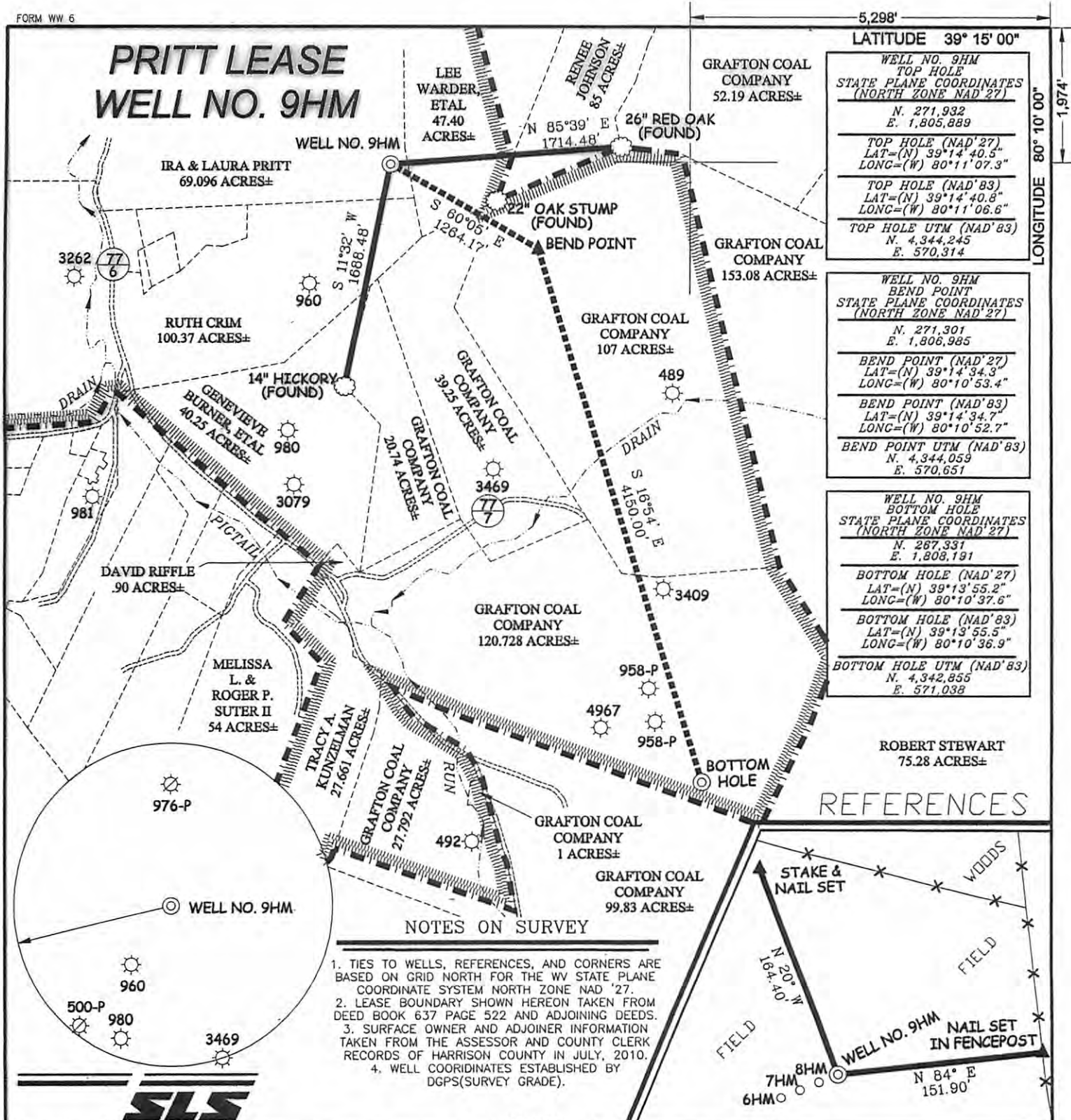


PRITT LEASE WELL NO. 9HM

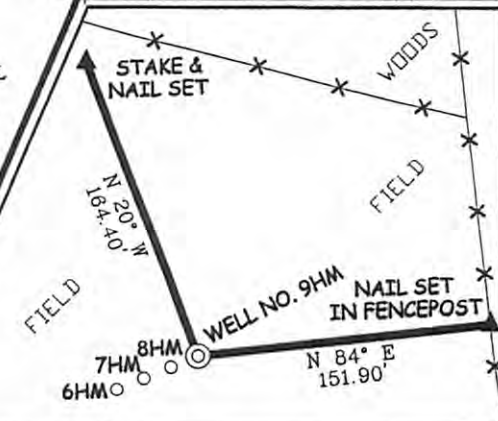


WELL NO. 9HM TOP HOLE STATE PLANE COORDINATES (NORTH ZONE NAD'27) N. 271,932 E. 1,805,889 TOP HOLE (NAD'27) LAT=(N) 39°14'40.5" LONG=(W) 80°11'07.3" TOP HOLE (NAD'83) LAT=(N) 39°14'40.8" LONG=(W) 80°11'06.6" TOP HOLE UTM (NAD'83) N. 4,344,245 E. 570,314
WELL NO. 9HM BEND POINT STATE PLANE COORDINATES (NORTH ZONE NAD'27) N. 271,301 E. 1,806,985 BEND POINT (NAD'27) LAT=(N) 39°14'34.3" LONG=(W) 80°10'53.4" BEND POINT (NAD'83) LAT=(N) 39°14'34.7" LONG=(W) 80°10'52.7" BEND POINT UTM (NAD'83) N. 4,344,059 E. 570,651
WELL NO. 9HM BOTTOM HOLE STATE PLANE COORDINATES (NORTH ZONE NAD'27) N. 267,331 E. 1,808,191 BOTTOM HOLE (NAD'27) LAT=(N) 39°13'55.2" LONG=(W) 80°10'37.6" BOTTOM HOLE (NAD'83) LAT=(N) 39°13'55.5" LONG=(W) 80°10'36.9" BOTTOM HOLE UTM (NAD'83) N. 4,342,855 E. 571,038

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 DEED BOOK 637 PAGE 522 AND ADJOINING DEEDS.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2010.
4. WELL COORDINATES ESTABLISHED BY DGPS(SURVEY GRADE).

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 NOVEMBER 17, 20 11
 OPERATORS WELL NO. PRITT NO. 9HM
 API WELL NO. 47-033-05600H
 STATE COUNTY PERMIT H6A

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7696P9HM (376-22)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1000'

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

WELL TYPE:	OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	IF "GAS" PRODUCTION	<input checked="" type="checkbox"/>	STORAGE	DEEP	SHALLOW <input checked="" type="checkbox"/>
LOCATION:	ELEVATION	<u>1,351'</u>		WATERSHED	<u>BEARDS RUN & PIGTAIL RUN</u>				
	DISTRICT	<u>SIMPSON</u>		COUNTY	<u>HARRISON</u>		QUADRANGLE	<u>BROWNTON 7.5'</u>	
	SURFACE OWNER	<u>IRA & LAURA PRITT</u>			ACREAGE	<u>69.096±</u>			
	ROYALTY OWNER	<u>IRA & LAURA PRITT, ETAL</u>			LEASE ACREAGE	<u>69.096, 47.40, 39.25, 107, & 120.728±</u>			
PROPOSED WORK:	DRILL <input checked="" type="checkbox"/>	CONVERT	DRILL DEEPER	REDRILL	FRACTURE OR STIMULATE	<input checked="" type="checkbox"/>		PLUG OFF OLD	
	FORMATION	PERFORATE NEW FORMATION	PLUG AND ABANDON	CLEAN OUT AND REPLUG	OTHER				
PHYSICAL CHANGE IN WELL (SPECIFY)	TARGET FORMATION	<u>MARCELLUS SHALE</u>			ESTIMATED DEPTH	<u>7,905' TVD/ 14,000' MD</u>			

WELL OPERATOR PDC MOUNTAINEER, LLC DESIGNATED AGENT JAMIE HAGA
 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330

09/13/2013