

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 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 JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-34936	Pool Code 96464	Pool Name Corral Canyon, Delaware, NW
Property Code	Property Name KARLSBAD CORRAL 2	Well Number 7-H
OGRID No.	Operator Name SOUTHWESTERN ENERGY PRODUCTION COMPANY	Elevation 3026'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	2	25-S	29-E		2510	SOUTH	1980	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
3	2	25-S	29-E		333	NORTH	1981	WEST	EDDY

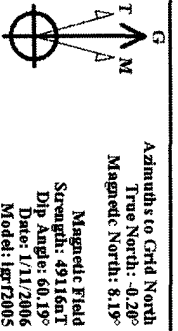
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

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

LOT 4 LOT 3 LOT 2 LOT 1 1981' 333' B.H. GRID. AZ 00°00'05" HD = 2460.6' 3032.8' 3028.8' 600' SURF 3021.7' 3027.1' 2510' BOTTOM HOLE LOCATION Y=424132.8 N X=616512.5 E Project Area Producing Area GEODETIC COORDINATES NAD 27 NME SURFACE HOLE LOCATION Y=421672.8 N X=616512.5 E LAT.=32°09'31.45" N LONG.=103°57'24.59 W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>[Signature]</i> Signature <i>[Printed Name]</i> Printed Name <i>[Title]</i> Title <i>[Date]</i> Date 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. JANUARY 4, 2006 Date Surveyed Signature & Seal of Professional Surveyor <i>[Signature]</i> 06.11.0012 Certificate No. GARY EIDSON 12641
--	---

Southwestern Energy

Field: Eddy County, NM
Site: Karlsbad Corral
Well: Karlsbad Corral 2 #7-H
Wellpath: OH
Plan: Plan #1



WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Spot
Karlsbad Corral 2 #7-H	0.00	0.00	421672.81	616512.52	32°09'31.44"N	103°57'24.59"W	N/A

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	5317.00	2460.00	0.00	424132.81	616512.52	Point

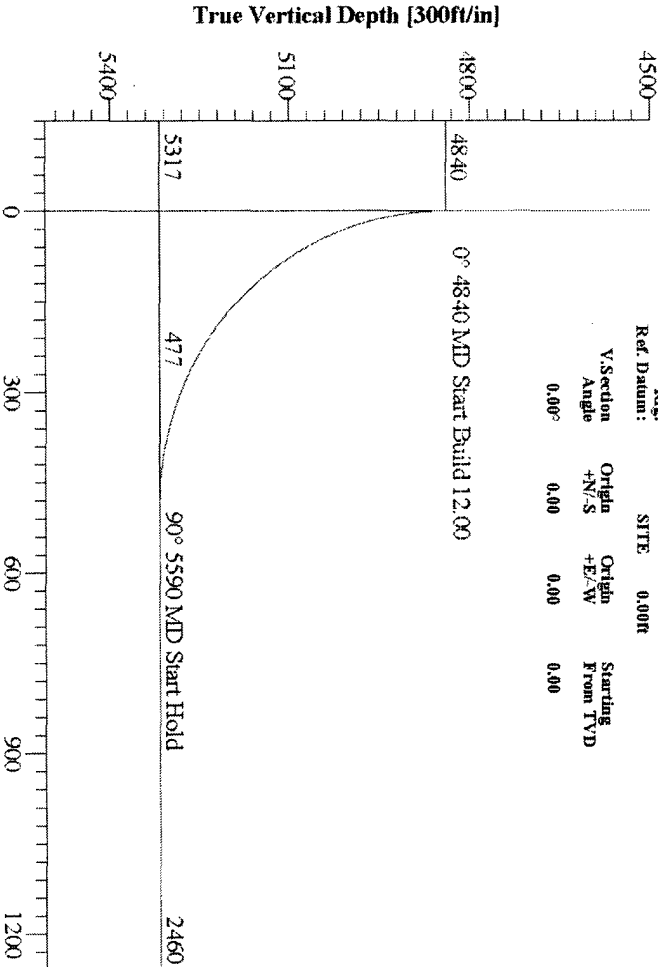
SECTION DETAILS

Sec	MD	Inc	Ad	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4839.54	0.00	0.00	4839.54	0.00	0.00	0.00	0.00	477.46	
3	5589.54	0.00	0.00	5317.00	477.46	0.00	12.00	0.00	2460.00	PBHL
4	7572.08	0.00	0.00	5317.00	2460.00	0.00	0.00	0.00		

WELLPATH DETAILS

OH

Rgt:	Ref Datum:	SITE	0.00ft
V-Section Angle	Origin +N/-S	Origin +E/-W	Starting From TVD
0.00°	0.00	0.00	0.00



Vertical Section at 0.00° [300ft/in]

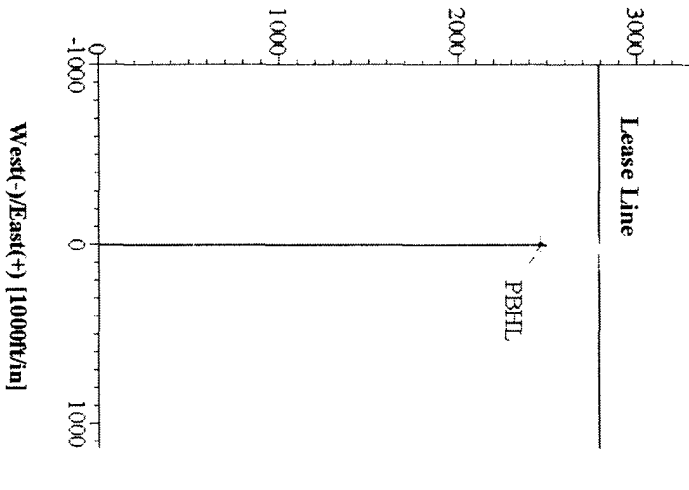
PATHFINDER ENERGY SERVICES

FIELD DETAILS

Eddy County, NM
USA

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: IgrF2005
System Datum: Mean Sea Level
Local North: Grid North

South(-)/North(+) [1000ft/in]



Plan: Plan #1 (Karlsbad Corral 2 #7-H) OH

Created By: Kurt Otto

Date: 1/11/2006

PathFinder Energy Services

PathFinder X & Y Report

Company: Southwestern Energy	Date: 1/11/2006	Time: 14:45:58	Page: 1
Field: Eddy County, NM	Co-ordinate(NE) Reference:	Well: Karlsbad Corral 2 #7-H, Grid North	
Site: Karlsbad Corral	Vertical (TVD) Reference:	SITE 0.0	
Well: Karlsbad Corral 2 #7-H	Section (VS) Reference:	Well (0.00N,0.00E,0.00Azi)	
Wellpath: OH	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Plan: Plan #1	Date Composed: 1/11/2006
Principal: Yes	Version: 1
	Tied-to: From Surface

Field: Eddy County, NM

USA

Map System: US State Plane Coordinate System 1927

Geo Datum: NAD27 (Clarke 1866)

Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone

Coordinate System: Well Centre

Geomagnetic Model: igr2005

Well: Karlsbad Corral 2 #7-H

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 421672.81 ft	Latitude: 32 9 31.447 N
	+E/-W 0.00 ft	Easting: 616512.52 ft	Longitude: 103 57 24.592 W
Position Uncertainty:	0.00 ft		

Wellpath: OH

Current Datum: SITE	Height 0.00 ft
Magnetic Data: 1/11/2006	
Field Strength: 49116 nT	
Vertical Section: Depth From (TVD)	+N/-S ft
	ft
0.00	0.00

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 8.39 deg
Mag Dip Angle: 60.19 deg
+E/-W ft
Direction deg
0.00

Casing Points

MD	TVD	Diameter	Hole Size	Name

Targets

Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec				
PBHL			5317.00	2460.00	0.00	424132.81	616512.52	32	9	55.792	N	103	57	24.492	W

Annotation

MD	TVD

Formations

MD	TVD	Formations	Lithology	Dip Angle	Dip Direction

Plan Section Information

MD	Incl	Azim	TVD	+N/-S	+E/-W	DLS	Build	Turn	TFO	Target
ft	deg	deg	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	deg	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4839.54	0.00	0.00	4839.54	0.00	0.00	0.00	0.00	0.00	0.00	
5589.54	90.00	0.00	5317.00	477.46	0.00	12.00	12.00	0.00	0.00	
7572.08	90.00	0.00	5317.00	2460.00	0.00	0.00	0.00	0.00	0.00	PBHL

PathFinder Energy Services

PathFinder X & Y Report

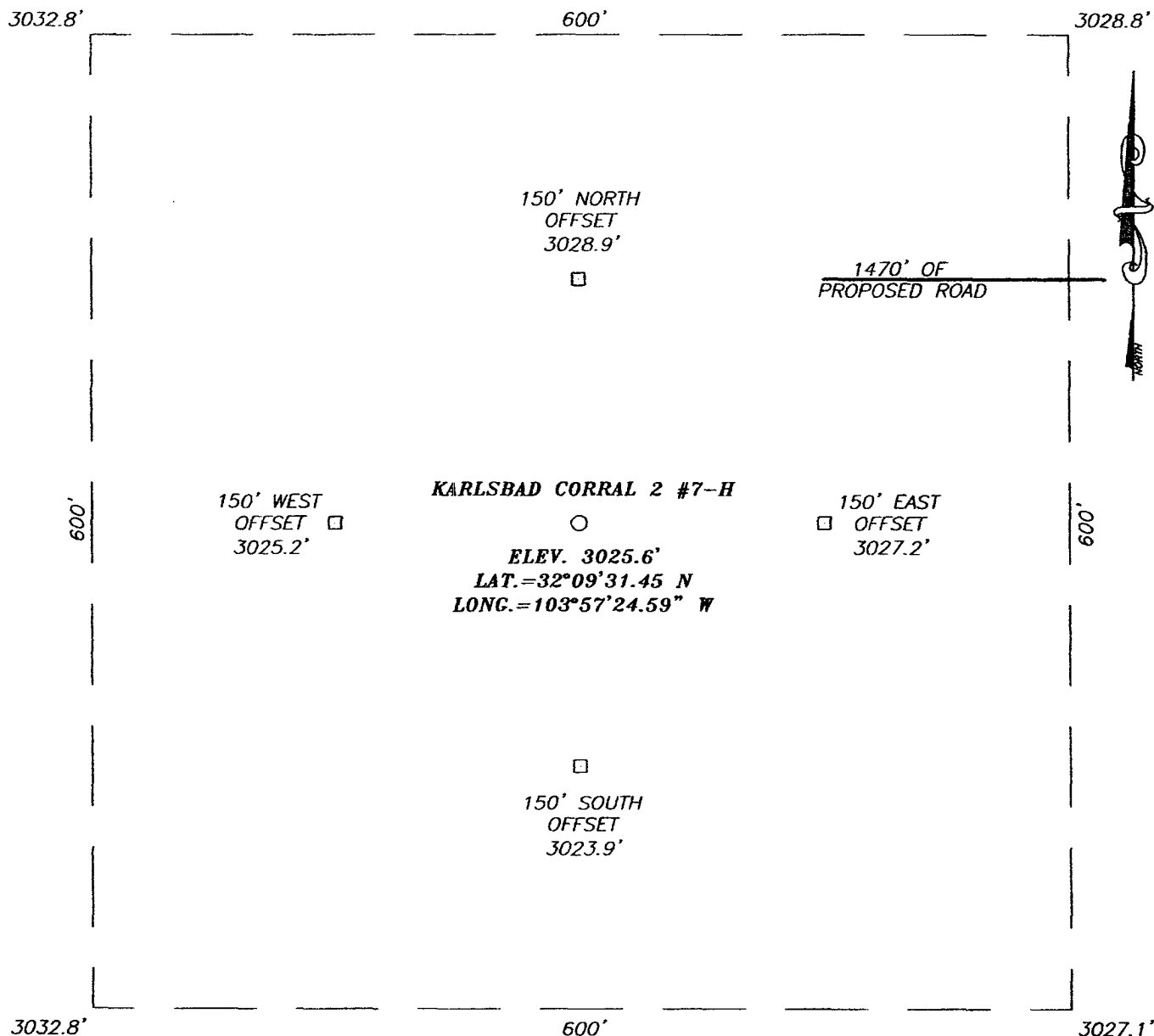
Company: Southwestern Energy
 Field: Eddy County, NM
 Site: Karlsbad Corral
 Well: Karlsbad Corral 2 #7-H
 Wellpath: OH

Date: 1/11/2006 Time: 14:45:58 Page: 2
 Co-ordinate(NE) Reference: Well: Karlsbad Corral 2 #7-H, Grid North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

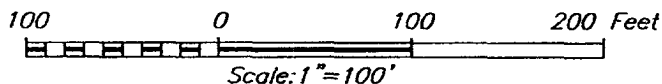
MD ft	Incl deg	Azim deg	TVD ft	Subsea ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	MapN ft	MapE ft	Tool/Comment
4839.00	0.00	0.00	4839.00	4839.00	0.00	0.00	0.00	0.00	421672.81	616512.52	Pathfind
4939.00	11.94	0.00	4938.28	4938.28	10.32	10.32	0.00	11.94	421683.13	616512.52	Pathfind
5039.00	23.94	0.00	5033.25	5033.25	41.06	41.06	0.00	12.00	421713.87	616512.52	Pathfind
5139.00	35.94	0.00	5119.75	5119.75	90.87	90.87	0.00	12.00	421763.68	616512.52	Pathfind
5239.00	47.94	0.00	5194.00	5194.00	157.58	157.58	0.00	12.00	421830.39	616512.52	Pathfind
5339.00	59.94	0.00	5252.77	5252.77	238.26	238.26	0.00	12.00	421911.07	616512.52	Pathfind
5439.00	71.94	0.00	5293.47	5293.47	329.41	329.41	0.00	12.00	422002.22	616512.52	Pathfind
5539.00	83.94	0.00	5314.33	5314.33	427.02	427.02	0.00	12.00	422099.83	616512.52	Pathfind
5589.54	90.00	0.00	5317.00	5317.00	477.46	477.46	0.00	12.00	422150.27	616512.52	Pathfind
5639.00	90.00	0.00	5317.00	5317.00	526.92	526.92	0.00	0.00	422199.73	616512.52	Pathfind
5739.00	90.00	0.00	5317.00	5317.00	626.92	626.92	0.00	0.00	422299.73	616512.52	Pathfind
5839.00	90.00	0.00	5317.00	5317.00	726.92	726.92	0.00	0.00	422399.73	616512.52	Pathfind
5939.00	90.00	0.00	5317.00	5317.00	826.92	826.92	0.00	0.00	422499.73	616512.52	Pathfind
6039.00	90.00	0.00	5317.00	5317.00	926.92	926.92	0.00	0.00	422599.73	616512.52	Pathfind
6139.00	90.00	0.00	5317.00	5317.00	1026.92	1026.92	0.00	0.00	422699.73	616512.52	Pathfind
6239.00	90.00	0.00	5317.00	5317.00	1126.92	1126.92	0.00	0.00	422799.73	616512.52	Pathfind
6339.00	90.00	0.00	5317.00	5317.00	1226.92	1226.92	0.00	0.00	422899.73	616512.52	Pathfind
6439.00	90.00	0.00	5317.00	5317.00	1326.92	1326.92	0.00	0.00	422999.73	616512.52	Pathfind
6539.00	90.00	0.00	5317.00	5317.00	1426.92	1426.92	0.00	0.00	423099.73	616512.52	Pathfind
6639.00	90.00	0.00	5317.00	5317.00	1526.92	1526.92	0.00	0.00	423199.73	616512.52	Pathfind
6739.00	90.00	0.00	5317.00	5317.00	1626.92	1626.92	0.00	0.00	423299.73	616512.52	Pathfind
6839.00	90.00	0.00	5317.00	5317.00	1726.92	1726.92	0.00	0.00	423399.73	616512.52	Pathfind
6939.00	90.00	0.00	5317.00	5317.00	1826.92	1826.92	0.00	0.00	423499.73	616512.52	Pathfind
7039.00	90.00	0.00	5317.00	5317.00	1926.92	1926.92	0.00	0.00	423599.73	616512.52	Pathfind
7139.00	90.00	0.00	5317.00	5317.00	2026.92	2026.92	0.00	0.00	423699.73	616512.52	Pathfind
7239.00	90.00	0.00	5317.00	5317.00	2126.92	2126.92	0.00	0.00	423799.73	616512.52	Pathfind
7339.00	90.00	0.00	5317.00	5317.00	2226.92	2226.92	0.00	0.00	423899.73	616512.52	Pathfind
7439.00	90.00	0.00	5317.00	5317.00	2326.92	2326.92	0.00	0.00	423999.73	616512.52	Pathfind
7539.00	90.00	0.00	5317.00	5317.00	2426.92	2426.92	0.00	0.00	424099.73	616512.52	Pathfind
7572.08	90.00	0.00	5317.00	5317.00	2460.00	2460.00	0.00	0.00	424132.81	616512.52	PBHL

SECTION 2, TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO



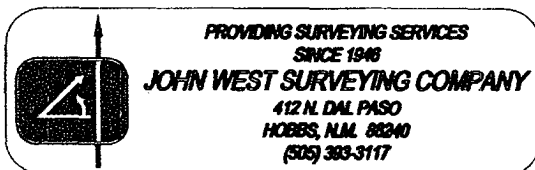
DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF BUCK JACKSON RD. & TWIN WELLS ROAD GO WEST ON TWIN WELLS ROAD APPROX. 0.1 MILES. TURN LEFT @ EL PASO PIPELINES AND GO SOUTHWEST APPROX. 4.8 MILES. TURN RIGHT AND GO NORTHWEST APPROX. 0.6 MILES. VEER RIGHT AND CONTINUE NORTH APPROX. 1.3 MILES TO A "T" INTERSECTION. TURN LEFT AND GO WEST APPROX. 1.0 MILES. VEER RIGHT AND CONTINUE NORTHWEST APPROX. 0.7 MILES. VEER LEFT AND CONTINUE WEST-NORTHWEST APPROX. 0.9 MILES ROAD BENDS SOUTHWEST, CONTINUE APPROX. 0.2 MILES. ROAD BENDS LEFT AND CONTINUES SOUTH APPROX. 0.1 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY WEST APPROX. 1470 FEET TO THIS LOCATION.



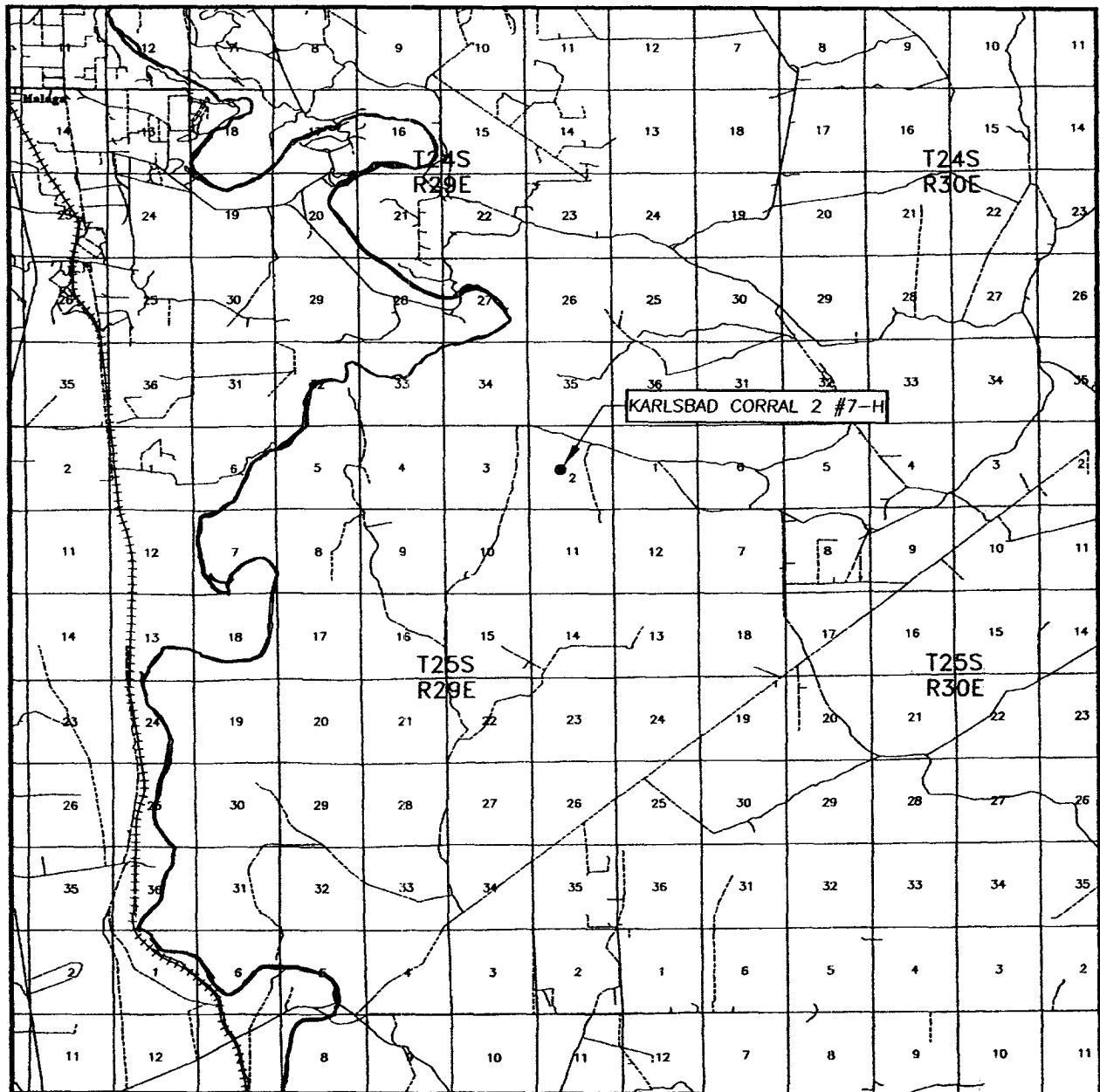
SOUTHWESTERN ENERGY PRODUCTION COMPANY

KARLSBAD CORRAL 2 #7-H WELL
 LOCATED 2510 FEET FROM THE SOUTH LINE
 AND 1980 FEET FROM THE WEST LINE OF SECTION 2,
 TOWNSHIP 25 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.



Survey Date: 1/4/06	Sheet 1 of 1 Sheets
W.O. Number: 06.11.0012	Dr By: LA
Date: 1/13/06	Disk: CD#4
06110012	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 25-S RGE. 29-E

SURVEY N.M.P.M.

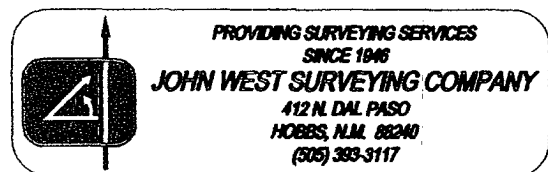
COUNTY EDDY

DESCRIPTION 2510' FSL & 1980' FWL

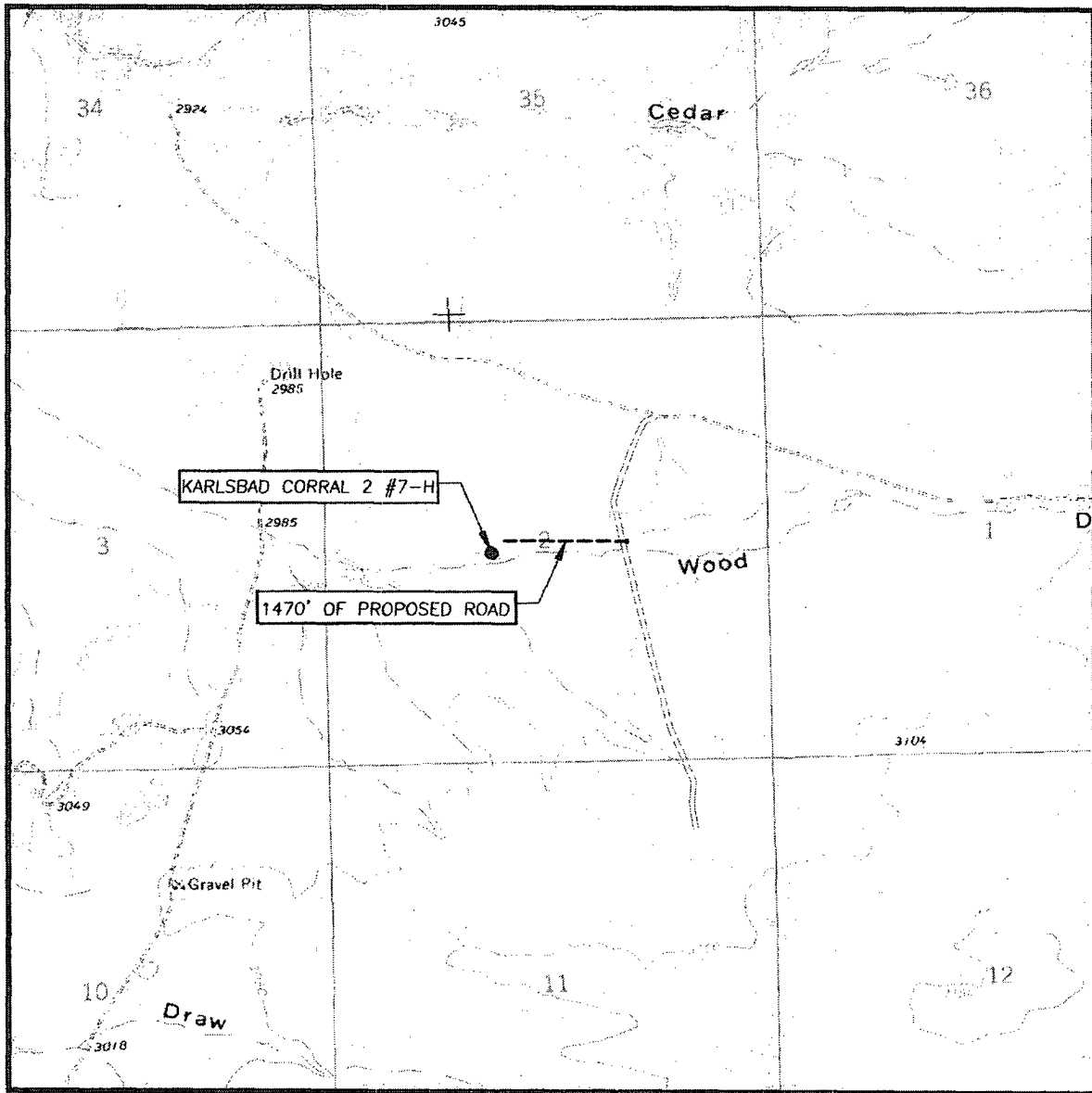
ELEVATION 3026'

OPERATOR SOUTHWESTERN ENERGY PRODUCTION COMPANY

LEASE KARLSBAD CORRAL 2



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
PIERCE CANYON, N.M. - 10'

SEC. 2 TWP. 25-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

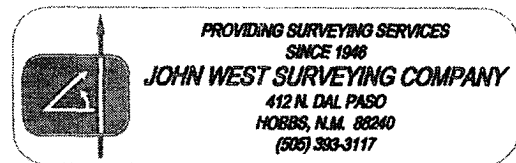
DESCRIPTION 2510' FSL & 1980' FWL

ELEVATION 3026'

OPERATOR SOUTHWESTERN ENERGY
PRODUCTION COMPANY

LEASE KARLSBAD CORRAL 2

U.S.G.S. TOPOGRAPHIC MAP
PIERCE CANYON, N.M.



Karlsbad Corral 2 #7-H Generic Location and Pit Diagram

