

RyanUSA

Ryan Planning Report

Company: Chesapeake Operating Inc. Field: Lea County Site: Chesapeake 00 Warehouse 2-10 Well: Chesapeake 00 Warehouse 2-10 Wellpath: OH	Date: 6/15/2000 Co-ordinate(NE) Reference: Well: Chesapeake 00 Warehouse 2-10 Vertical (TVD) Reference: SITE 3925.0 above Mean Sea Level Section (VS) Reference: Well (0.0E,0.0N,159.5Azi) Survey Calculation Method: Minimum Curvature	Time: 17:08:26 Page: 1
--	--	---

Plan: Plan #1 Principal: Yes	Date Composed: 6/15/2000 Version: 1 Locked: No
---	---

Field: Lea County New Mexico USA Map System: US State Plane Coordinate System 1927 Ellipsoid: Clarke - 1866 Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone North Reference: Grid Geomagnetic Model: igrf2000
--	---

Site: Chesapeake 00 Warehouse 2-10			
S/2 NE/4 Section 10-16S-36E			
1172 FNL 2445 FEL			
Site Position:	From: Map	Northing: 706690.00 ft	Latitude: 32 56 19.742 N
		Easting: 804585.00 ft	Longitude: 103 20 26.010 W
Position Uncertainty: 0.00 ft			Magnetic Declination: 8.82 deg
Water Depth: 0.00 ft			Grid Convergence: 0.54 deg

Well: Chesapeake 00 Warehouse 2-10			
Lea County, New Mexico			
Well Position: +N/-S 0.00 ft	Northing: 706690.00 ft	Latitude: 32 56 19.742 N	
From Slot: +E/-W 0.00 ft	Easting: 804585.00 ft	Longitude: 103 20 26.010 W	
Position Uncertainty: 0.00 ft			

Wellpath: OH	Drilled From: Surface
	Tie-on Depth: ft
Vertical Section: +N/-S 0.00 ft	V.Section Direction: 159.48 deg
From: Well +E/-W 0.00 ft	
Measured Depth Reference: SITE	Above System Datum: Mean Sea Level

Annotation

MD	TVD
----	-----

Casing Points

MD ft	TVD ft	Diameter in	Name
450.00	450.00	13.375	13 3/8"
4850.00	4850.00	9.625	9 5/8"

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4850.00	4850.00	San Andres	UNKNOWN	0.00	0.00
6438.00	6438.00	Glorieta	UNKNOWN	0.00	0.00
7006.00	7006.00	Paddock	UNKNOWN	0.00	0.00
7629.00	7629.00	Tubb	UNKNOWN	0.00	0.00
8338.00	8338.00	Abo	UNKNOWN	0.00	0.00
9754.14	9750.00	Wolfcamp	UNKNOWN	0.00	0.00
11175.09	11094.00	Cisco	UNKNOWN	0.00	0.00
11745.49	11630.00	Strawn	UNKNOWN	0.00	0.00
11866.80	11744.00	Atoka	UNKNOWN	0.00	0.00

Targets

Name	Dip deg	Direction deg	TVD ft	+N/-S ft	+E/-W ft	Map Unit Northing ft	Map Unit Easting ft	← Latitude → Deg Min Sec	← Longitude → Deg Min Sec
Strawn			11630.00	-668.00	250.00	706022.00	804835.00	32 56 13.109 N	103 20 23.151 W
-Circle (Radius: 75)									
-Plan hit target									

