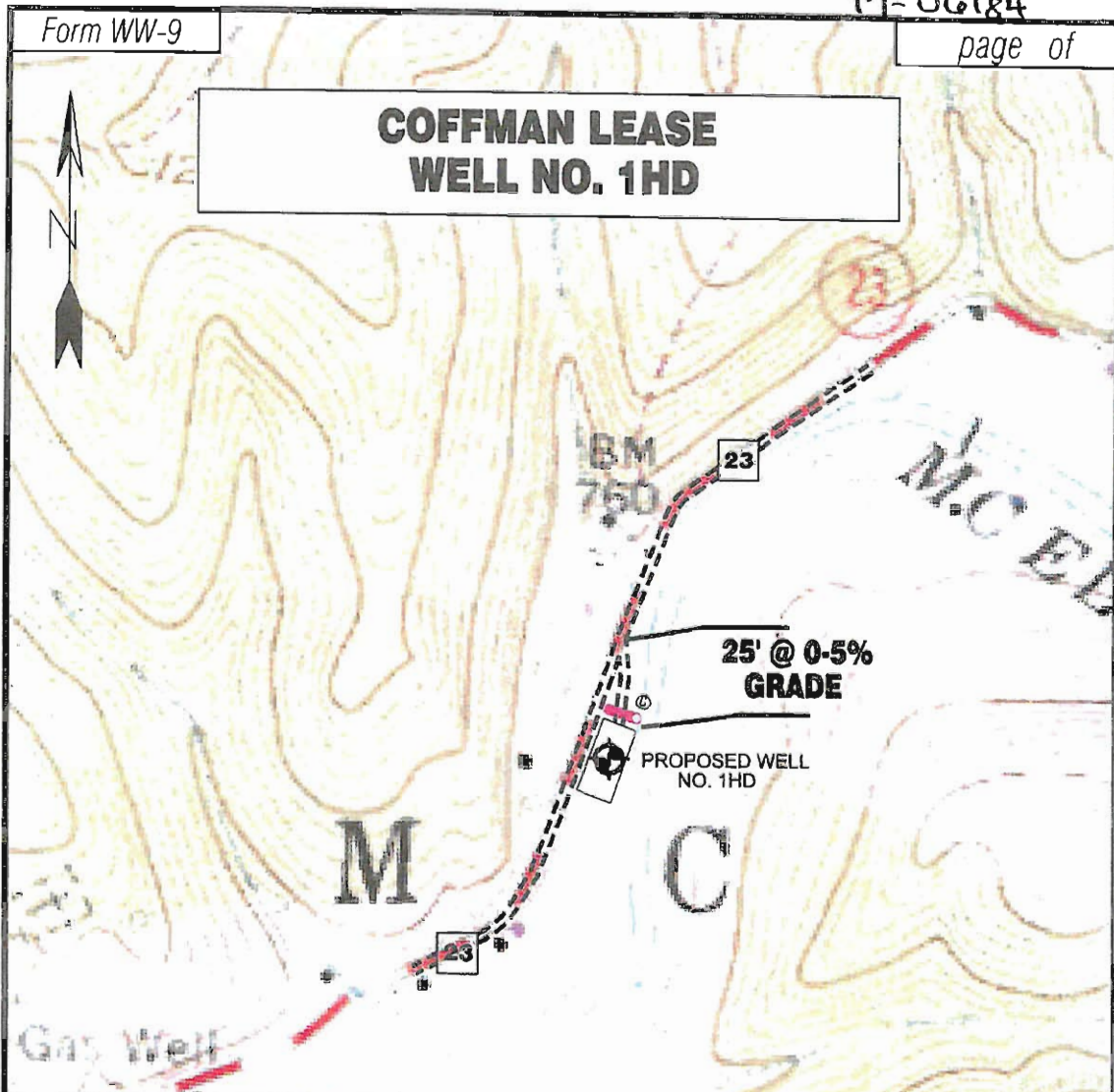
SURFACE OWNER CHRISTOPHER L. COFFMAN ACREAGE 107.94±
 ROYALTY OWNER DONALD R. REYNOLDS ET AL (145 AC.±) / JOHN THOMAS SEESE ET AL (150 AC.±) / MARY WELCH (108 AC.±)

PROPOSED WORK: LEASE NO. D302 / D301 / W237
 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 8,000'

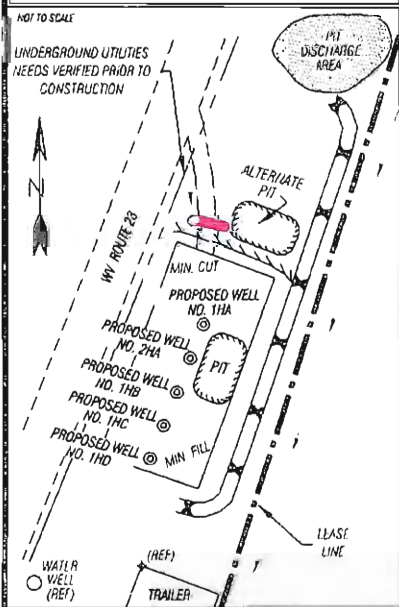
WELL OPERATOR JAY BEE OIL & GAS, INC. DESIGNATED AGENT RANDY BRODA
 ADDRESS 1720 RT. 22, EAST UNION, NJ 07083 ADDRESS RT. 1 BOX 5 CAIRO, WV 26337

05/24/2013

COFFMAN LEASE WELL NO. 1HD



Detail Sketch for Proposed Wells



SCALE: 1"=500'



TOPO SECTION OF USGS
CENTER POINT 7.5' QUADRANGLE

PROPOSED CULVERT INVENTORY
(FOR BID PURPOSES ONLY)

12" (MINIMUM) CULVERTS	1
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ADDITIONAL CULVERTS AND/OR OTHER OPENING STRUCTURES & SEDIMENT CONTROL DEVICES MAY BE REQUIRED BY THE WV D.E.P. OIL & GAS INSPECTOR. OPERATOR IS RESPONSIBLE FOR COORDINATION WITH CONTRACTOR AND SLS REGARDING ANY CHANGES OR ADDITIONS THE STATE MAY REQUIRE.

Projected Earthen Disturbance Area

Well Location Site	2.00 ac +/-
Access Road	0.01 ac +/-
Approximate Total Disturbance	2.01 ac +/-

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 WORK PERFORMED TO THE OPERATOR AND INSPECTOR FROM ANY DEVIATION FROM THIS PLAN.

TEMPORARY SEED & MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT & STACK ALL MARKETABLE WOOD.

STACKED BRUSH MAY BE USED FOR SEDIMENT CONTROL.

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

- EXISTING CULVERT
- PROPOSED CULVERT 12" MIN. UNLESS OTHERWISE NOTED
- PROPOSED STREAM CROSSING (IF APPLICABLE)
- CONSTRUCT BROAD BASED DIP DETAIL

SLS
SMITH LAND SURVEYING, INC.
P.O. BOX 150 GLENVILLE, WV. 26351
PH: (304)462-5634 FAX: (304)462-5656 E-MAIL: sls@slssurveys.com

DRAWN BY K.D.W.	FILE NO. 7461	DATE 12/18/12	CADD FILE: 7461REC1HD.dwg
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