

WELL LOGS

K Z

API number:	30-025-38025	
OGRID:		Operator: CHESAPEAKE OPERATING INC
		Property: LE 35 STATE # 2

surface	ULSTR: I	35	T	16S	R	37E
		2255	FSL	898	FEL	

BH Loc	ULSTR: I	35	T	16S	R	37E
		2255	FSL	898	FEL	

Ground Level:	3768	DF:	3490	KB:	3791	
Datum:	KB			TD:	11850	

Land: STATE

Completion Date: (1) 10/11/2007

Date Logs Received: 10/22/2007

Date Logs Due in: (2)

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	190	11832	Spectral Density Dual Spaced Neutron
DLL/MGRD	8000	11832	Dual Laterolog Micro Guard Log
ACRT	4946	11832	Array Compensated Resistivity Tool

K Z

OCD TOPS

Rustler	2106	Strawn	11592		
Tansill		Atoka			
Yates	3306	Morrow			
7R	3602				
T. Bowers Sd					
B. Bowers Sd					
Queen	4260				
Penrose					
Grayburg	4490				
San Andres	4934				
Glorieta	6516				
Tubb	8170				
Drinkard	8484				
Abo					
Bone Spring	9390				
Wolfcamp					
Penn	11206				

GWW

INCLINATION REPORT

FIELD NAME Knowles; Drinkard, West		LEASE NAME LE State 35 #2	
OPERATOR Chesapeake Operating Inc.			
ADDRESS 2010 Rankin Highway, Midland, TX 79701			
LOCATION (Section, Block, and Survey) Sec 35, T16S, R37E			County Lea

RECORD OF INCLINATION

Measured Depth (feet)	Course Length (Hundreds of feet)	Angle of Inclination (Degrees)	Displacement per 100 feet (Sine of Angle x 100)	Course Displacement (Feet)	Accumulative Displacement (Feet)
427	427	1.25	2.18	9.31	9.31
1,323	896	0.25	0.44	3.91	13.22
2,262	939	0.25	0.44	4.10	17.32
3,202	940	1.00	1.75	16.41	33.73
4,143	941	0.50	0.87	8.21	41.94
5,135	992	0.60	1.05	10.39	52.33
6,074	939	0.50	0.87	8.19	60.52
7,013	939	0.80	1.40	13.11	73.63
7,744	731	0.50	0.87	6.38	80.01
8,742	998	1.00	1.75	17.42	97.43
9,729	987	2.30	4.01	39.61	137.04
10,521	792	3.00	5.23	41.45	178.49
11,012	491	3.70	6.45	31.69	210.17

Accumulative total displacement of well bore at total depth of
Inclination measurements were made in ☐ Tubing

11,012 feet = 210.17 feet

☐ Casing

☐ Open Hole

☒ Drill Pipe

Inclination Data Certification

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.



10-31-07

~~9/26/07~~

Signature of Authorized Representative

Date

Mark Cochran CFO

Name of Person and Title

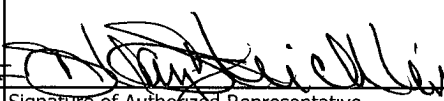
Latshaw Drilling Company, LLC

Name of Company

Telephone: 918-355-4380

Inclination Data Certification

I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge.



11/2/07

Signature of Authorized Representative

Date

Shay Stricklin Regulatory Tech.

Name of Person and Title

Chesapeake Operating Inc

Operator

Telephone: 432-687-2992