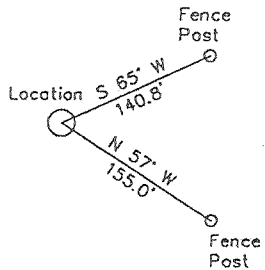


References



7 1/2'

HINEY
50.36 ac.

Location
Hiney No.2

LEWIS
7.81 ac.

DAVIS
120.98 ac.

HINEY
100 ac.

SUAN
112 ac.

SHUMAN
50.3 ac.

LINE TABLE		
L1	S 36°21' W	184.9'
L2	N 17°29' W	728.9'

358-P

Branch of Rooting Creek

NORTH

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

FILE NO. _____
 DRAWING NO. 1
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION GPS
submeter unit

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 DEPARTMENT OF ENERGY

(SIGNED) [Signature]
 R.P.E. _____ L.L.S. 791

STATE OF WEST VIRGINIA
 Division of Environmental Protection
 OFFICE OF OIL AND GAS

DATE December 10, 2003
 OPERATOR'S WELL NO. Hiney No. 2
 API WELL NO. _____

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X

LOCATION: ELEVATION 1,055' WATER SHED Branch of Rooting Creek
 DISTRICT Elk COUNTY Harrison

SURFACE OWNER John Hiney ACREAGE 100 ac.
 OIL & GAS ROYALTY OWNER W. R. Hiney LEASE ACREAGE 100 ac.

LEASE NO. _____
 PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION Benson ESTIMATED DEPTH 4,450'
 WELL OPERATOR W.R.H. Enterprises, L.L.C. DESIGNATED AGENT Christopher Farmer
 ADDRESS P.O. Box 203 Institute, WV 25112 ADDRESS P.O. Box 11289 Charleston, WV 25339

COUNTY NAME HARRISON
 PERMIT 4447

6208

6-6(155)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

✓
MPP

Well Operator's Report of Well Work

Farm name: John Hiney Operator Well No.: 2

LOCATION: Elevation: 1055' Quadrangle: Berlin

District: EIK County: Harrison
Latitude: 1300 Feet South of 39 Deg. 07 Min. 30 Sec.
Longitude 10,100 Feet West of 30 Deg. 15 Min. 00 Sec.

Company: W.R.H. Enterprises, LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>P.O. Box 203</u>	<u>11 3/4"</u>	<u>16.5'</u>	<u>pulled</u>	
<u>Institute, WV 25112-0203</u>	<u>8 5/8"</u>	<u>1060.60'</u>	<u>1060.60'</u>	<u>285sx-to surface</u>
Agent: <u>Christopher A. Farmer</u>	<u>4 1/2"</u>		<u>4327.62'</u>	<u>120 SX</u>
Inspector: <u>Tim Bennett</u>				
Date Permit Issued: <u>1/06/2004</u>				
Date Well Work Commenced: <u>2/18/04</u>				
Date Well Work Completed: <u>3/9/04</u>				
Verbal Plugging:				
Date Permission granted on:				
<u>Rotary</u> Cable Rig				
Total Depth (feet): <u>4454 GL</u>				
Fresh Water Depth (ft.): <u>45'</u>				
Salt Water Depth (ft.): <u>1680, 1764'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>No</u>				

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WV Department of Environmental Protection

OPEN FLOW DATA

Producing formation Benson Pay zone depth (ft) 4268'
Gas: Initial open flow 33 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 240 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 3 Hours
Static rock Pressure 1100 psig (surface pressure) after 72 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: W.R.H. Enterprises
By: W.R.H. Enterprises
Date: 4-12-04

WR 4447

Perforations: 13 holes (.39") 4278-4282 KB (-10' in Detailed Logs in CGDacs)

Fracture Benson Sand - One Stage: BD 2140[#] w/ 500 gal. 15% HCl, 35,000[#] 20/40 sand, 75Q N₂ Foam

Formation	Depth	Comments
Sand and Shale	0 - 1108	45' 1/2" stream Fresh Water
Red Rock	1108 - 1160	
Sand and Shale	1160 - 1235	
Red Rock	1235 - 1322	
Little Lime	1322 - 1343	
Pencil Cave	1343 - 1353	
Big Lime	1353 - 1567	
Shale	1567 - 1706	1690' Hole Damp
Berea Sand	1706 - 1716	
Shale	1716 - 1720	
Gantz Sand	1720 - 1794	1764' 1/2" stream Salt Water
Sand and Shale	1794 - 2250	1810' oil show
5 th Sand	2250 - 2227 ⁽²²⁵⁷⁾	
Shale	(2) 2227 2227 - 4268	
Benson Sand	4268 - 4310	Gas Show 2/10 - W - 1"
Shale	4310 - 4454	
Total Depth	4454	

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