

Chesapeake Operating Inc.

**Chesapeake 00 Warehouse 2-10
Lea County, New Mexico**

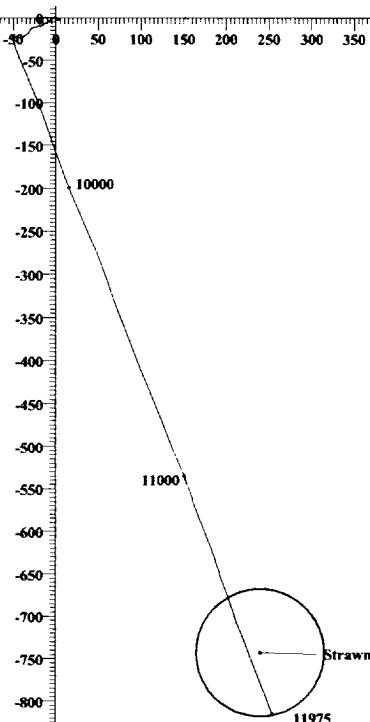
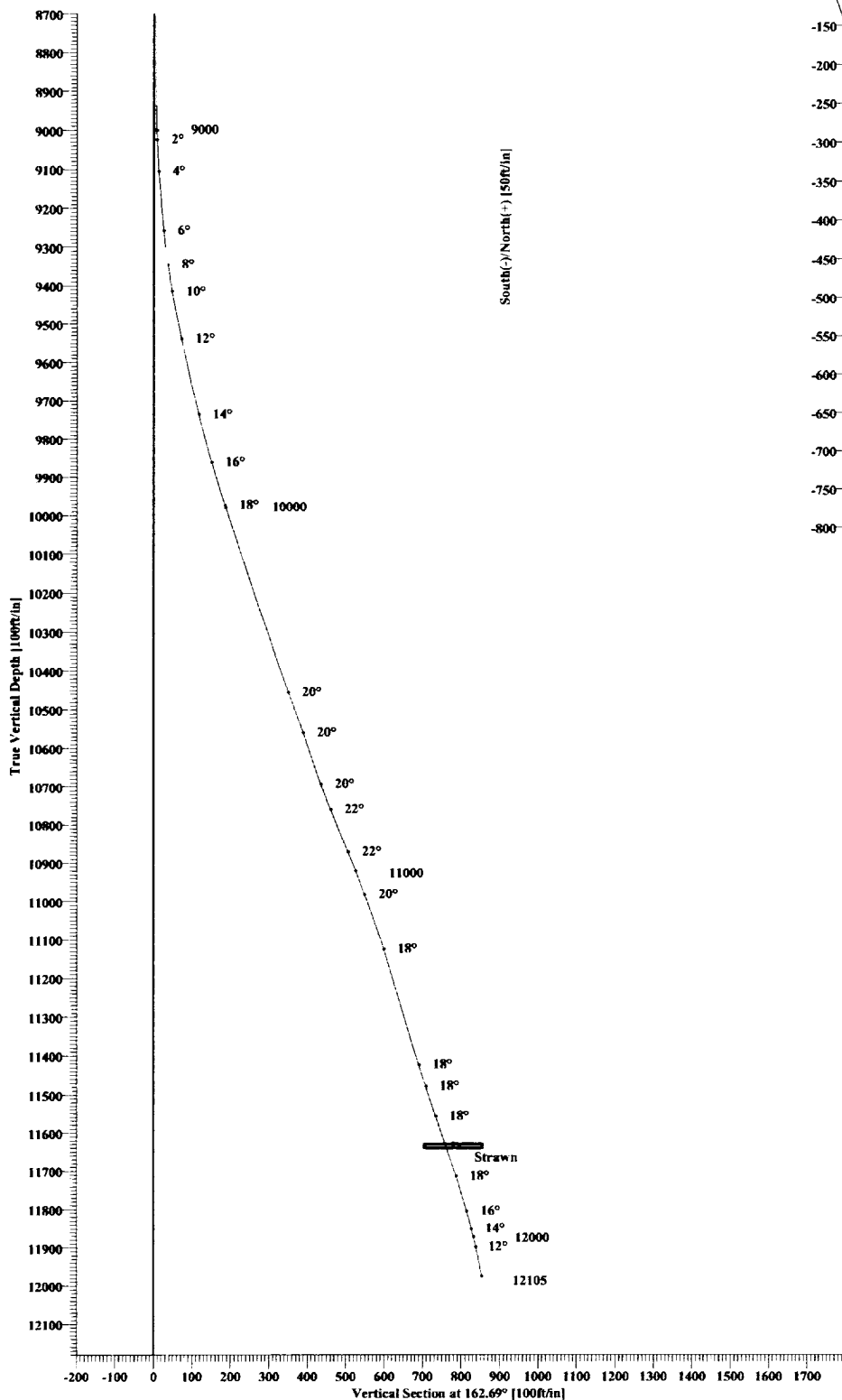
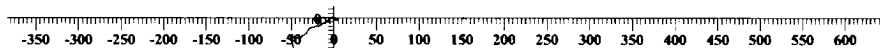


All Angles Relative
To Grid North
Grid North: 0.00
True North: -0.54
Magnetic North: 8.27



Ryan Energy Technologies USA Inc.

AS DRILLED



FORMATION TOP DETAILS

No.	TVDPPath	MDPath	Formation
1	4850.00	4850.22	San Andres
2	6438.00	6438.29	Glorieta
3	7006.00	7006.33	Paddock
4	7629.00	7629.35	Tubb
5	8338.00	8338.37	Abo
6	9750.00	9760.62	Wolfcamp
7	11094.00	11184.86	Cisco
8	11630.00	11747.13	Strawn
9	11744.00	11867.26	Atoka

FIELD DETAILS

Lea County
New Mexico
USA

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: Clarke - 1866
Zone: New Mexico, Eastern Zone
Magnetic Model: igrf2000
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS

Chesapeake 00 Warehouse 2-10
S/2 NE/4 Section 10-16S-36E
1172 FNL 2445 FEL

Site Centre Easting: 804345.00
Northing: 707433.00

Water Depth: 0.00
Positional Uncertainty: 0.00
Magnetic Declination: 8.81
Convergence: 0.54

WELLPATH DETAILS

OH

Vertical Section Origin: Slot - (0.00,0.00)
Vertical Section Angle: 162.69°

Rig:
Depth Reference: SITE 3925.00ft

Wellpath: (Chesapeake 00 Warehouse 2-10/OH)

Created By: RyanUSA

Date: 11/16/2000