

DISTRICT I

1025 N. FRANCH DR., HOBBBS, NM 88240

DISTRICT II

1901 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

[] AMENDED REPORT

API Number 30-015-3513	Pool Code 96464	Pool Name Corral Canyon, Delaware, Northwest
Property Code	Property Name KARLSBAD CORRAL 2	Well Number #8-H
UGRID No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION COMPANY	Elevation 3018'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	2	25-S	29-E		2510	SOUTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	2	25-S	29-E		351	NORTH	661	WEST	EDDY

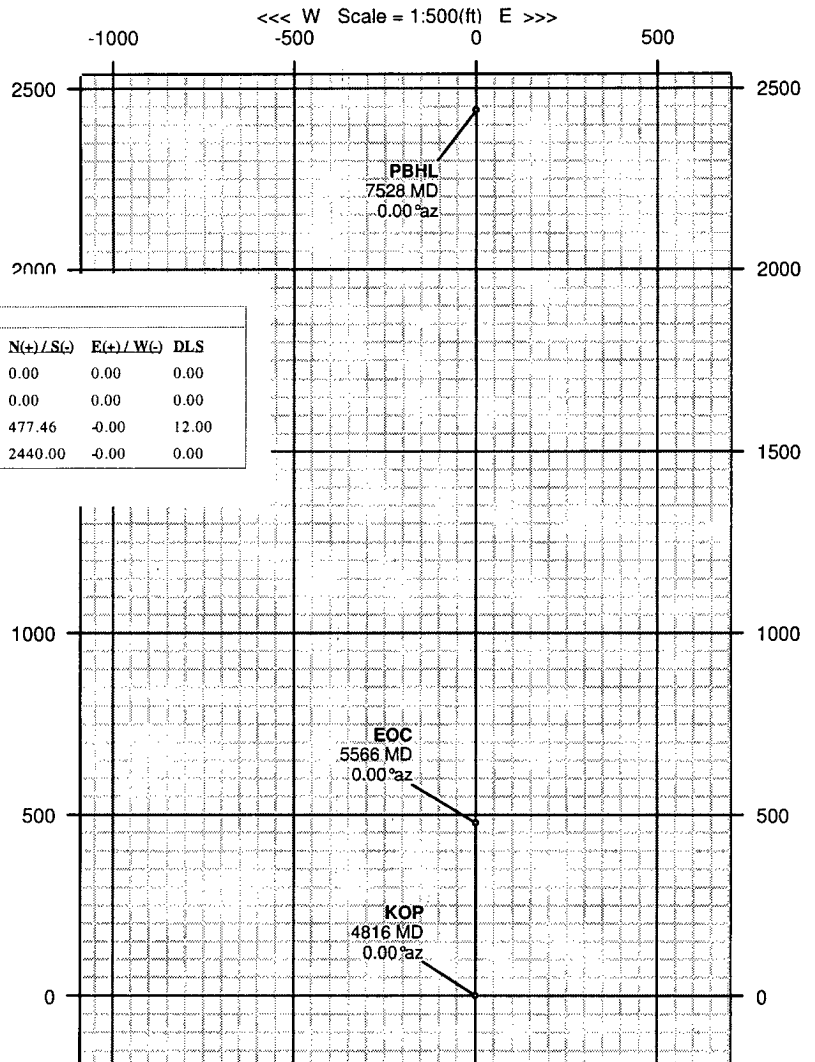
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BOTTOM HOLE LOCATION Y=424110.0 N X=615192.9 E GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=421670.1 N X=615192.8 E LAT.=32.158740° N LONG.=103.961096° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>J. Alan Grooms</i> 8/24/06 Signature Date J. Alan Grooms Printed Name SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. AUGUST 18, 2006 Date Surveyed GARY EIDSON LA Signature & Seal of Professional Surveyor <i>Gary Eidson</i> 8/23/06 06-11-1342 Certified to No. GARY EIDSON 12041
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Southwestern Energy

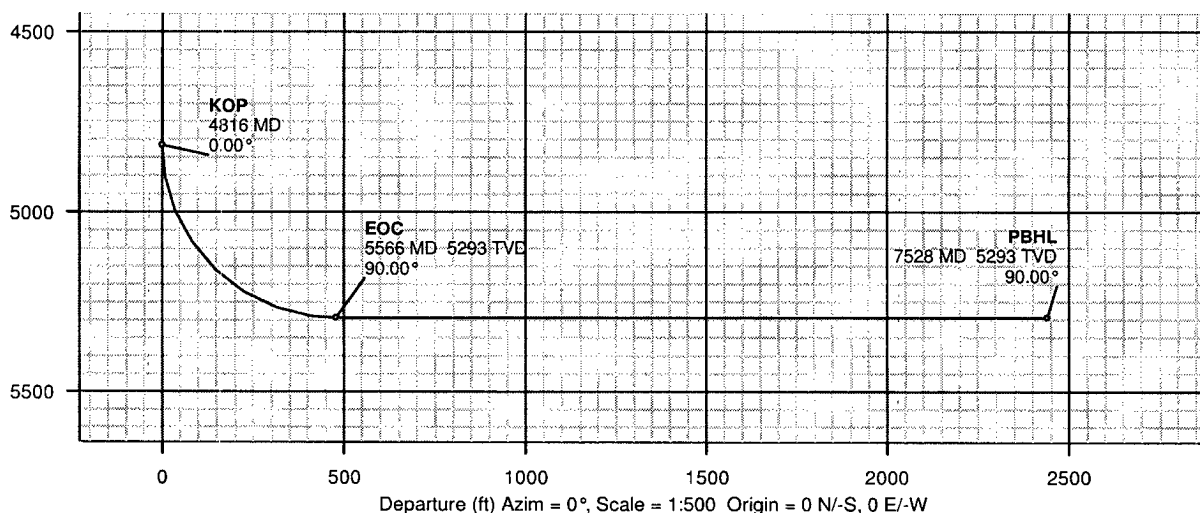
WELL Karlsbad Corral 2 #8-H	FIELD Eddy County, NM	STRUCTURE Karlsbad Corral 2 #8-H
Magnetic Parameters Model: IGRF 2005 Dip: 60.404° Date: August 16, 2008 Mag Dec: +8.438° FS: 49204.7 nT	Surface Location Lat: N32 27 58.536 Northing: 533340.44 IUS Grid Conv: +0.01875231° Lon: W104 17 54.240 Easting: 510773.99 IUS Scale Fact: 0.9999992238	Miscellaneous Slot: Karlsbad Corral 2 #8-H TVD Ref: RKB (0.00 ft above) Plan: KC 2 #8-H r1 Srvy Date: Wed 05:28 PM August 16, 2006



Critical Points								
Critical Point	MD	INCL	AZIM	TVD	YSEC	N(+) / S(-)	E(+) / W(-)	DLS
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP	4815.54	0.00	0.00	4815.54	0.00	0.00	0.00	0.00
EOC	5565.54	90.00	0.00	5293.00	477.46	477.46	-0.00	12.00
PBHL	7528.07	90.00	0.00	5293.00	2440.00	2440.00	-0.00	0.00



INTREPID
Directional Drilling Specialists



Proposal

Report Date: August 16, 2006 Client: Southwestern Energy Field: Eddy County, NM Structure / Slot: Karlsbad Corral 2 #8-H / Karlsbad Corral 2 #8-H Well: Karlsbad Corral 2 #8-H Borehole: Karlsbad Corral 2 #8-H UWI/API#: Survey Name / Date: KC 2 #8-H_r1 / August 16, 2006 Tort / AHD / DDI / ERD ratio: 90.000° / 2440.00 ft / 5.495 / 0.461 Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet Location Lat/Long: N 32 27 58.536, W 104 17 54.240 Location Grid N/E Y/X: N 533340.441 ftUS, E 510773.991 ftUS Grid Convergence Angle: +0.01875231° Grid Scale Factor: 0.99990922	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 0.000° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 0.0 ft relative to Sea Bed / Ground Level Elevation: 0.000 ft relative to Magnetic Declination: 8.498° Total Field Strength: 49204.743 nT Magnetic Dip: 60.404° Declination Date: August 16, 2006 Magnetic Declination Model: IGRF 2005 North Reference: Grid North Total Corr Mag North -> Grid North: +8.479° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00M
KOP	4815.54	0.00	0.00	4815.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00M
	4900.00	10.14	0.00	4899.56	7.45	7.45	0.00	7.45	0.00	12.00	0.00G
	5000.00	22.14	0.00	4995.45	35.19	35.19	0.00	35.19	0.00	12.00	0.00G
	5100.00	34.14	0.00	5083.47	82.26	82.26	0.00	82.26	0.00	12.00	0.00G
	5200.00	46.14	0.00	5159.78	146.60	146.60	0.00	146.60	0.00	12.00	0.00G
	5300.00	58.14	0.00	5221.05	225.41	225.41	0.00	225.41	0.00	12.00	0.00G
	5400.00	70.14	0.00	5264.59	315.23	315.23	0.00	315.23	0.00	12.00	0.00G
	5500.00	82.14	0.00	5288.51	412.14	412.14	0.00	412.14	0.00	12.00	0.00G
EOC	5565.54	90.00	0.00	5293.00	477.46	477.46	0.00	477.46	0.00	12.00	0.00G
PBHL	7528.07	90.00	0.00	5293.00	2440.00	2440.00	0.00	2440.00	0.00	0.00	0.00G