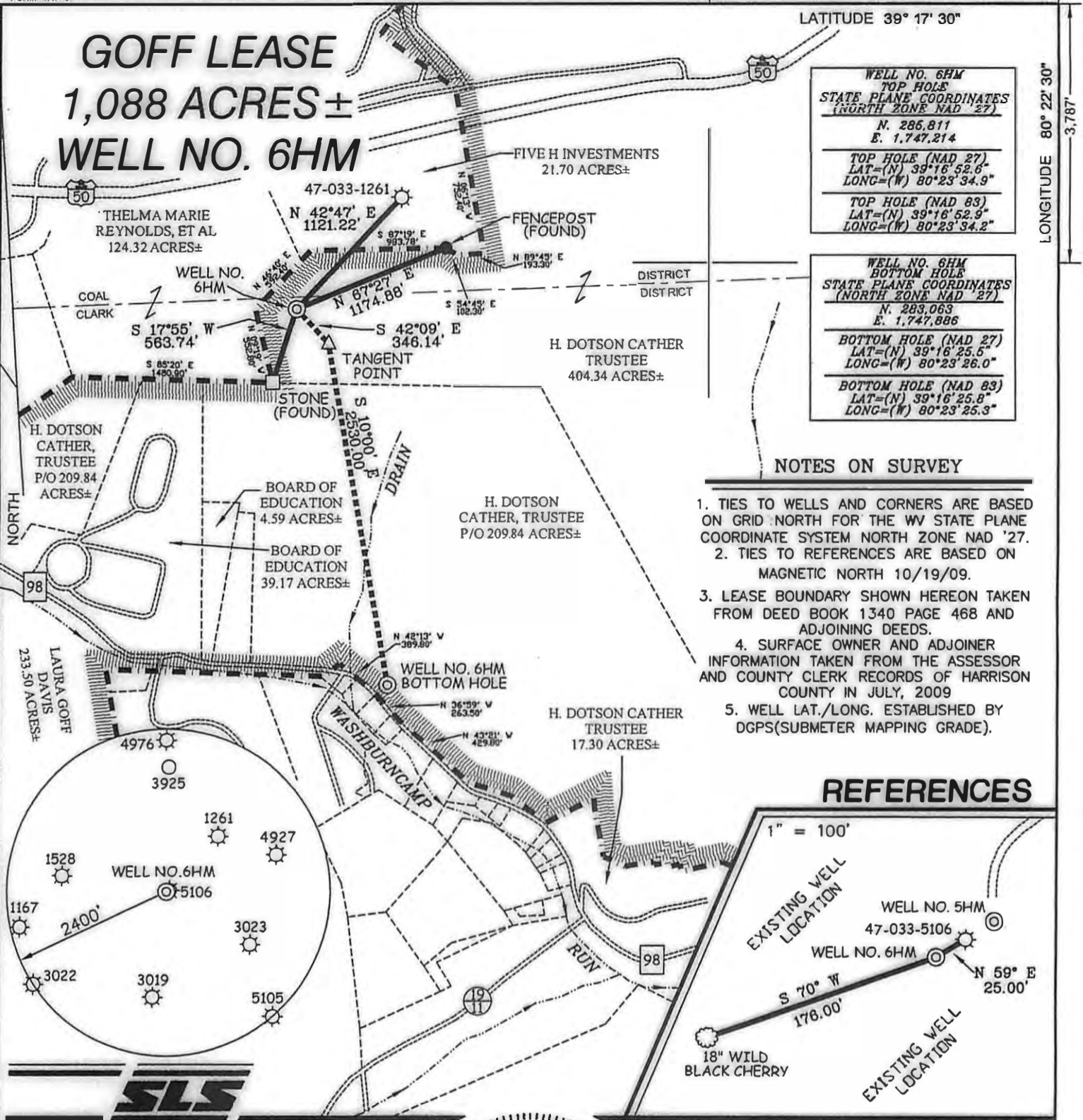


# GOFF LEASE 1,088 ACRES ± WELL NO. 6HM

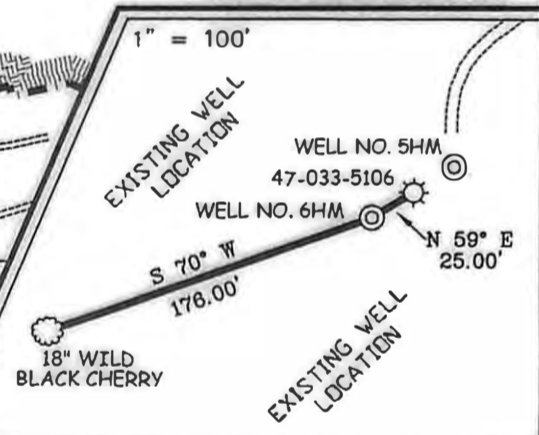


<b>WELL NO. 6HM TOP HOLE</b> STATE PLANE COORDINATES (NORTH ZONE NAD '27) N. 285,811 E. 1,747,214 <hr/> <b>TOP HOLE (NAD '27)</b> LAT=(N) 39°16'52.6" LONG=(W) 80°23'34.9" <hr/> <b>TOP HOLE (NAD '83)</b> LAT=(N) 39°16'52.9" LONG=(W) 80°23'34.2"
<b>WELL NO. 6HM BOTTOM HOLE</b> STATE PLANE COORDINATES (NORTH ZONE NAD '27) N. 283,063 E. 1,747,886 <hr/> <b>BOTTOM HOLE (NAD '27)</b> LAT=(N) 39°16'25.5" LONG=(W) 80°23'26.0" <hr/> <b>BOTTOM HOLE (NAD '83)</b> LAT=(N) 39°16'25.8" LONG=(W) 80°23'25.3"

### NOTES ON SURVEY

- TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
- TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10/19/09.
- LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 1340 PAGE 468 AND ADJOINING DEEDS.
- SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF HARRISON COUNTY IN JULY, 2009
- WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING 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 OCTOBER 29, 20 09  
 OPERATORS WELL NO. GOFF NO. 6HM  
 API WELL NO. 47 - 033 - 05367#  
 STATE            COUNTY            PERMIT           

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 7129P6HM (286-76)  
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 1,000'

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

WELL TYPE:	OIL <input type="checkbox"/>	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION <input type="checkbox"/>	WASTE DISPOSAL <input type="checkbox"/>	IF "GAS" PRODUCTION <input checked="" type="checkbox"/>	STORAGE <input type="checkbox"/>	DEEP <input type="checkbox"/>	SHALLOW <input checked="" type="checkbox"/>	
LOCATION:	ELEVATION	WATERSHED							
	<u>1,342'</u>	<u>SIMPSON FORK &amp; WASHBURN CAMP RUN</u>							
	DISTRICT	COUNTY	QUADRANGLE						
	<u>CLARK</u>	<u>HARRISON</u>	<u>WOLF SUMMIT 7.5'</u>						
SURFACE OWNER	<u>H. DOTSON CATHER, TRUSTEE</u>		ACREAGE	<u>404.34±</u>					
ROYALTY OWNER	<u>H. DOTSON CATHER, TRUSTEE</u>		LEASE ACREAGE	<u>1,088±</u>					
PROPOSED WORK:	LEASE NO. _____								
DRILL <input checked="" type="checkbox"/>	CONVERT <input type="checkbox"/>	DRILL DEEPER <input type="checkbox"/>	REDRILL <input type="checkbox"/>	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>	PLUG OFF OLD FORMATION <input type="checkbox"/>	PERFORATE NEW FORMATION <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	CLEAN OUT AND REPLUG <input type="checkbox"/>	OTHER <input type="checkbox"/>
PHYSICAL CHANGE IN WELL (SPECIFY)	TARGET FORMATION		ESTIMATED DEPTH						
	<u>MARCELLUS SHALE</u>		<u>7,230' TVD/ 9,830' MD</u>						

WELL OPERATOR PETROLEUM DEVELOPMENT CORPORATION DESIGNATED AGENT ALAN H. SMITH  
 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330 ADDRESS 120 GENESIS BOULEVARD BRIDGEPORT, WV 26330

07/26/2013

COUNTY NAME  
PERMIT