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MX0 700

DATE: 11/16/2001 API#:: 4710902061C

State of West Virginia Division of Environmental Production Section of Oil and Gas

Aj

Well Operator's Report of Well Work

rm Name Pocahontas Land Corporation		Quadrane	gle: Pilot Knob 7	1/2'
CATION Elevation: 3455		- Quadran	gic. 1 not raios 1	11-2
District: Oceana		County: Wyo	ming	
Latitude: 4325 Feet South of 37	Deg. 47	Min. 30	Sec.	
Longitude: 7150 Feet West of 81	Deg. 30	Min. 00	Sec.	
ompany:				
nn Virginia Oil & Gas Corporation	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 387	13 3/8" "	28'	28'	0
Duffield, VA 24244	9 5/8"	1482'	1482'	395
Agent: Harry Jewell	7"	2394'	2394'	445
Inspector: Ofie Helmick	4 1/2"	3728'	3728'	190
Date Permit Issued: 07/10/2001	· 			
Date Well Work Commenced: 07/21/2001		 		
Date Well Work Completed: 10/04/2001	· · · · · · · · · · · · · · · · · · ·	1		<u> </u>
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 3,784				
Fresh Water Depth (ft):			I I	ECEIVED
Damp @ 80'			Offic	e of Oil & Gas
Salt Water Depth (ft):				Permitting
Can train 2 opti. (17).				
			NOV	<u>/ 1 9 2001 </u>
Is coal being mined in area (N/Y)? N				
Coal Depths (ft):			W	Department of
186'-189', 242'-244', 1392'-1397', 1831'-1833',			Environn	nental Protection
1937'-1940'				
			1	
OPEN FLOW DATA				
OPEN I LOW BATA				
Producing formation Beckley Coal & Ravencliff Sa	and	Pay zone o	depth (ft)	•
	il: Initial open flo	w B	bl/d	
·	nal open flow	Bbl/d		
Time of open flow between initial and final to	ests:	Hours		
Static rock pressure Not Taken psig (surface		Hours	3	
Second producing formation		Pay zone	depth (ft)	
	Dil: Initial open flo	ow	Bbl/d	
Final open flow MCF/d F	inal open flow	Bbl/d	i	
Time of open flow between initial and final t	ests:	Hours		
Static rock pressure psig (surface pr	ressure) after	Hour	s	
NOTE: ON BACK OF THIS FORM PUT THE FOLLO INTERVALS, FRACTURING OR STIMULATING, PI WHICH IS A SYSTEMATIC DETAILED GEOLOGIC	HYSICAL CHAN	E, TEC. 2). THE	WELL LOG	ıc

Signed:

By: William M. Sty for Date: 11/16/01

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DETAILS OF PERFORATIONS, FRACTURING, OR PHYSICAL CHANGE, ETC.

PERFORATIONS AND FRACTURING

Stage 1- Ravencliff-Perforated from 3528' to 3536' with 16 holes. Broke down with 500 gallons 15% HLC acid and water. Treated with 174 bbls water, 44000 lbs 20/40 sand and 386000 SCF N2. ISIP: 2990 psi. ATP: 2658 psi. ATR: 20 BPM

Stage 2 - Beckley Coal-Perforated from 2970' to 2973' with 12 holes. Broke down with water. Treated with 350 bbls water and 11800 lbs 20/40 sand. ISIP: 650 psi. ATP: 1332 psi. ATR: 20 BPM

FORMATIONS	TOP	BOTTOM	REMARKS
Sand, shale, & coal	0	1940	
Shale	1940	2030	
Sand	2030	2295	
Sand & shale	2295	2466	
Sand	2466	2686	
Shale & coal	2686	2706	
Shale	2706	2752	
Sand	2752	2875	
Sand & shale	2875	2971	
Beckley coal	2971	2973	
Sand	2973	3016	
Poca 6 coal	3016	3018	
Sand & shale	3018	3338	
Shale	3338	3458	
Sand and shale	3458	3514	
Ravencliff sand	3514	3539	
Avise limestone	3539	3574	
Shale	3574	3620	
Sand	3620	3674	
Shale	3674	3784	