

LATITUDE

39°25'00"

80°27'30"

LONGITUDE

2.225  
1.94W

7'5 OGIS topo location

7.5' loc, ✓ 15' loc 2.225  
(calc.) 4.17W

HOPE

Company Pennycoil 2799

Farm M.T. Cunningham

Elev. 1108' Topo Est.

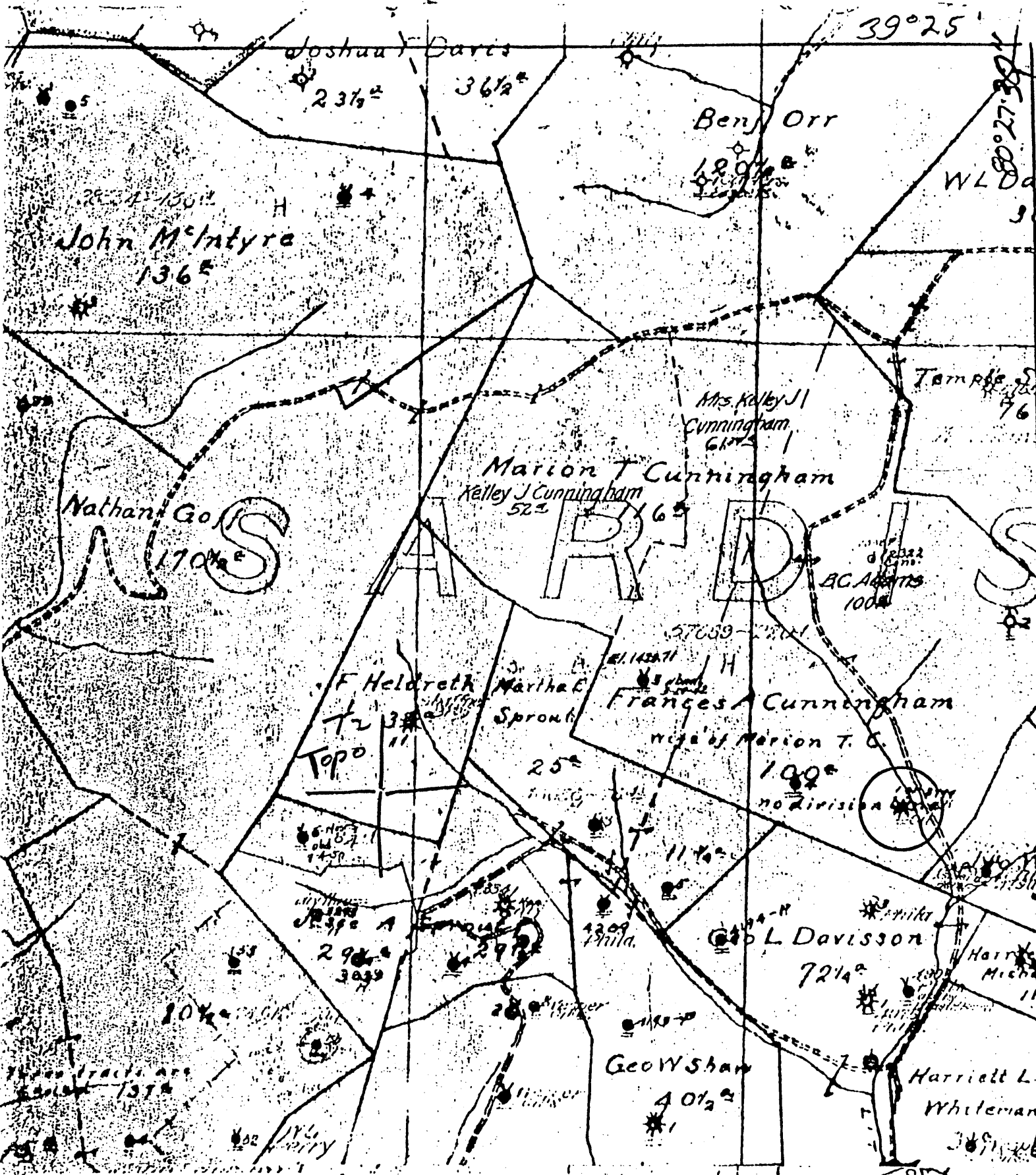
Quad Wallace / Clkby NC

County Harrison


District Sarchis

WELL LOCATION MAP

File No. 033-1736



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV-B  
 (8-78)  
 N 39 S5 E7

  
 STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE 1-26, 19 79  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-033-1736  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW   
 LOCATION: ELEVATION \_\_\_\_\_ WATER SHED Little Rock Camp Run  
 DISTRICT Sardis COUNTY Harrison  
 QUADRANGLE Wallace 7 1/2

SURFACE OWNER \_\_\_\_\_ ACREAGE \_\_\_\_\_  
 OIL & GAS ROYALTY OWNER \_\_\_\_\_ LEASE ACREAGE \_\_\_\_\_  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
 STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW  
 FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION \_\_\_\_\_ ESTIMATED DEPTH \_\_\_\_\_  
 WELL OPERATOR Pennzoil Company DESIGNATED AGENT James A. Crews  
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588  
Parkersburg, WV 26101 Parkersburg, WV 26101

Approved by \_\_\_\_\_  
 Well No. 1 *Marian P. Cunningham Farm 220 Acres*  
 Lease No. 57669 *Sardin* District *Sardin* County *It Va.* State  
 Contractor *Hope Nat. Gas Co.* Contractor  
 Drilling Commenced 192 Drilling Completed *Oct. 17, 1920*  
 N. S. 5 E. 7 W.

ROCK FORMATION	TOP	BOTTOM	Steel Line Measurement	REMARKS
<i>Native Coal</i>	<i>507</i>	<i>510</i>		
<i>Pittsburgh Bone</i>	<i>763</i>	<i>771</i>		
<i>Little Runkerd</i>	<i>1135</i>	<i>1175</i>		
<i>Big Runkerd</i>	<i>1265</i>	<i>1375</i>		
<i>Gas Sand</i>	<i>1410</i>	<i>1475</i>		
<i>1st Salt Sand</i>	<i>1510</i>	<i>1560</i>		
<i>2nd Salt Sand</i>	<i>1665</i>	<i>1706</i>		
<i>Mason Sand</i>	<i>1815</i>	<i>1900</i>		
<i>Little Lime</i>	<i>1979</i>	<i>1992</i>		
<i>Penal Core</i>	<i>1992</i>	<i>1997</i>		
<i>Big Lime</i>	<i>1999</i>	<i>2073</i>		
<i>Big Injuns</i>	<i>2073</i>	<i>2160</i>		<i>Gas 2084 to 2090</i>
<i>Light Hook</i>	<i>2608</i>	<i>2649</i>		
<i>Gas</i>		<i>2637</i>		
<i>Thirty Hook</i>	<i>2732</i>	<i>2753</i>		
<i>Sand</i>	<i>2778</i>	<i>2807</i>		
<i>Stray</i>	<i>2809</i>	<i>2831</i>		
<i>Garden</i>	<i>2842</i>			<i>Oil 2866 to 2868</i>
<i>Pay - Oil &amp; Gas</i>	<i>2877</i>	<i>2880</i>		<i>Gas 2876</i>
<i>Total Depth</i>		<i>2881</i>		<i>not drilled then down</i>

CASING RECORD AS TALLIED. NOT STEEL LINE MEASUREMENT

SIZE	PUT IN WELL		PULLED OUT		LEFT IN WELL		Shot Date	Amount	Sand	Result
	FEET	IN.	FEET	IN.	FEET	IN.				
<i>10"</i>	<i>736</i>	<i>11</i>								
<i>8 1/4"</i>	<i>1780</i>	<i>3</i>								
<i>6 7/8"</i>	<i>2042</i>	<i>10</i>								
<i>5 1/2"</i>	<i>2744</i>	<i>3</i>								

Packer Size \_\_\_\_\_  
 Depth Set \_\_\_\_\_

Production First 24 Hours *275* Bbls. Gas Test \_\_\_\_\_  
 Approved by *Copied from Hope Record* Superintendent