

AK

A Gyrodatta Directional Survey
Field Copy Only, not definitive
for
DEVON ENERGY

Location: WEATHERFORD, SAN JUAN CO. NM., Lease
#SF 078970 Well: N.E.B.U. #240 PC, 2-3/8" TUBING

30-045-33495

Job Number: MD0307G_137

Run Date: 3/2/2007

Surveyor: MARK BORINO, JAMES BUTLER

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 36.903611 deg. N Longitude: 107.508889 deg. W

Azimuth Correction:

Gyro: Bearings are Relative to True North

RCVD MAR5'07

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

OIL CONS. DIV.

DIST. 3

Per A.N. : standard location

A Gyrodata Directional Survey

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MEASURED DEPTH feet	INCL deg.	AZIMUTH deg.	DOGLEG SEVERITY deg./100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. feet	AZIMUTH deg.	HORIZONTAL COORDINATES feet
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0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.00 N 0.00 E
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0 TO 3657 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 2-3/8" TUBING ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO GROUND LEVEL

200.00	3.68	191.60	1.84	199.86	6.4	191.6	6.30 S 1.29 W
400.00	5.73	187.76	1.03	399.18	22.8	189.9	22.48 S 3.93 W
600.00	4.25	185.94	0.74	598.41	40.2	188.7	39.75 S 6.05 W
800.00	3.28	185.35	0.49	797.98	53.3	187.9	52.82 S 7.35 W
1000.00	2.70	192.34	0.34	997.71	63.7	188.0	63.11 S 8.89 W
1200.00	1.31	200.72	0.70	1197.58	70.7	188.7	69.85 S 10.70 W
1400.00	0.90	180.97	0.28	1397.54	74.5	188.9	73.56 S 11.54 W
1600.00	0.77	196.02	0.13	1597.52	77.3	188.9	76.42 S 11.94 W
1800.00	0.84	198.69	0.04	1797.50	80.1	189.2	79.10 S 12.78 W
2000.00	0.81	220.16	0.15	1997.48	82.8	189.8	81.57 S 14.16 W
2200.00	0.89	271.85	0.37	2197.46	84.3	191.4	82.61 S 16.62 W
2400.00	1.10	270.04	0.11	2397.43	85.0	193.7	82.56 S 20.08 W
2600.00	0.94	281.38	0.13	2597.40	85.6	196.0	82.23 S 23.60 W
2800.00	0.57	241.35	0.31	2797.39	86.4	197.6	82.39 S 26.07 W
3000.00	0.81	271.57	0.22	2997.37	87.5	198.9	82.83 S 28.37 W
3200.00	0.92	234.73	0.28	3197.35	89.3	200.4	83.72 S 31.10 W
3400.00	2.30	247.87	0.71	3397.27	93.4	202.8	86.16 S 36.14 W
3600.00	1.59	263.41	0.44	3597.15	97.8	205.8	87.99 S 42.60 W
3657.00	1.91	266.46	0.59	3654.13	98.7	206.7	88.14 S 44.33 W

Final Station Closure: Distance: 98.66 ft Az: 206.70 deg.

Surfact 1160' FNC 1315' FNC
BH 1248' FNC 1270' FNC