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Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-097-03201 County Upshur District Washington
Quad Buckhannon-7.5 Pad Name _____ Field/Pool Name _____
Farm name Lida Kevin Hawkins Well Number 1
Operator (as registered with the OOG) Lippizan Petroleum, Inc.
Address Post Office Box 28 City Ellenboro State W. Va. Zip 26346

As Drilled location NAID 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing N.A. Easting _____
Landing Point of Curve Northing N.A. Easting _____
Bottom Hole Northing N.A. Easting _____

Elevation (ft) 1892 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
NONE

Date permit issued 3/15/2005 Date drilling commenced 3/17/2005 Date drilling ceased 3/21/2005
Date completion activities began 4/20/2005 Date completion activities ceased 4/30/2005
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 30, 264' Open mine(s) (Y/N) depths NO
Salt water depth(s) ft NONE Void(s) encountered (Y/N) depths NO
Coal depth(s) ft 60, 264, 514 Cavern(s) encountered (Y/N) depths NO
Is coal being mined in area (Y/N) NO

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API 47097 - 09201 Farm name Lida Kevin Hawkins Well number 1

CASING STRINGS	Inside Size	Casing Size	Depth	New or Used	Grade w/ft	Bracket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	12"	9 5/8"	43'	USED		NONE	Pulled.
Surface							
Coil							
Intermediate 1	8 3/4"	7"	896'	NEW	17#	855, 110'	C.T.S. (YES)
Intermediate 2							
Intermediate 3							
Production	6 1/2"	4 1/2"	4142'	NEW	10.5	1102, 2400' 2702'	1775X - T.O.C = 1043'
Tubing	NONE						
Factor type and depth set	NO						

Comment Details

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	NONE						
Surface	NONE						
Coil						Surface	6 hrs.
Intermediate 1	Class A - 270 Gal/2	135					
Intermediate 2							
Intermediate 3							
Production	50:50 POZ MIX	177				1043'	72 hrs
Tubing							

Drillers TD (ft) 4162' Loggers TD (ft) 4162'
 Deepest formation penetrated Benson SAND Plug back to (ft) 4142 - Bottom of 4 1/2" Csg.
 Plug back procedure _____

Kick off depth (ft) N.A.

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic
 Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

7" Casing - 815, 160'
4 1/2" Casing - 4140, 3050, 2110, 1050'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
1	4/25/2005	3933	4060	16	L. BENSON SANDS
2	4/26/2005	3711	3723	20	BENSON SAND
3	4/26/2005	3496	3537	20	BILEY SAND
1-20,000	L. BENSON TREATED WITH 333,000 LBS FLUID - 100 bbl H ₂ O				
2-20,000	BENSON TREATED WITH 100,000 LBS FLUID - 100 bbl H ₂ O				
3-20,000	BILEY TREATED WITH 50,000 LBS FLUID - 110 bbl H ₂ O				

STAGE SAND
1-20,000
2-20,000
3-20,000

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulation Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbl)	Amount of Nitrogen/other (cuft)
1	4/26/05	24	3714	1774	4010	19,100	232	333,000 SCF
2	4/26/05	26	1486	3950	996	25,000	410	50,000 SCF
3	4/26/05	28	1201	994	767	30,000	449	55,000 SCF

Screen out

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PRODUCING FORMATION(S)	DEPTH		MD
<u>L. Benson SAND</u>	<u>3725-406'</u>		
<u>Benson SAND</u>	<u>3707-40'</u>		
<u>Riley SAND</u>	<u>3496-3537'</u>		

Please insert additional pages as applicable. * L. Benson, Benson, Riley tested as a co-mingled Unit

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump None

SHUT-IN PRESSURE Surface 500 psi Bottom Hole N.A. psi DURATION OF TEST 24 hrs

OPEN FLOW Gas 400 mcfpd Oil 0 bpd NGL 0 bpd Water 0 bpd GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY FORMATION	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	TOP DEPTH IN FT	BOTTOM DEPTH IN FT	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H.S. ETC)
NAME TVD	TVD	MD	MD		
<u>Pen. Coal Measures</u>	<u>0</u>	<u>830'</u>	<u>0</u>		
<u>MAKDA SAND</u>	<u>922</u>	<u>971</u>			
<u>Little Lime</u>	<u>1113</u>	<u>1141</u>			
<u>Big Lime</u>	<u>1180</u>	<u>1385</u>			
<u>SQUAW SAND</u>	<u>1385</u>	<u>1432</u>			
<u>5th SAND</u>	<u>1980</u>	<u>2044</u>			
<u>Sprachlen SAND</u>	<u>2559</u>	<u>2595</u>			<u>T.S.T.M. oil odor</u>
<u>Riley Sand</u>	<u>3394</u>	<u>3522</u>			
<u>Benson SAND</u>	<u>3707</u>	<u>3740</u>			<u>35 mcf natural</u>
<u>Total Depth</u>		<u>4162</u>			

Please insert additional pages as applicable.

Drilling Contractor S.W. Jack Drilling Co.
 Address No longer in business City Buckhannon State WV Zip _____

Logging Company Allesbery Wireline Services (Now Weatherford)
 Address _____ City Weston State WV Zip _____

Cementing Company Universal Well Services, Inc.
 Address _____ City Buckhannon State WV Zip _____

Stimulating Company Universal Well Services
 Address _____ City Buckhannon State WV Zip _____

Please insert additional pages as applicable.

Completed by _____ Telephone _____
 Signature _____ Title _____ Date _____

Submital of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACTOCUS Registry

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