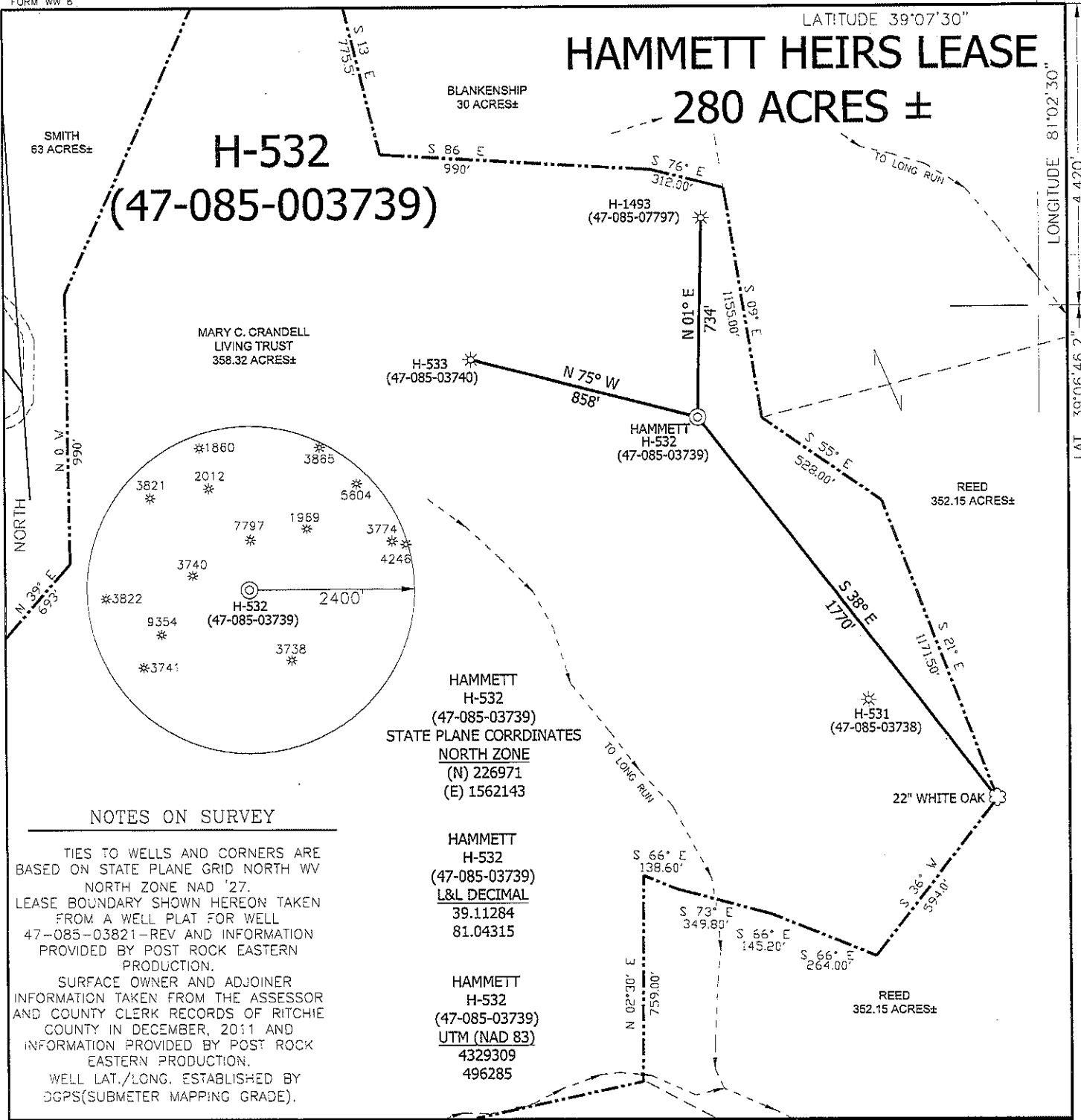


HAMMETT HEIRS LEASE

280 ACRES ±

H-532

(47-085-003739)



NOTES ON SURVEY

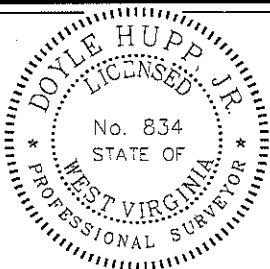
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A WELL PLAT FOR WELL 47-085-03821-REV AND INFORMATION PROVIDED BY POST ROCK EASTERN PRODUCTION. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN DECEMBER, 2011 AND INFORMATION PROVIDED BY POST ROCK EASTERN PRODUCTION. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

HAMMETT H-532 (47-085-03739)
STATE PLANE COORDINATES
NORTH ZONE
(N) 226971
(E) 1562143

HAMMETT H-532 (47-085-03739)
L&L DECIMAL
39.11284
81.04315

HAMMETT H-532 (47-085-03739)
UTM (NAD 83)
4329309
496285

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 5, 20 12
OPERATORS WELL NO. H-532
API WELL NO. 47-085-03739
STATE COUNTY PERMIT

P.S. 834
Doyle Hupp Jr.
HUPP Surveying & Mapping
P.O. Box 647 Grantsville, WV 26147
(304) 354-7035 EMAIL: hupp@frontiernet.net

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 2059 (BK 55-25)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

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



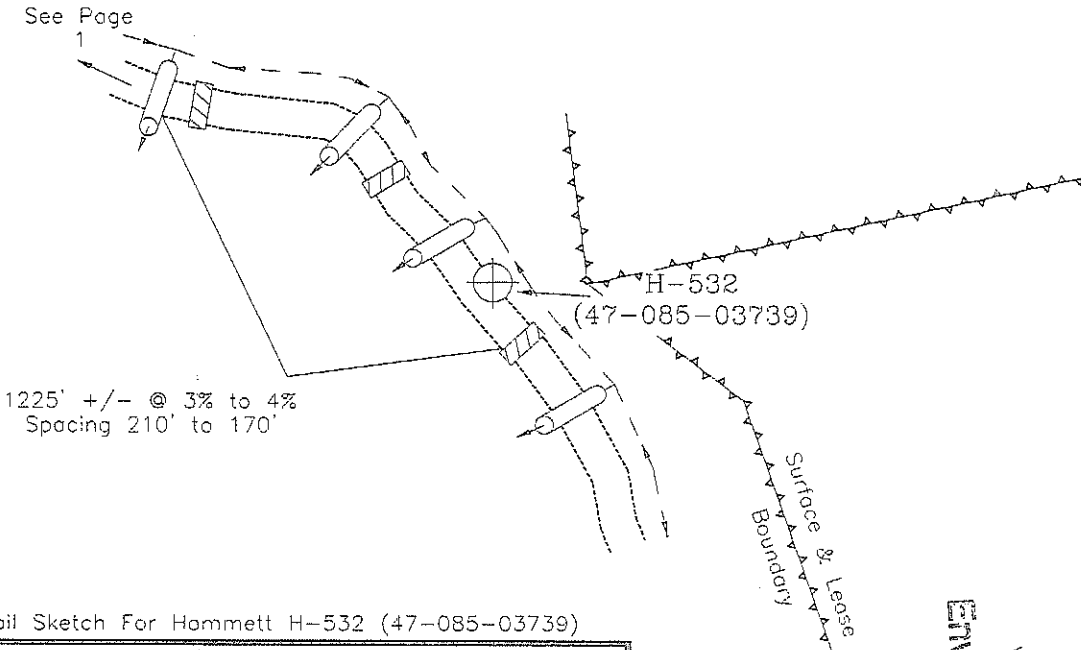
WELL TYPE : OIL GAS LIQUID WASTE IF INJECTION DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION : ELEVATION 1,094' WATERSHED LONG RUN
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'
SURFACE OWNER MARY C. CRANDELL ACREAGE 125± of 358.32±
ROYALTY OWNER HAMMETT HEIRS, et al LEASE ACREAGE 280±
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) RE-WORK TARGET FORMATION BEREA
ESTIMATED DEPTH 2,520'

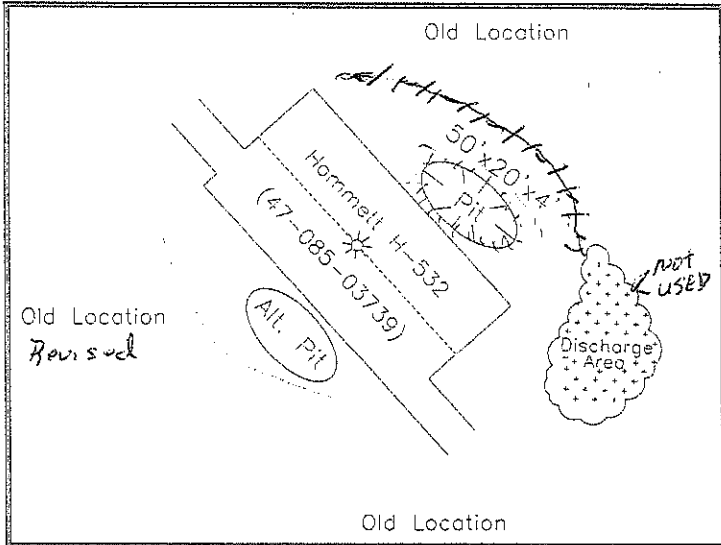
WELL OPERATOR POST ROCK EASTERN PRODUCTION DESIGNATED AGENT GARY LASWELL
ADDRESS 101 WEST MAIN ST. HARRISVILLE, WV 26362 ADDRESS 101 WEST MAIN ST. HARRISVILLE, WV 26362

COUNTY NAME PERMIT

POST ROCK EASTERN PRODUCTION HAMMETT H-532 (47-085-03739)



Detail Sketch For Hammett H-532 (47-085-03739)



Road Is Existing Upgrade Drainage Devices Needed

Install Minimum 24" Culvert

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

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

CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT.

TEMPORARILY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

CUT AND STACK ALL TIMBER ABOVE 6-INCHES IN DIAMETER AND THICKER.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

RECEIVED
 Office of Oil & Gas
 APR 10 2012
 WV Department of
 Environmental Protection

HUPP Surveying & Mapping P.O. BOX 647 GRANTSVILLE, WV 26147 PH:(304)354-7035 E-MAIL: hupp@frontiernet.net	Drafted BY:	Date Drafted:	Job Number:
	DB	03/05/12	W20112059