WR-35 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 <u>47</u> - 051 _ 01477	County Marshal	<u> </u>	istrict Came	ron	
Quad Cameron	Lucov	y Field/Pool Name			
Farm name Jack D. Lucey			Well Number	Lucey 2H	
Operator (as registered with the OOG	Trans Energy, Inc.				
Address			_ State	Zip)
Bottom Hole	Attach an as-drille Northing 441158. Northing 441213	p. 443 Eastin	ng 5323	ey 304.17(321.62 93.464	1
Elevation (ft) 1296 GL	Type of Well	□New	Type of Ro	eport Interim	ı ≜ Final
Permit Type Deviated H	Iorizontal 📱 Horizon	tal 6A 🛛 Vertical	Depth Typ	pe 🗆 Deep	o □ Shallow
Type of Operation Convert	Deepen 🗆 Drill 🗆	Plug Back Redrilli	ing 🖪 Rew	ork □ Stimu	late
Well Type □ Brine Disposal □ CB!	M ■ Gas □ Oil □ Sec	ondary Recovery Sol	ution Mining	□ Storage □	Other
Type of Completion □ Single □ Mu Drilled with □ Cable ■ Rotary	lltiple Fluids Produc	ced □ Brine □Gas	□ NGL □ 0	Oil Other	
Drilling Media Surface hole □ Ai Production hole □ Air □ Mud Mud Type(s) and Additive(s)			le □Air □	141	of Oil and GaBrine N 2 3 2018 Department of
Date permit issued05/06/2016	Date drilling comm	nenced7/18/2016	Date dril	lling ceased	
Date completion activities began NC	of completed	Date completion activi		CANADA CA	
		NIA	Granted by_		
Please note: Operator is required to s	ubmit a plugging applica	tion within 5 days of ver	bal permission	n to plug	
Freshwater depth(s) ft		Open mine(s) (Y/N) dep	oths		
Salt water depth(s) ft		Void(s) encountered (Y	N depths		
Coal depth(s) ft 8710		Cavern(s) encountered (Y/N) depths_		
Is coal being mined in area (VN)					
		_		Revi	iewed by:

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API 47- 051	_ 01477	Farm nan	ne_Jack D. Luce	ey	Well	number_Lucey	/ 2H	
CASING STRINGS	Hole Casing		N	New or Grade		Basket D	Did cement circulate (Y/ N) * Provide details below*	
Surface								
Coal								
Intermediate 1								
Intermediate 2								
Intermediate 3								
Production								
Tubing								
Packer type and de	epth set							
Comment Details	The 5.5" casing had p	reviously been cemented in	nternally to surface. The ce	ment was drilled ou	it with a 4 1/2" bit to 1203	. See attachment that ex	plains rework procedural details.	
CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks	Volume) (<u>ft ³</u>)	Cement Top (MD)	WOC (hrs)	
Conductor								
Surface								
Coal								
Intermediate 1								
Intermediate 2								
Intermediate 3								
Production								
Tubing								
	tion penetrated _cedure		Plu		t)			
Check all wire	101	□ caliper □ neutron		deviated/di gamma ray		duction emperature	osonic RECEIVED Office of Oil and G	
Well cored	Yes 🗆 No	Convention	al Sidewall		Were cuttings	collected Ye	es - NgAN 23201	
DESCRIBE TI	HE CENTRALI	ZER PLACEMEN	NT USED FOR EA	ACH CASIN			WV Departmental Pro	
						,	Environmen	
WAS WELL C	COMPLETED A	S SHOT HOLE	□ Yes □ No	DETAI	LS			
WAS WELL C	COMPLETED O	PEN HOLE?	□ Yes □ No	DETAILS				
WERE TRACI	ERS USED 🗆	Yes □ No	TYPE OF TRAC	ER(S) USEI	0			

Page	of_

API 47- 051 - 01477 Farm name_Jack D. Lucey Well number_Lucey 2H
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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
		· .		<u>-</u>	
		_			
		<u> </u>			
			·		
		<u> </u>			

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)
		,,			1022 (1.2.1)			
			-					
					-			
				1				
				1				
						1		
					_			
							Off	RECEIVED ice of Oil and Gas
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								NAV Department of ironmental Protection
							En	ronmental
					_			
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Please insert additional pages as applicable.

WR-35 Page ___ of ___ Rev. 8/23/13 API 47- 051 01477 Farm name Jack D. Lucey Well number Lucey 2H PRODUCING FORMATION(S) DEPTHS TVD MD Please insert additional pages as applicable. **GAS TEST** □ Build up □ Drawdown □ Open Flow OIL TEST □ Flow □ Pump SHUT-IN PRESSURE Surface psi Bottom Hole psi DURATION OF TEST hrs **OPEN FLOW** Oil NGL Water Gas GAS MEASURED BY mcfpd _____ bpd ____ bpd □ Estimated □ Orifice □ Pilot bpd LITHOLOGY/ **BOTTOM** TOP воттом TOP DEPTH IN FT DEPTH IN FT DEPTH IN FT DESCRIBE ROCK TYPE AND RECORD QUANTITY AND **FORMATION DEPTH IN FT** NAME TVD TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC) Please insert additional pages as applicable. Drilling Contractor _____ City _____ State ____ Zip ____ Address Logging Company _____ Address _____ State ___ Zip ___ RECEIVED _____ Office of Oil and Gas City State Zip WV Department of Environmental Protection Cementing Company _____ Stimulating Company _____ _____ City _____ State ____ Zip _____ Please insert additional pages as applicable.

Completed by _____ Telephone ______
Signature _____ Title _____ Date _____