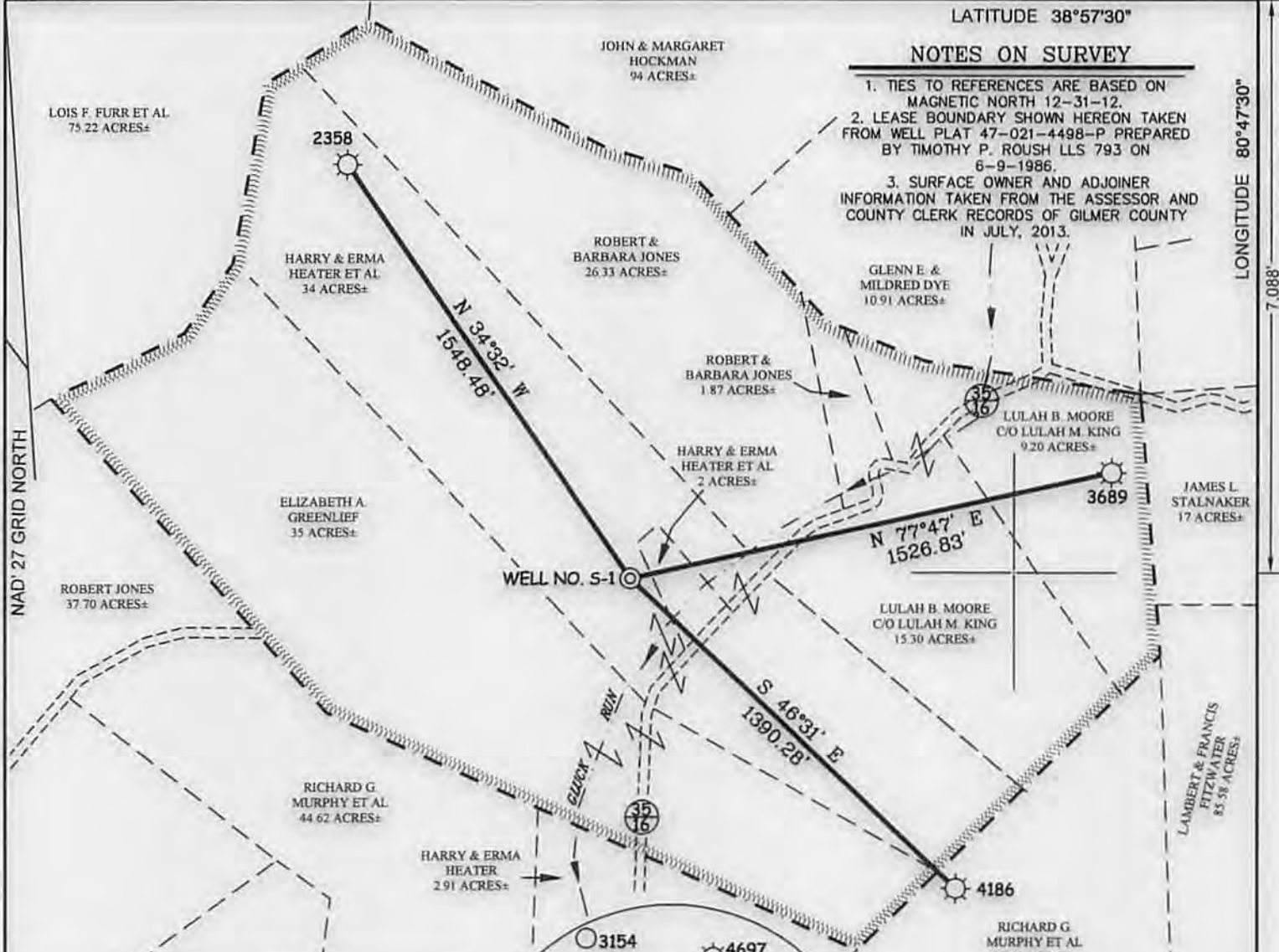


NOTES ON SURVEY

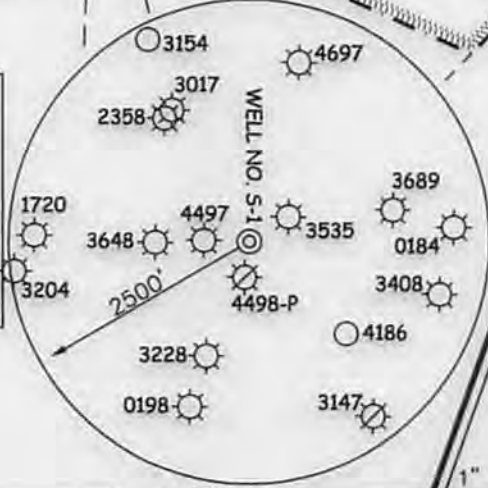
1. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 12-31-12.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM WELL PLAT 47-021-4498-P PREPARED BY TIMOTHY P. ROUSH LLS 793 ON 6-9-1986.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GILMER COUNTY IN JULY, 2013.

NAD 27 GRID NORTH

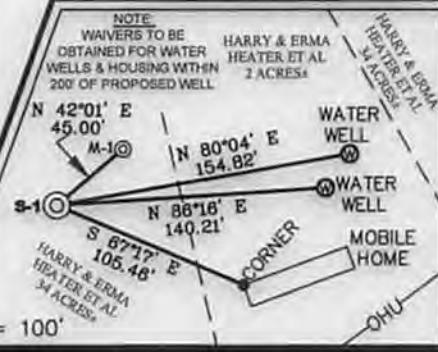


LYNCH LEASE
110.50 ACRES±
WELL NO. S-1

(S.P.C. SOUTH ZONE) (UTM(M) ZONE 17 NORTH)
 NAD27 S.P.C.(FT) N. 705,090 E. 2,056,244
 NAD27 GEO. LAT.(N) 38.93887 LONG.(W) 80.80228
 NAD83 UTM (M) N. 4,310,022 E. 517,151



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.

P.S. 677 *Gregory A. Smith*

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE MARCH 21, 20 14
 REVISED _____ 20 _____
 OPERATORS WELL NO. _____ LYNCH NO. S-1
 API WELL NO. 47 - 021 - 05769
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 8156PS-1(497-27)
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS (SUBMETER MAPPING GRADE) 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 X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 776' WATERSHED GLUCK RUN
 DISTRICT GLENVILLE COUNTY GILMER QUADRANGLE GLENVILLE 7.5'

SURFACE OWNER HARRY & ERMA HEATER ET AL ACREAGE 34±
 ROYALTY OWNER G.R. LYNCH HIERS ACREAGE 110.5±

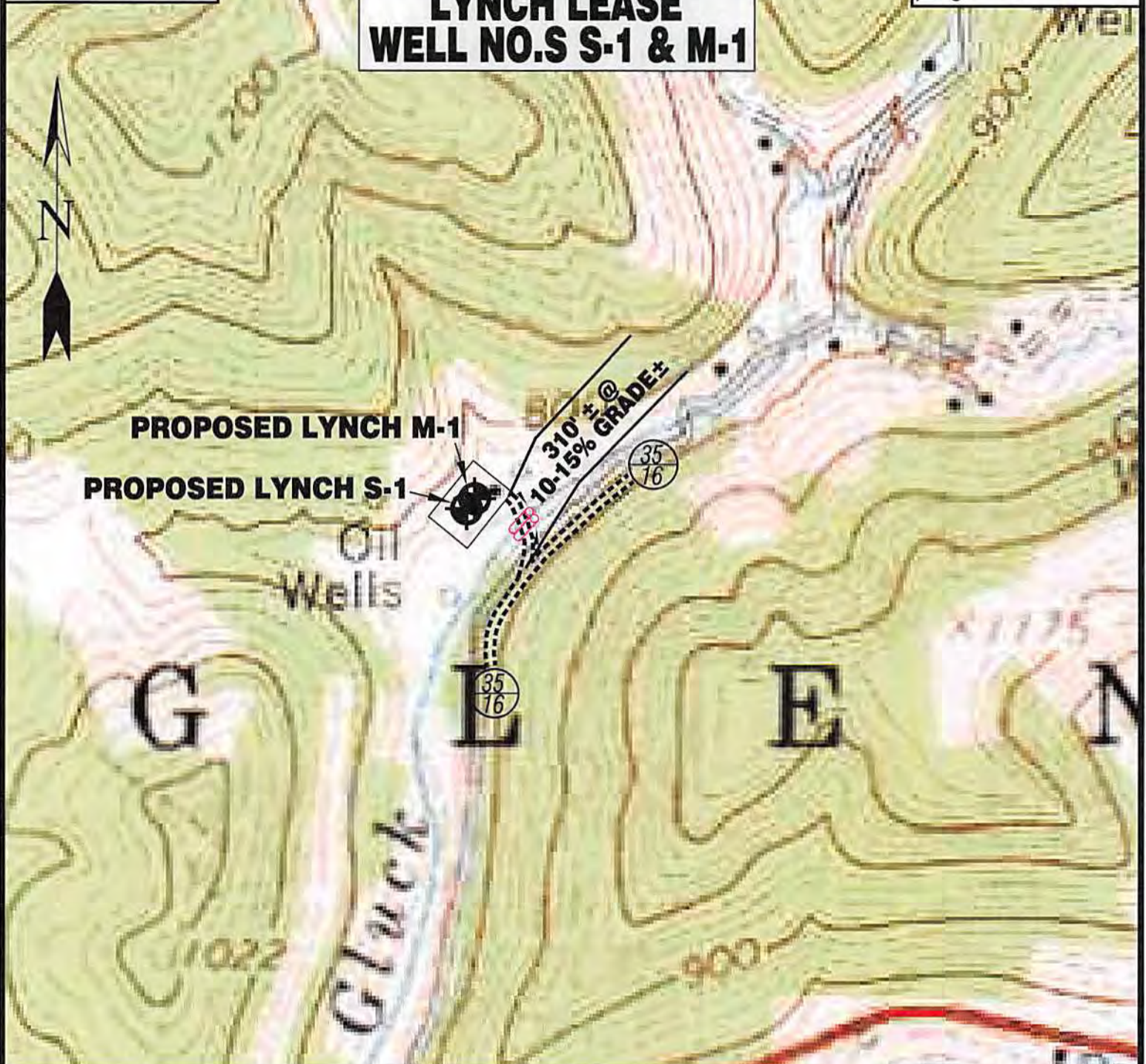
PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ OTHER _____

PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION SPEECHLEY ESTIMATED DEPTH 3,150'

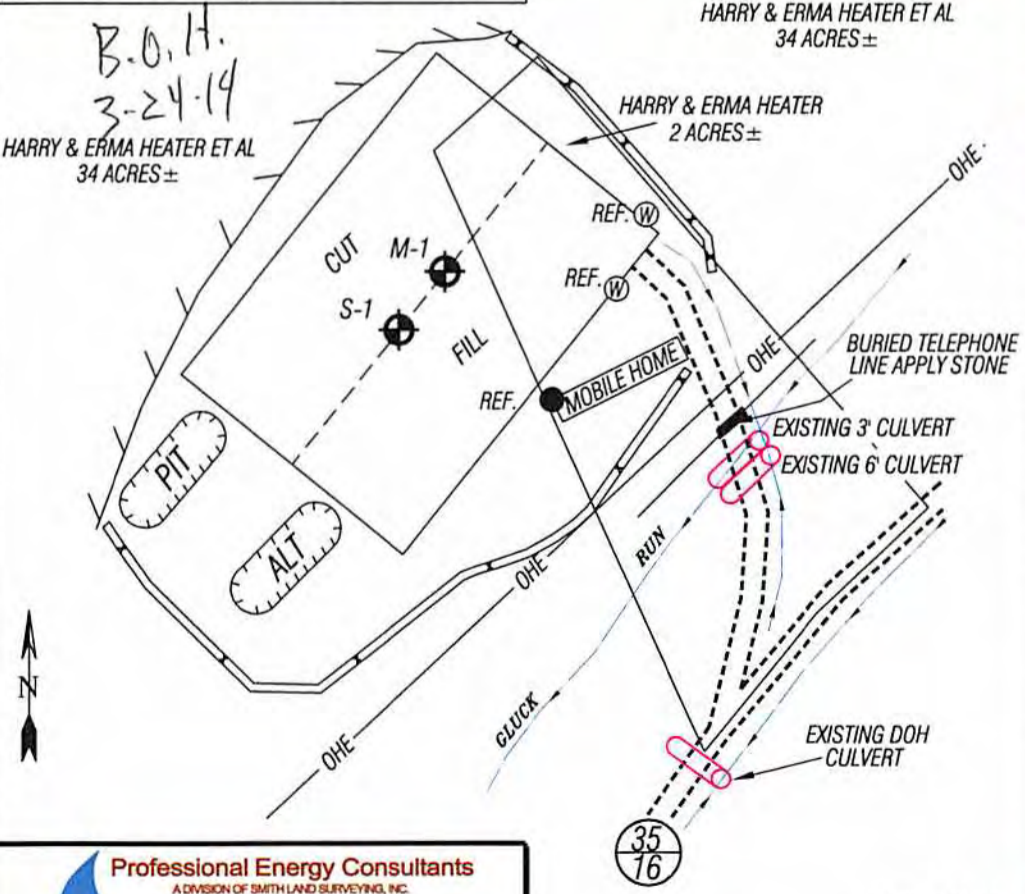
WELL OPERATOR ENERGY CORPORATION OF AMERICA DESIGNATED AGENT RODNEY A. WINTERS
 ADDRESS 501 56TH STREET S.E. ADDRESS 501 56TH STREET S.E.
CHARLESTON, WV 25304 CHARLESTON, WV 25304

05/09/2014

LYNCH LEASE WELL NO.S S-1 & M-1



Detail Sketch for Proposed Wells S-1 & M-1



SCALE: 1"=500'



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 CUTCROPS 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 PIC PERMITS ON THE ACCESS ROAD STREAM CROSSINGS HAVE BEEN PREPARED (IF APPLIES).

RECEIVED
Office of Gas
APR 07 2014
WV Department of
Environmental Protection

- EXISTING CULVERT

 - PROPOSED CULVERT
 12" MIN. UNLESS OTHERWISE NOTED

 - PROPOSED STREAM CROSSING

 - APPROXIMATE LIMITS OF DISTURBANCE

Not To Scale

TOPO SECTION OF GLENVILLE 7.5'
USGS TOPO QUADRANGLE

Professional Energy Consultants
A DIVISION OF SMITH LAND SURVEYING, INC.

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ENVIRONMENTAL
PROJECT MGMT.

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WWW.SLSSURVEYS.COM

DRAWN BY K.D.W.	FILE NO. 8156	DATE 03/21/14	CADD FILE: 8156RECPLAN.dwg
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05/09/2014