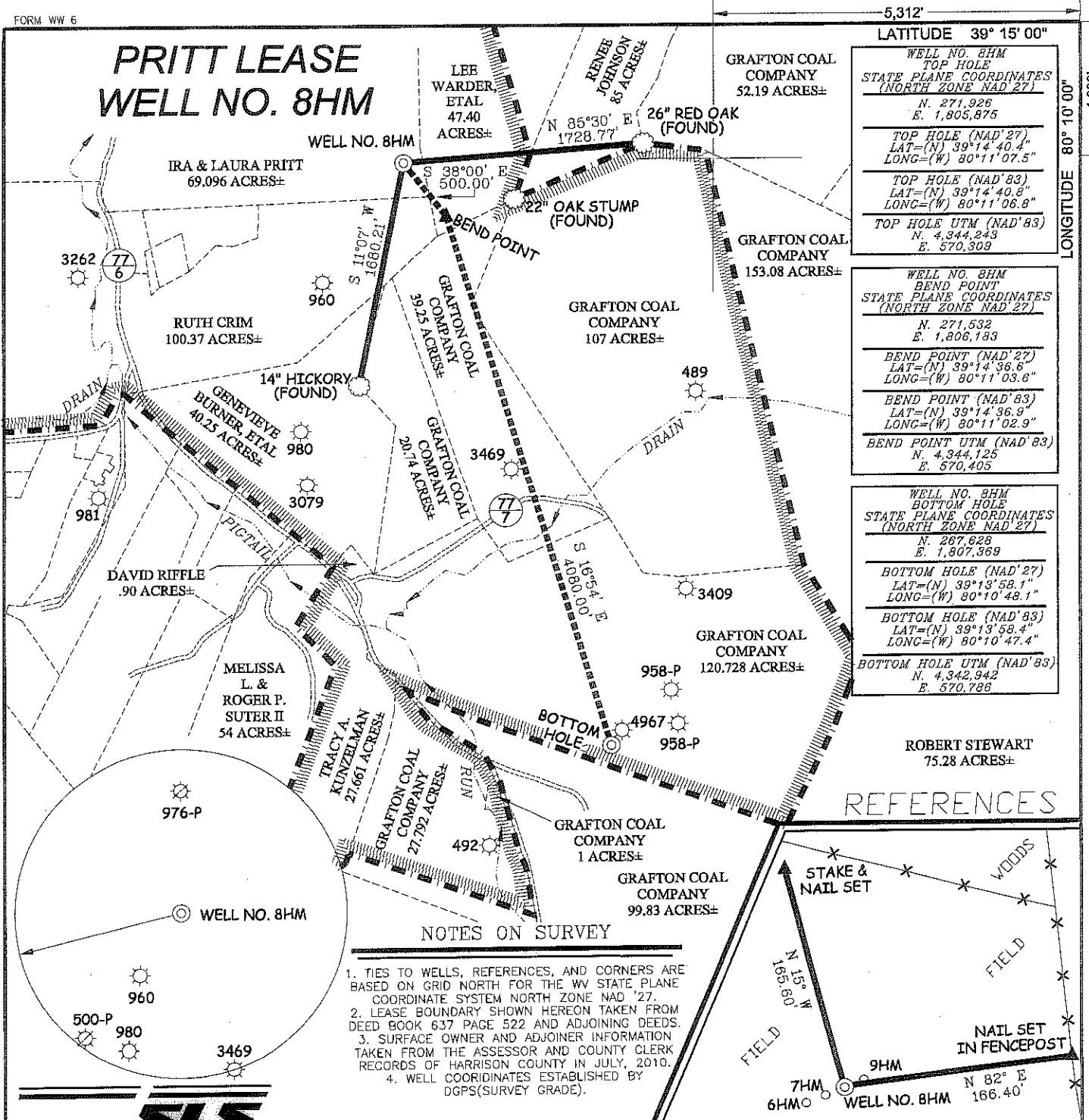
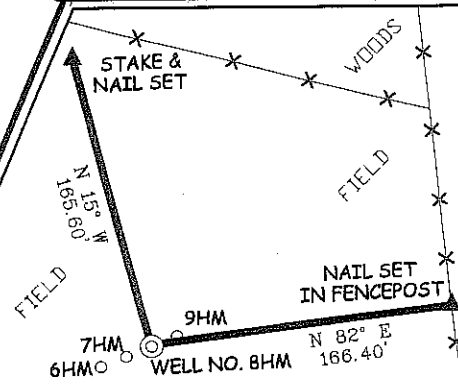


PRITT LEASE WELL NO. 8HM



WELL NO. 8HM TOP HOLE STATE PLANE COORDINATES (NORTH ZONE NAD 27) N. 271,926 E. 1,806,875 TOP HOLE (NAD 27) LAT=(N) 39°14'40.4" LONG=(W) 80°11'07.5" TOP HOLE (NAD 83) LAT=(N) 39°14'40.8" LONG=(W) 80°11'06.8" TOP HOLE UTM (NAD 83) N. 4,344,243 E. 570,309
WELL NO. 8HM BEND POINT STATE PLANE COORDINATES (NORTH ZONE NAD 27) N. 271,532 E. 1,806,183 BEND POINT (NAD 27) LAT=(N) 39°14'38.6" LONG=(W) 80°11'03.6" BEND POINT (NAD 83) LAT=(N) 39°14'36.9" LONG=(W) 80°11'02.9" BEND POINT UTM (NAD 83) N. 4,344,125 E. 570,405
WELL NO. 8HM BOTTOM HOLE STATE PLANE COORDINATES (NORTH ZONE NAD 27) N. 267,628 E. 1,807,569 BOTTOM HOLE (NAD 27) LAT=(N) 39°13'58.1" LONG=(W) 80°10'48.1" BOTTOM HOLE (NAD 83) LAT=(N) 39°13'58.4" LONG=(W) 80°10'47.4" BOTTOM HOLE UTM (NAD 83) N. 4,342,942 E. 570,786

REFERENCES



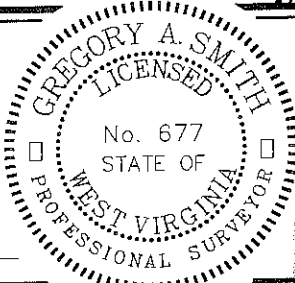
NOTES ON SURVEY

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).



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. 8HM
 API WELL NO. 47-033 - D5599H6A
 PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7696P8HM (376-22)
 PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE) SCALE 1" = 1000'

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>			COUNTY NAME	
SURFACE OWNER	<u>IRA & LAURA PRITT</u>				ACREAGE <u>69.096±</u>			PERMIT	
ROYALTY OWNER	<u>IRA & LAURA PRITT, ETAL</u>				LEASE ACREAGE <u>69.096, 100.37, 47.40, 39.25, 107, & 120.728±</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		OTHER
PHYSICAL CHANGE IN WELL (SPECIFY)	_____				TARGET FORMATION <u>MARCELLUS SHALE</u>		ESTIMATED DEPTH <u>7,905' TVD/ 13,000' MD</u>		

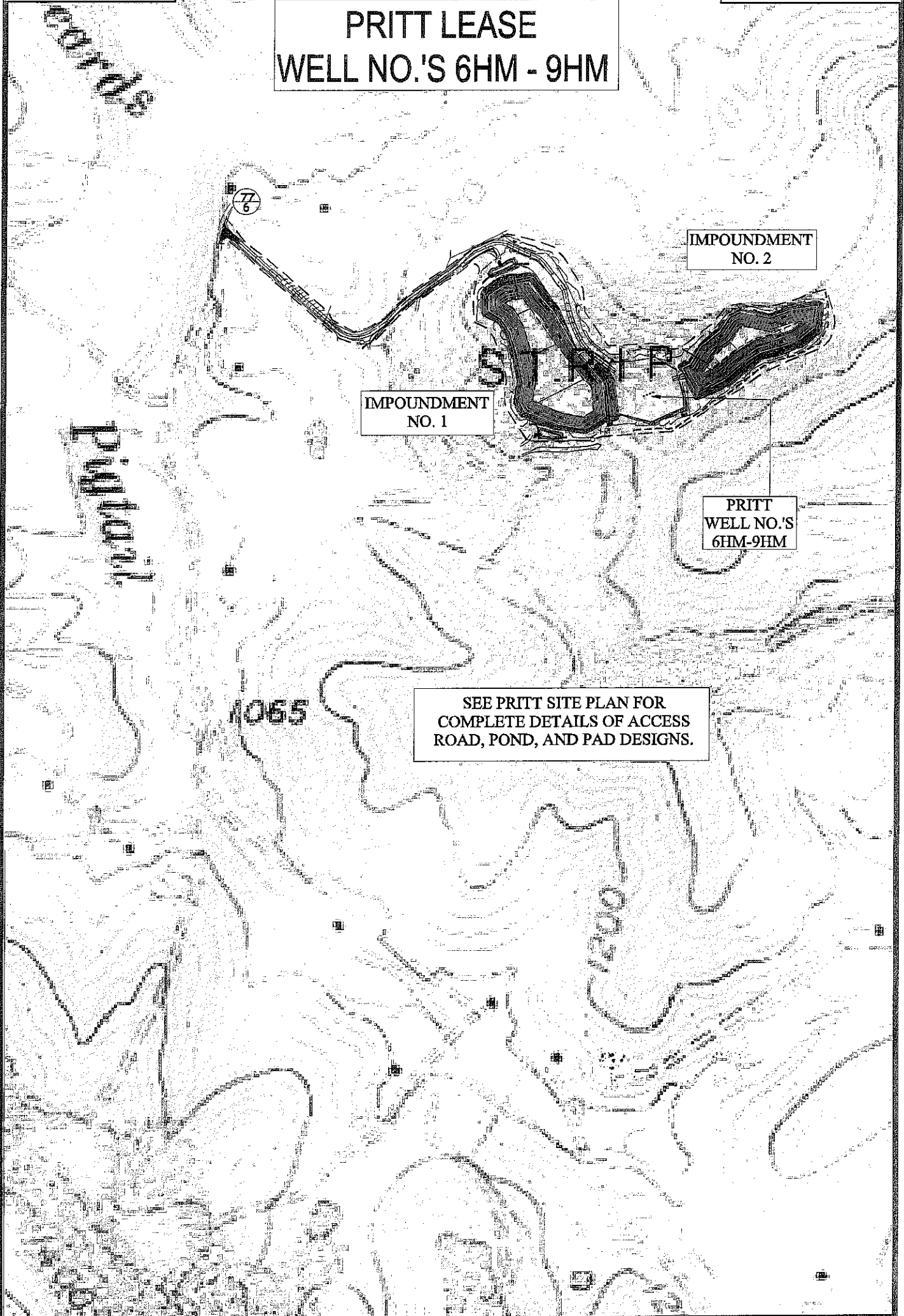
WELL OPERATOR PDC MOUNTAINEER, LLC DESIGNATED AGENT JAMIE HAGA
 ADDRESS 120 GENESIS BOULEVARD ADDRESS 120 GENESIS BOULEVARD
BRIDGEPORT, WV 26330 BRIDGEPORT, WV 26330 **09/28/2012**

33-05899 H64

Form WW-9

page of

PRITT LEASE WELL NO.'S 6HM - 9HM



IMPOUNDMENT
NO. 1

IMPOUNDMENT
NO. 2

PRITT
WELL NO.'S
6HM-9HM

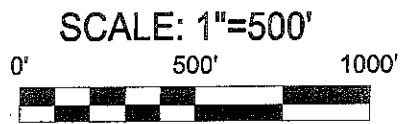
SEE PRITT SITE PLAN FOR
COMPLETE DETAILS OF ACCESS
ROAD, POND, AND PAD DESIGNS.



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

DRAWN BY C.P.M.	FILE NO. 7696	DATE 11-16-11	CADD FILE: 7696REC.DWG
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USGS 2012
TOPO SECTION OF
BROWNTON 7.5' QUADRANGLE



09/28/2012