



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



DATE Dec 28, 1978
 OPERATOR'S WELL NO. 2
 API WELL NO. 47-085-4067
 STATE COUNTY PERMIT

FORM IV-6
 (8-78)
 13 S28 W31

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION _____ WATER SHED Dutchman Run
 DISTRICT Murphy COUNTY Ritchie
 QUADRANGLE MacFarlan 7 1/2

SURFACE OWNER _____ ACREAGE _____
 OIL & GAS ROYALTY OWNER _____ LEASE NO. _____ LEASE ACREAGE _____

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 Pennacoil Company DESIGNATED AGENT James A. Crews
 ADDRESS P. O. Box 1588 ADDRESS P. O. Box 1588
Parkersburg, WV 26101 Parkersburg, WV 26101

Well No. *Section 16* Farm *13* Acres
 Lease No. *Mosby* District *Ditchie* County *W* State
 Contractor *S.P. D.T. Co.*
 Drilling Commenced *May 8, 1919* Drilling Completed *May 30, 1919*
 N. *S. 27* E. *N. 31-2*

ROCK FORMATION	TOP	BOTTOM	STEEL LINE MEASUREMENT	REMARKS
<i>Wooden Casing</i>		<i>16</i>		
<i>Boehl. rock</i>	<i>1158</i>	<i>1168</i>	<i>1158</i>	
<i>Slate</i>	<i>1168</i>	<i>1270</i>		
<i>Sand</i>	<i>1270</i>	<i>1300</i>		
<i>Slate</i>	<i>1300</i>	<i>1390</i>		
<i>Sand</i>	<i>1390</i>	<i>1500</i>		
<i>Slate</i>	<i>1500</i>	<i>1540</i>		
<i>Sand</i>	<i>1540</i>	<i>1670</i>		
<i>Slate</i>	<i>1570</i>	<i>1672</i>	<i>1672</i>	
<i>Dark sand</i>	<i>1672</i>	<i>1858</i>		
<i>" " Oil</i>	<i>1790</i>	<i>1804</i>	<i>1795</i>	
<i>Slate</i>	<i>1858</i>	<i>1866</i>		
<i>Salt Sand</i>	<i>1866</i>		<i>1866</i>	
<i>" " Oil</i>	<i>1880</i>	<i>1900</i>	<i>1881</i>	
<i>Total Depth</i>		<i>1908</i>	<i>1908</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>247</i>		<i>247</i>				<i>June 4, 1919.</i>	<i>80 qts.</i>	<i>Salt Sand.</i>	<i>Good Shot.</i>
<i>5 1/2</i>	<i>1163</i>		<i>1163</i>							
<i>6 5/8</i>	<i>1655</i>									

Production First 24 Hours *7* Bbls. Gas Test
 Approved by *J.P. Brooks* Superintendent

47-085-4064