

WELL LOGS

K Z

API number:	30-025-38906	
OGRID:		Operator: CHESAPEAKE OPERATING INC
		Property: LOST TANK 16 STATE # 1

surface	ULSTR: M	16	T 21S	R 32E
		330 FSL	330 FWL	

BH Loc	ULSTR: M	16	T 21S	R 32E
		330 FSL	330 FWL	

Ground Level:	**Conf**	DF:	**Conf**	KB:	**Conf**
Datum:	KB			TD:	8700

Land: STATE

Completion Date: (1) 9/28/2008

Date Logs Received: 10/24/2008 ***LATE***

Date Logs Due in: (2) 10/18/2008

Confidential:	NO			Date out:	
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
DSN/SDL	**Conf**	**Conf**	Spectral Density Dual Spaced Neutron
ACRT	**Conf**	**Conf**	Dual Laterolog Micro Guard Log

K Z

OCD TOPS

Rustler	**Conf**	Strawn		
Tansill	**Conf**	Atoka		
Yates	**Conf**	Morrow		
	Conf			
	Conf	Austin		
Delaware	**Conf**	Chester		
Delaware Lm	**Conf**	Miss Lime		
Delaware Sd	**Conf**			
Bell Canyon	**Conf**			
Cherry Canyon	**Conf**			
Brushy Canyon	**Conf**			
Bone Spring	**Conf**			
1st Sd				
2nd Carb				
2nd Sd				
3rd Carb				
3rd Sd				
Wolfcamp				

30-025-38906

Directional Survey

Chesapeake Operating, Inc.

Well ID: 615821

Well Name: Lost Tank 16 State 1

Field: New Mexico

330/S + 330/W

Sect: 16 Town: 21S Rng: 32E County: Lea State: NM

Survey	Measured				Coordinates			Vertical	Dog Leg
Type	Depth	Inclination	Azimuth	TVD	N-S	E-W	Closure	Section	Severity
Wellbore:	Original Well Bore	Plane of Vertical Section:				0.0			
** Tieln	0 0	0 00	0.0	0 0	N 0.0	E 0.0		0.0	
INC-T	234.0	0 50			N 0.0	E 0.0			
INC-T	505.0	0 25			N 0.0	E 0.0			
INC-T	835.0	0 25			N 0.0	E 0.0			
INC-T	1,122.0	0 25			N 0.0	E 0.0			
INC-T	1,208.0	2.75			N 0.0	E 0.0			
INC-D	1,343.0	1.90			N 0.0	E 0.0			
INC-D	1,438.0	0 60			N 0.0	E 0.0			
INC-D	1,566.0	0 20			N 0.0	E 0.0			
INC-D	1,694.0	0 20			N 0.0	E 0.0			
INC-D	1,998.0	0 70			N 0.0	E 0.0			
INC-D	2,124.0	0 90			N 0.0	E 0.0			
INC-D	2,283.0	0 80			N 0.0	E 0.0			
INC-D	2,504.0	1.90			N 0.0	E 0.0			
INC-D	2,599.0	2.60			N 0.0	E 0.0			
INC-D	2,694.0	1.90			N 0.0	E 0.0			
INC-D	2,725.0	1.70			N 0.0	E 0.0			
INC-T	2,743.0	2.25			N 0.0	E 0.0			
INC-D	2,852.0	2.70			N 0.0	E 0.0			
INC-D	2,915.0	2 50			N 0.0	E 0.0			
INC-D	2,947.0	3.50			N 0.0	E 0.0			
INC-D	2,973.0	2.60			N 0.0	E 0.0			
INC-D	3,005.0	2.10			N 0.0	E 0.0			
INC-D	3,036.0	2.90			N 0.0	E 0.0			
INC-D	3,068.0	2.20			N 0.0	E 0.0			
INC-D	3,099.0	2.60			N 0.0	E 0.0			
INC-D	3,131.0	2 20			N 0.0	E 0.0			
INC-D	3,195.0	2.40			N 0.0	E 0.0			
INC-D	3,258.0	2.30			N 0.0	E 0.0			
INC-D	3,298.0	1.50			N 0.0	E 0.0			
INC-D	3,321.0	2.40			N 0.0	E 0.0			
INC-D	3,353.0	2.30			N 0.0	E 0.0			
INC-D	3,385.0	2.00			N 0.0	E 0.0			
INC-D	3,447.0	2.10			N 0.0	E 0.0			
INC-D	3,479.0	1.70			N 0.0	E 0.0			
INC-D	3,542.0	2.30			N 0.0	E 0.0			
INC-D	3,606.0	2.10			N 0.0	E 0.0			
INC-D	3,669.0	3 00			N 0.0	E 0.0			
INC-D	3,733.0	3.20			N 0.0	E 0.0			
INC-D	3,766.0	3.70			N 0.0	E 0.0			
INC-D	3,798.0	3.40			N 0.0	E 0.0			

INC-D	3,837.0	2.30			N 0.0	E 0.0			
INC-D	3,869.0	3.20			N 0.0	E 0.0			
INC-D	3,899.0	2.10			N 0.0	E 0.0			
INC-D	3,933.0	3.20			N 0.0	E 0.0			
INC-D	3,965.0	3.20			N 0.0	E 0.0			
INC-D	3,997.0	3.00			N 0.0	E 0.0			
INC-D	4,029.0	1.90			N 0.0	E 0.0			
INC-D	4,060.0	1.70			N 0.0	E 0.0			
INC-D	4,092.0	1.40			N 0.0	E 0.0			
INC-D	4,156.0	1.10			N 0.0	E 0.0			
INC-D	4,220.0	0.70			N 0.0	E 0.0			
INC-D	4,284.0	1.10			N 0.0	E 0.0			
INC-D	4,420.0	1.20			N 0.0	E 0.0			
INC-D	4,482.0	1.40			N 0.0	E 0.0			
INC-D	4,720.0	1.20			N 0.0	E 0.0			
INC-T	4,973.0	1.20			N 0.0	E 0.0			
INC-D	5,005.0	1.00			N 0.0	E 0.0			
INC-D	5,162.0	0.50			N 0.0	E 0.0			
INC-D	5,288.0	0.60			N 0.0	E 0.0			
INC-D	5,416.0	0.40			N 0.0	E 0.0			
INC-D	5,544.0	0.60			N 0.0	E 0.0			
INC-D	5,864.0	0.70			N 0.0	E 0.0			
INC-D	6,180.0	0.70			N 0.0	E 0.0			
INC-D	6,499.0	0.60			N 0.0	E 0.0			
INC-D	6,850.0	0.40			N 0.0	E 0.0			
INC-D	7,136.0	0.00			N 0.0	E 0.0			
INC-D	7,425.0	0.10			N 0.0	E 0.0			
INC-D	7,774.0	1.00			N 0.0	E 0.0			
INC-D	8,063.0	1.20			N 0.0	E 0.0			
INC-D	8,254.0	1.00			N 0.0	E 0.0			
INC-D	8,574.0	0.50			N 0.0	E 0.0			
INC-D	8,658.0	0.70			N 0.0	E 0.0			

Calculations use Minimum Curvature Method