DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED
SEP - 9 2005
OCD-ARTESIA

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Happy Valley; Morrow

Property Code	Property Name	Well Number
	WESTSIDE 4 STATE COM	1

OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3267'

Surface Location

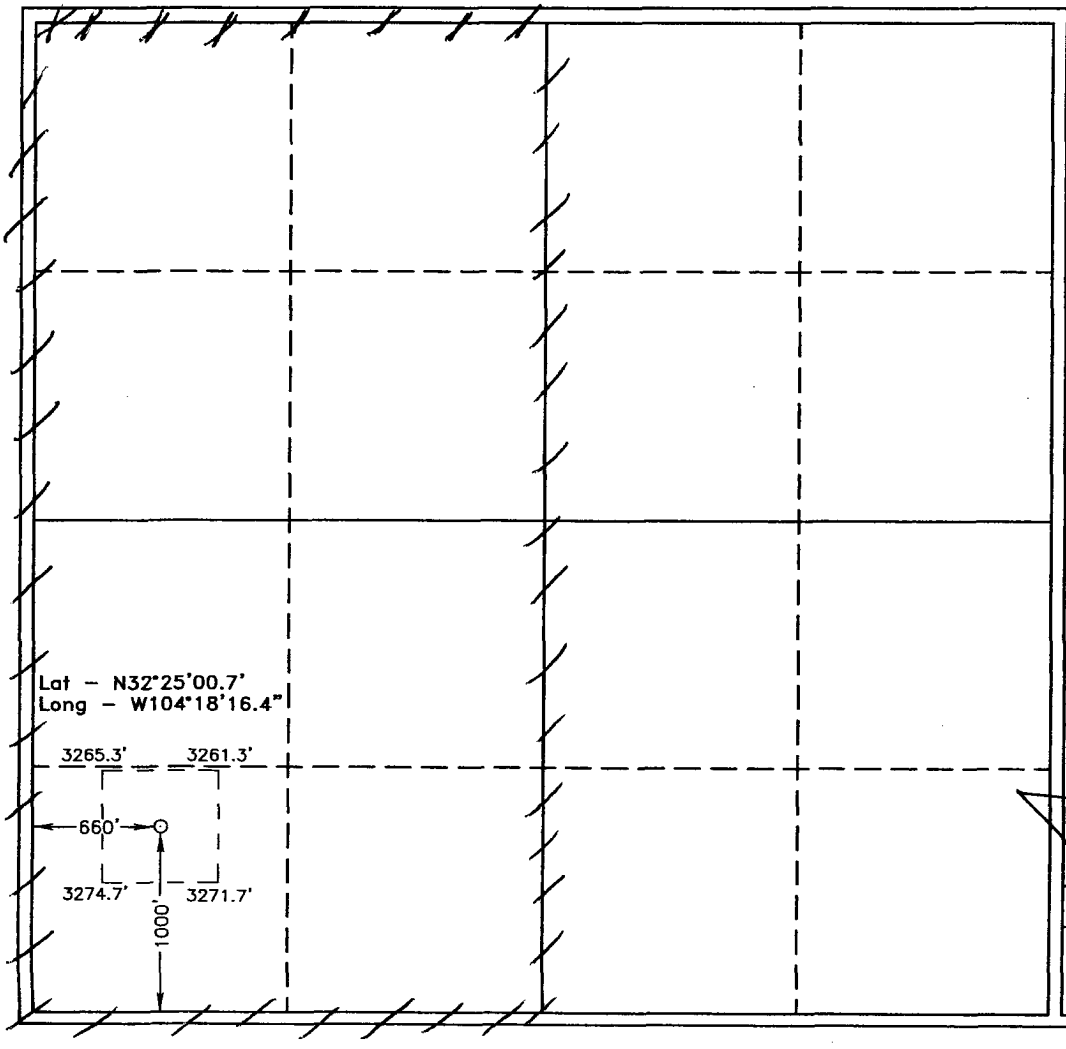
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	22 S	26 E		1000	SOUTH	660'	WEST	EDDY

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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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



OPERATOR CERTIFICATION

I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Stephanie A. Ysasaga
Printed Name

Senior Engineering Tech
Title

09/07/05
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 supervison, and that the same is true and correct to the best of my belief.

JULY 28, 2005
Date Surveyed

Signature & Seal of Professional Surveyor

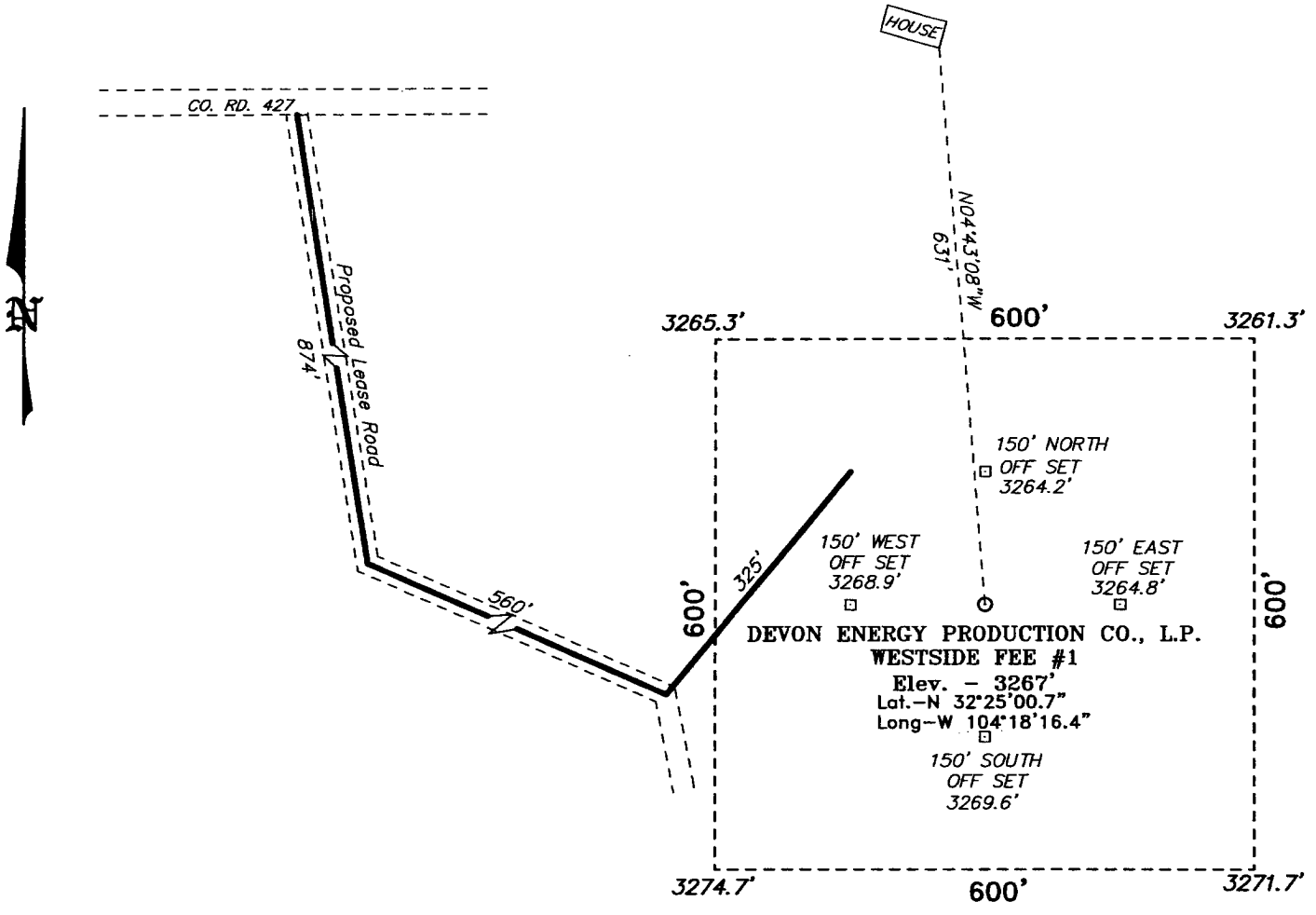
GARY L. JONES
NEW MEXICO
7977
REGISTERED PROFESSIONAL LAND SURVEYOR

W.O. No. 5575

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

SECTION 4, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, **NEW MEXICO.**



200 0 200 400 FEET

SCALE: 1" = 200'

Directions to Location:

FROM THE JUNCTION OF CO. RD. 427 AND CO. RD. 427A, GO WEST ON CO. RD. 427 FOR ±200' TO LEASE ROAD SOUTH; THENCE SOUTH ON LEASE ROAD FOR 0.3 MILE TO PROPOSED LEASE ROAD.

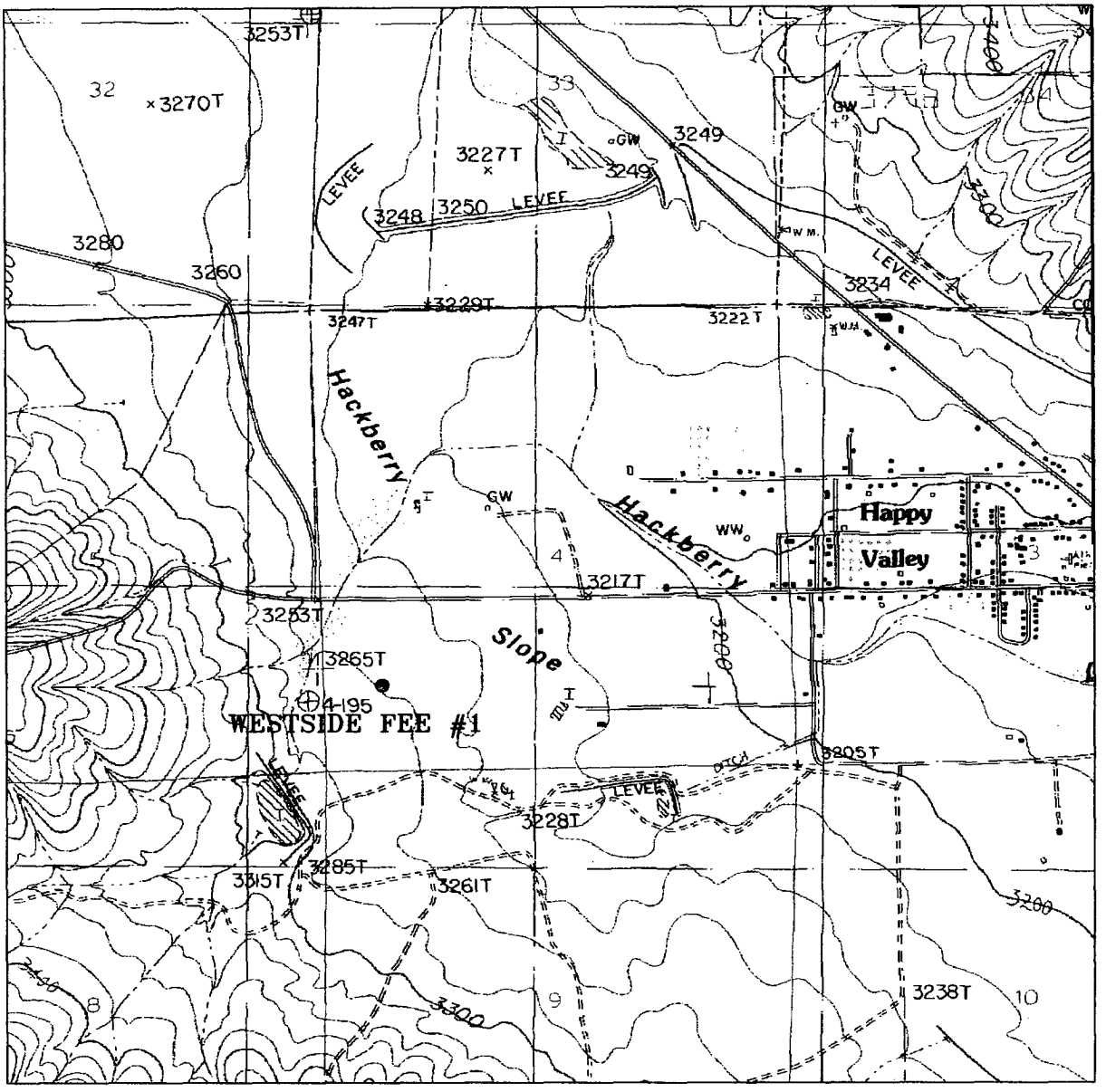
DEVON ENERGY PROD. CO., L.P.

REF: WESTSIDE FEE No. 1 / Well Pad Topo

THE WESTSIDE FEE No. 1 LOCATED 1000' FROM THE SOUTH LINE AND 660' FROM THE WEST LINE OF SECTION 4, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

BASIN SURVEYS P.O. BOX 1786 – HOBBS, NEW MEXICO

W.O. Number: 5575	Drawn By: K. GOAD		
Date: 08-01-2005	Disk: KJG CD#4 – 5575A.DWG	Survey Date: 07-28-2005	Sheet 1 of 1 Sheets



N

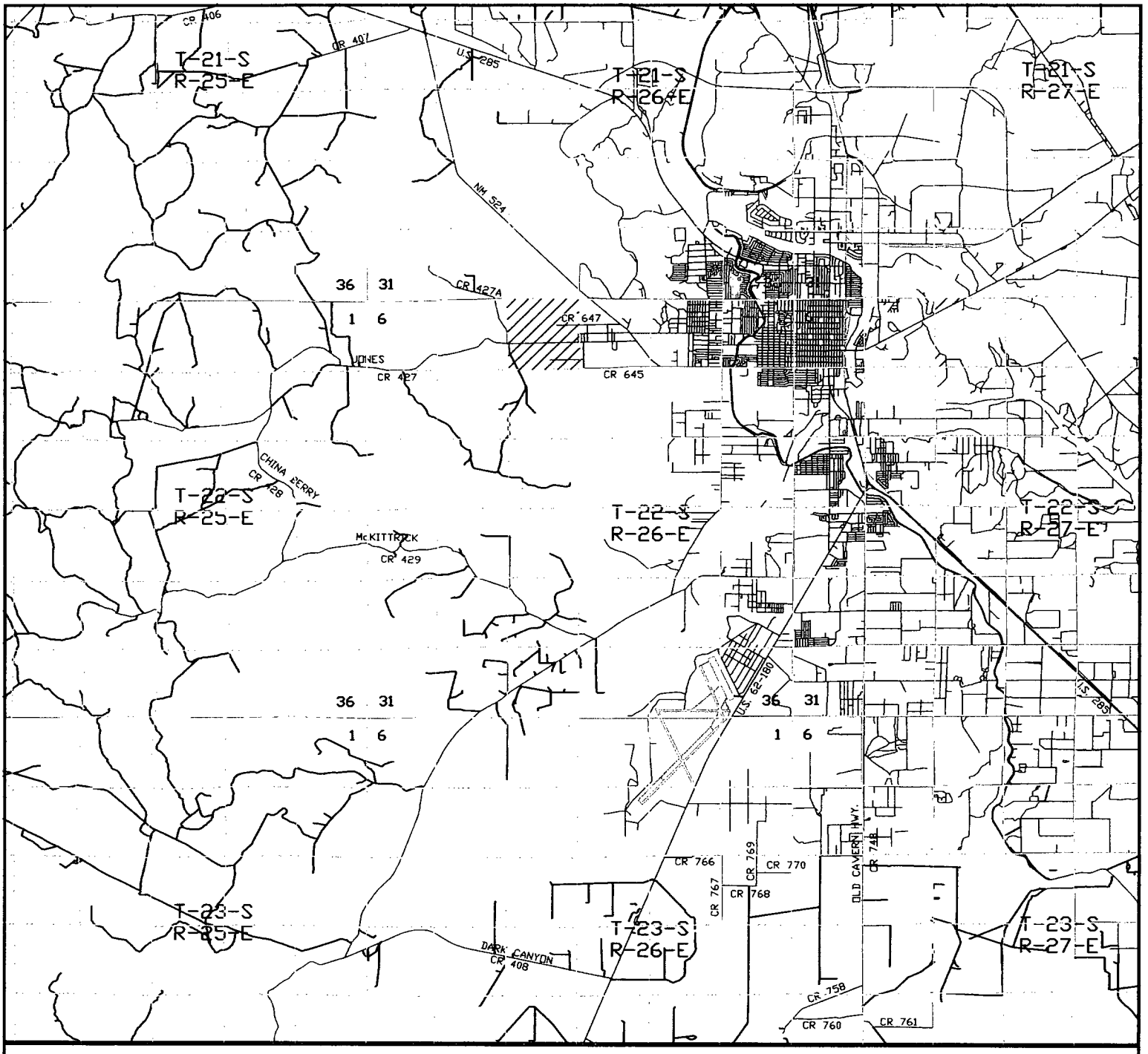
WESTSIDE FEE #1
Located at 1000' FSL and 660' FWL
Section 4, Township 22 South, Range 26 East,
N.M.P.M., Eddy County, New Mexico.

Basin Surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	5575AA - KJG #1
Survey Date:	08-01-2005
Scale:	1" = 2000'
Date:	07-28-2005

DEVON ENERGY PROD. CO., L.P.



WESTSIDE FEE #1
Located at 1000' FSL and 660' FWL
Section 4, Township 22 South, Range 26 East,
N.M.P.M., Eddy County, New Mexico.

basin surveys
focused on excellence in the oilfield

P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241
(505) 393-7316 - Office
(505) 392-3074 - Fax
basinsurveys.com

W.O. Number:	5575AA - KJG #1
Survey Date:	08-01-2005
Scale:	1" = 2 MILES
Date:	07-28-2005

DEVON ENERGY PROD. CO., L.P.

Run File	C:\STAR\DATA\12.29.04\3.14.05\DEV RIFLEMAN5#4.RUN		
Method	C:\star\method_extended_gas_scott.mth		
Operator	Vickie Sullivan	**Analysis Date**	8/30/2005
Station	Rifleman 5 #4	**Company**	Devon Energy
Effective Date		**Pulled Data**	8/29/05
Received Date	8/29/05	**Composite/Spot**	

Component	Mole %	BTU	GPM
Methylcyclohexane	0.0107	0.56	0.0043
Toluene	0.0097	0.43	0.0032
n-Octane	0.0065	0.41	0.0033
Ethylbenzene	0.0132	0.69	0.0051
m&p xylene	0.0049	0.00	0.0000
o-Xylene	0.0014	0.07	0.0005
n-Nonane	0.0155	1.09	0.0087
n-Decane	0.0000	0.00	0.0000
Totals	100.0000	1,053.06	1.5192

Relative Density from Composition	0.5870
BTUs @ 14.65 Saturated	1,037
BTUs @ 14.65 Dry	1,055
Compressibility	0.99781

Nearby gas analysis from Westside 4 State Com #1.

Laboratory Services Inc.
2609 West Marland
Hobbs, New Mexico 88240
(505)397-3713

Run File	C:\STAR\DATA\12.29.04\3.14.05\DEV RIFLEMAN5#4.RUN		
Method	C:\star\method_extended_gas_scott.mth		
Operator	Vickie Sullivan	**Analysis Date**	8/30/2005
Station	Rifleman 5 #4	**Company**	Devon Energy
Effective Date		**Pulled Data**	8/29/05
Received Date	8/29/05	**Composite/Spot**	

Component	Mole %	BTU	GPM
H2S			
Nitrogen	0.4300	0.00	0.0000
Methane	92.6880	938.32	0.0000
CO2	1.3762	0.00	0.0000
Ethane	4.0971	72.67	1.0958
Propane	0.9132	23.03	0.2516
i-Butane	0.1250	4.07	0.0409
n-Butane	0.1478	4.83	0.0466
i-Pentane	0.0487	1.95	0.0178
n-Pentane	0.0301	1.21	0.0109
Cyclopentane	0.0074	0.28	0.0022
2-Methylpentane	0.0099	0.47	0.0041
3-Methylpentane	0.0080	0.38	0.0033
n-Hexane	0.0149	0.71	0.0061
Methylcyclopentane	0.0058	0.26	0.0021
Benzene	0.0116	0.44	0.0033
Cyclohexane	0.0154	0.69	0.0052
n-Heptane	0.0089	0.49	0.0041

Wildcat Measurement Service
P.O. Box 1836
Artesia, New Mexico 88211-1836
TollFree #888-421-9453
Office #505-746-3481
"Quality and Service is our First Concern"

PDS 06/25/00

Run No. 250728-35
Date Run 07/28/2005
Date Sampled 07/27/2005

Analysis for: DEVON ENERGY PRODUCTION COMPANY
Well Name: RIFLEMAN "5" FEDERAL #4
Field:
Sta. Number: 885-12-057
Purpose: SPOT-EFM
Sampling Temp: 82.2 DEG F
Volume/day: 1.8 MMCF/DAY
Pressure on Cylinder: 518.4 PSIG

GPANGL.L60

Producer: DEVON ENERGY PRODUCTION
County: EDDY State: NM
Sampled By: JACK PITTMAN
Atmos Temp: DEG F
Formation:
Line Pressure: 531.6 PSIA

GAS COMPONENT ANALYSIS

		Mol %	GPM
Carbon Dioxide	CO2	1.9215	
Nitrogen	N2	0.5124	
Methane	C1	92.1455	
Ethane	C2	4.0539	1.0836
Propane	C3	0.8552	0.2355
Iso-Butane	IC4	0.1361	0.0445
Nor-Butane	NC4	0.1278	0.0403
Iso-Pentane	IC5	0.0496	0.0182
Nor-Pentane	NC5	0.0345	0.0125
Hexanes Plus	C6+	0.1635	0.0713
TOTAL		100.0000	1.5058

Pressure Base:	14.7300
Real BTU Dry:	1049.11
Real BTU Wet:	1030.85
Real Calc. Specific Gravity:	0.6134
Field Specific Gravity:	0.0000
Standard Pressure:	14.6960
BTU Dry:	1044.28
BTU Wet:	1026.11
Z Factor:	0.9977
N Value:	1.3008
Avg Mol Weight:	17.7347
Avg CuFt/Gal:	57.9357
26 Lb Product:	0.1630
Methane+ GPM:	17.1241
Ethane+ GPM:	1.5058
Propane+ GPM:	0.4223
Butane+ GPM:	0.1868
Pentane+ GPM:	0.1020

REMARKS:
SAMPLE TAKEN FOR EFM

Approved by: DON NORMAN

Thu Jul 28 20:40:45 2005

devon®

RECEIVED
SEP 29 2005
OCD-ARTESIA

Devon Energy Production Company
Regulatory Affairs
20 North Broadway – Suite 600
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-7802
Fax (405)-552-4553
Stephanie.Ysasaga@dvn.com

September 28th, 2005

Bryan Arrant
Oil Conservation Division
1301 W. Grand Avenue
Artesia, New Mexico 88210

Re: APD - Westside 4 State Com 1
Additional Requirements: H2S Plan

Dear Mr. Arrant:

Enclosed you will find a copy of the H2S plan per your request. Please review and let me know if there are any additions that need to be made.

Also, let me know if we have fulfilled the additional requirements necessary to have the Westside 4 State Com 1 approved.

Should we need to provide additional information, please call me at (405)-552-7802.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Stephanie A. Ysasaga
Senior Engineering Technician ☺

Recommended Drilling Fluids Program

Devon Energy Corporation * Westside "4" State # 1 * Sec-4, T-22-S, R-26-E, Eddy,

INTERVAL: 0 - 500		26" hole	2 days	20" csg	
Product	**Function**		**Treatment**	**Unit Size**	**Usage**
Bentonite	Viscosifier		12-14 ppb	100 #	80
Cedar Fiber/Fiber Plug	LCM, sealant		3-10 ppb in pills	40 #	40
Ground Paper	Seepage and sweeps		1-3 sacks per 100 feet	40 #	60
Lime	pH additive, flocculant		1 sack per 15 sacks of bentonite	50 #	10
Maxi-Seal/Fiber Seal/Chem Seal	LCM, sealant		3-10 ppb in pills	40 #	40
MF-55/VisPlus(non-ionic)	Hole sweep		2-3 gal sweeps	5 gal.	5
Plastic	Storage aid		Cover mud	1 roll	1

Interval

INTERVAL: 500 - 2,225		12.25" hole	6 days	9.625" csg	
Product	**Function**		**Treatment**	**Unit Size**	**Usage**
Bentonite	Hole sweep		12-14 ppb in sweeps	100 #	90
Cedar Fiber/Fiber Plug	LCM, sealant		3-10 ppb in pills	40 #	50
Ground Paper	Seepage and sweeps		1-3 sacks per 200 feet	40 #	70
Lime	pH additive		.5-.75 ppb	50 #	70
Maxi-Seal/Fiber Seal/Chem Seal	LCM, sealant		3-10 ppb in pills	40 #	50
MF-55/VisPlus(non-ionic)	Hole sweep		2-3 gal sweeps	5 gal.	4

Interval

INTERVAL: 2,225 - 8,250		8.75" hole	11 days	7" csg	
Product	**Function**		**Treatment**	**Unit Size**	**Usage**
Bentonite	Hole sweep		12-14 ppb in sweeps	100 #	120
Caustic Soda	pH additive		.25 ppb below 8,000'	50 #	10
Cedar Fiber/Fiber Plug	LCM, sealant		3-10 ppb in pills	40 #	100
Ground Paper	Seepage and sweeps		1-3 sacks per 200 feet	40 #	60
Lime	pH additive		.5-.75 ppb	50 #	80
Maxi-Seal/Fiber Seal/Chem Seal	LCM, sealant		3-10 ppb in pills	40 #	100
MF-55/VisPlus(non-ionic)	Flocculant		1 qt in 50 gal water as needed	5 gal.	3
Mica	LCM, sealant		3-10 ppb in pills	50 #	80
M-I-X II/Delta P	LCM, sealant		3-10 ppb in pills	25 #	100

Interval

INTERVAL: 8,250 - 11,300		6.125" hole	16 days	4.5" csg	
Product	**Function**		**Treatment**	**Unit Size**	**Usage**
Biocide (STC)	Biocide		1 gal./100 bbls.	5 gal.	40
Caustic Soda	pH additive		.25 ppb	50 #	30
Drispac/Poly Pac/StaFlo/Aquapac	Filtrate control, secondary viscosifier		.5 ppb	50 #	20
Maxi-Seal/Fiber Seal/Chem Seal	LCM, sealant		1-4 ppb in sweeps	40 #	30
Mica	LCM, sealant		3-10 ppb in sweeps	50 #	30
M-I-X II/Delta P	LCM, sealant		3-10 ppb in pills	25 #	30
Silicone Defoamer	Defoamer		As needed	5 gal.	10
Soda Ash	Calcium remover		.5-.75 ppb	50 #	70
White Starch	Filtrate control		2-3 ppb	50 #	90
XCD Polymer/Flozan	Viscosifier, invasion control		.25-.5 ppb	25 #	30

Interval

devon

Devon Energy Production Company
Regulatory Affairs
20 North Broadway – Suite 600
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-7802
Fax (405)-552-4553
Stephanie.Ysasaga@dvn.com

September 19th, 2005

Bryan Arrant
Oil Conservation Division
1301 W. Grand Avenue
Artesia, New Mexico 88210

Re: APD - Westside 4 State Com 1
Additional Requirements

Dear Mr. Arrant:

Enclosed you will find a detailed copy of the mud program from our contractor, Nova Mud, Inc.; per the OCD's request. TOC for all strings is to circulate to surface. TOC for the 4 ½" liner is @ 7950'. The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. The functional tests will be documented on the daily drillers log.

I've spoken to the group that does our H2S plan, and have asked them to specifically include a detailed map of the immediate location depicting the well to the north and denoting the distance to the closest occupied dwelling from the proposed location. I will submit promptly upon receipt.

Should we need to provide additional information, please call me at (405)-552-7802.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Stephanie A. Ysasaga
Senior Engineering Technician ☺

Recommended Drilling Fluids Program

For:

Devon Energy Corporation
20 N. Broadway
Oklahoma City, OK 73102-8260

The

Westside "4" State # 1

Located in:

Sec-4, T-22-S, R-26-E,
Eddy Co., NM

Prepared especially for:

Mr. Gerald Brockman

Drilling Supervisor

"The Nova Difference"

A Commitment to Service and Quality

Projected Mud Properties

Depth	Mud Wt. - ppg	Viscosity	Filtrate	pH	Solids - % by vol.
0' - 500'	8.6-9.4	32-34	N/C	7-9	5-8

Interval Notes for 0 - 500

Drill surface with Fresh Water spud mud. Maintain the viscosity as needed to clean the large diameter hole. Add small amounts of Lime to control the pH and to flocculate the Gel for added carrying capacity. Ground Paper additions may be used periodically to aid in hole cleaning and control seepage. Should severe losses occur we suggest dry drilling to total depth sweeping the hole regularly with viscous (40-50) Bentonite pills containing 3-10 ppb of various fibrous LCM's. Vis Plus sweeps should be made as needed on connections to aid in hole cleaning.

NOTE 1: it is highly possible that loss of circulation will be encountered in this interval. We suggest that consideration be given to placing an air package on this project to maintain returns.

NOTE 2: it may be possible to use Red Stripe in this interval to introduce aphrons into the system for lower equivalent mud weights.

Projected Mud Properties

Depth	Mud Wt. - ppg	Viscosity	Filtrate	pH	Chlorides - ppm
500' - 2,225'	8.4-8.5	28-29	N/C	9.5-10.5	3-12K

General Geological Data

Tops/Bases	Formation	Lithology	Notes/Challenges
500' - 599'	Yates		
500' - 825'	Seven Rivers	Limestone, w/dolomite stringers	
825' - 1,650'	Capitan Reef	Fractured Limestone	Lost circulation, air drilling, sloughing
1,650' - 2,225'	Goat Seep Reef	Limestone	Heavy seepage in porosity

Interval Notes for 500 - 2,225

Drill out from under the surface casing with Fresh Water. Circulate a controlled portion of the reserve. Adjust the pH to 10.0 with Lime additions. Use an air package to decrease the hydrostatic to around 7.0 ppg. Approximately 1400 cfm should be sufficient. Continue to sweep the hole periodically with Ground Paper to control seepage and enhance hole cleaning. Use Bentonite pills only as necessary to control torque and/or drag. Small amounts of MF-55 may be added to aid in fine solids removal. Should severe losses occur we suggest dry drilling to total depth sweeping the hole as necessary with viscous (40-50) Bentonite pills containing 3-10 ppb of fibrous LCM. Vis Plus pills should be used on connections to aid in hole cleaning and to slick up the hole.

NOTE: Loss of circulation is highly likely through this interval at approximately 1,500'. Should losses occur dry drilling should be attempted. Sweep the hole as needed to keep the well bore clean. Should fill, torque and drag become severe, we suggest opening the hole to 17 ½" and running 13 3/8" casing as deep as possible.

Projected Mud Properties

Depth	Mud Wt. - ppg	Viscosity	Filtrate	pH	Chlorides - ppm
2,225' - 3,400'	8.4-8.5	28	N/C	9.5-10.5	3-12K
3,400' - 8,250'	8.9-9.0	28	N/C	9.5-10.5	+40K

General Geological Data

Tops/Bases	Formation	Lithology	Notes/Challenges
2,190' - 2,385'	Delaware Lime	Lamar group	
2,225' - 2,190'	Goat Seep Reef	Limestone	
2,385' - 2,750'	Delaware Sand		Seepage
2,750' - 3,150'	Cherry Canyon	Sand	
3,150' - 4,615'	Brushy Canyon		
4,615' - 5,840'	Bone Spring Lime	Limestone	
5,840' - 6,085'	1st Bone Spring Sand	Sand	Seepage
6,085' - 6,385'	2nd Bone Spring Lime	Limestone	
6,385' - 6,710'	2nd Bone Spring Sand	Sand	Seepage, lost circ
6,710' - 7,915'	3rd Bone Spring Lime	Limestone	
7,915' - 8,200'	3rd Bone Spring Sand	Sand	Seepage
8,200' - 8,250'	Wolfcamp Lime	Shaly limestone	Poss. gas kick, sloughing

Interval Notes for 2,225 - 8,250

Drill out with Fresh Water circulating the outer reserve pit for solids control. Sweep hole periodically with Ground Paper sweeps to control seepage and to aid in hole cleaning. Continue to use Lime to control the pH down to 8,000' then switch to Caustic Soda to prevent scaling. MF-55 may be added periodically to flocculate fine solids and keep the fluid clean. Viscous (40-50) Bentonite pills may be used as needed to clean cuttings from the well bore and reduce torque and drag. Begin adjusting the weight and chlorides to 8.9-9.0 ppg and +40,000 ppm respectively below 3,500' to prepare for drilling the Wolfcamp and Cisco formations. Should any severe losses occur, add 3-20 ppb of various LCM's to viscous pills to regain returns. Sweep and spot viscous (50-60) Salt Gel pills at total depth to ensure a clean hole for logging and casing operations.

Projected Mud Properties

Depth	Mud Wt. - ppg	Viscosity	Filtrate	pH	Chlorides - ppm
8,250' - 9,900'	10.0	31-34	<12 cc	9.5-10.5	+186K
9,900' - 10,700'	10.0-10.2	34-36	<10 cc	9.5-10.5	+186K
10,700' - 11,300'	10.2-10.3	34-38	<8cc	9.5-10.5	+186K

General Geological Data

Tops/Bases	Formation	Lithology	Notes/Challenges
8,250' - 9,700'	Wolfcamp		
9,700' - 9,780'	Canyon Pay		Pay Zone
9,780' - 10,040'	Strawn Lime	Shaly limestone	
10,040' - 10,235'	Atoka	Sandy shale, mostly shale	Poss. gas kick
10,235' - 10,725'	Atoka Pay		Pay Zone
10,725' - 10,950'	Morrow Clastics	Shaly calcareous sand	Water sensitive
10,950' - 11,055'	Middle Morrow Lime	Limestone	
11,055' - 11,180'	Lower Morrow	Shale	
11,180' - 11,300'	Barnett	Shale	TD

Interval Notes for 8,250 - 11,300

Return to the working pits with Brine weighing 10.0 ppg. Discontinue the use of MF-55. Adjust the pH to no more than 10.0 with Caustic Soda. Pre-treat the system with Soda Ash to lower the total hardness to below 600 ppm and add STC (biocide) to prevent bacteria growth. Add amounts of Drispac and White Starch to lower the filtrate to 12cc. Use XCD Polymer to adjust the viscosity as necessary. Small amounts of Silicone Defoamer may be needed while mixing mud to prevent the aeration of the pumps. Sweep the hole as only as necessary with viscous (40-45) XCD Polymer pills that may be left in the system should added viscosity be needed. Adjust the weight with Brine or sack salt to 10.0 ppg. Should weights above the 10.0 ppg range be needed use Barite additions. Use M-I-X II or Delta P for seepage control while using viscous (40-45) XCD Polymer pills containing 3-10 ppb of various LCM's for more severe losses.

NOTE 1: our estimate is based on mud weights not exceeding 10.2 ppg. we would estimate an [illegible] would be needed to raise the weight to 11.4 ppg without additional losses.

devon

Devon Energy Corporation
20 North Broadway
Oklahoma City, Oklahoma 73102-8260

Hydrogen Sulfide (H_2S) Contingency Plan

For

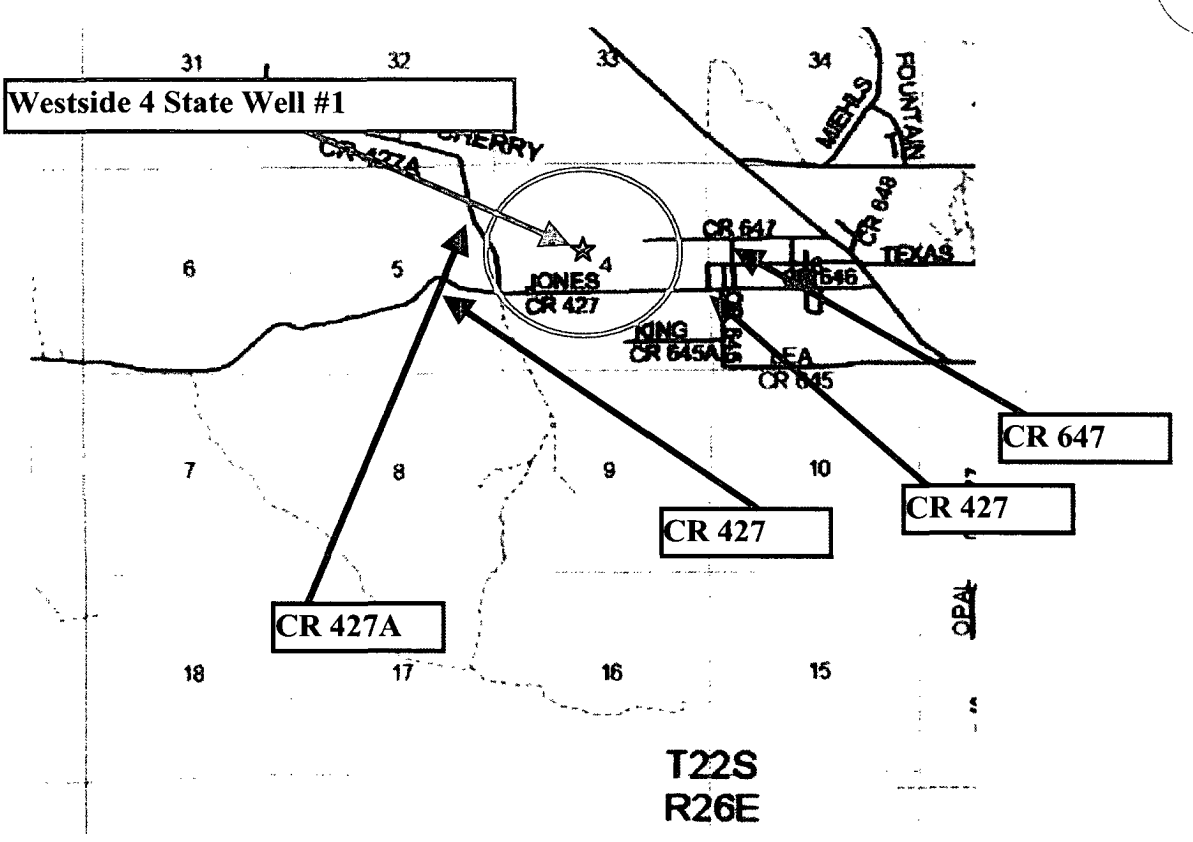
Westside 4 State Well #1

1000'FSL & 660' FWL,
Sec-4, T-22S R-26E

Eddy County NM

Westside 4 State Well # 1

This is an open drilling site. H_2S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H_2S, including warning signs, wind indicators and H_2S monitor.



Assumed 100 ppm ROE = 3000' (Radius of Exposure)
100 ppm H_2S concentration shall trigger activation of this plan

Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated East on county road 647. Crews should then block roads CR647, CR427 (both directions) and CR 427A so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE <u>There are several homes within the ROE</u>. Steps must be taken to evacuate person(s) present at these homes should the hazardous H_2S gas be released in sufficient quantities and/or concentrations.

Emergency Procedures

In the case of a release of gas containing H_2S, the first responder(s) must isolate the area and prevent entry by other persons into the 100 ppm ROE. Additionally the first responder(s) must evacuate any public places encompassed by the 100 ppm ROE. First responder(s) must take care not to injure themselves during this operation. Company and/or local officials must be contacted to aid in this operation. Evacuation of the public should be beyond the 100 ppm ROE.

All responders must have training in the detection of H_2S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H_2S monitors and air packs in order to control the release. Use the "buddy system' to ensure no injuries during the response.

Ignition of Gas Source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever there is an ignition of the gas

Characteristics of H_2S and SO_2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentr-ation
Hydrogen Sulfide	H_2S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21 Air = 1	2 ppm	N/A	1000 ppm

Contacting Authorities

Devon Energy Corp. personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available. The following call list of essential and potential responders has been prepared for use during a release. Devon Energy Corp. Company response must be in coordination with the State of New Mexico's 'Hazardous Materials Emergency Response Plan' (HMER)

Devon Energy Corp. Company Call List

Artesia (505)	Cellular	Office	Home
Foreman – BJ Cathey	390-5893	748-0176	887-6026
Asst. Frmn – Bobby Jones	748-7447	748-0176	746-3194
Cecil Thurmond	748-7180	748-0171	887-1479
Mike Myers	(505) 513-0782	(505) 748-0187	(505) 395-3020
Engineer – Wyatt Abbitt	(405) 245-3471	(405) 552-8137	(405) 340-3879

Agency Call List

Eddy County (505)

Artesia

State Police	746-2703
City Police	746-2703
Sheriff's Office	746-9888
Ambulance	911
Fire Department	746-2701
LEPC (Local Emergency Planning Committee)	746-2122
NMOCD	748-1283

Carlsbad

State Police	885-3137
City Police	885-2111
Sheriff's Office	887-7551
Ambulance	911
Fire Department	885-2111
LEPC (Local Emergency Planning Committee)	887-3798
US Bureau of Land Management	887-6544
New Mexico Emergency Response Commission (Santa Fe)	(505)476-9600
24 HR	(505) 827-9126
National Emergency Response Center (Washington, DC)	(800) 424-8802

Emergency Services

Boots & Coots IWC	1-800-256-9688 or (281) 931-8884
Cudd Pressure Control	(915) 699-0139 or (915) 563-3356
Halliburton	(505) 746-2757
B. J. Services	(505) 746-3569

Give GPS position:

Flight For Life - Lubbock, TX	(806) 743-9911
Aerocare - Lubbock, TX	(806) 747-8923
Med Flight Air Amb - Albuquerque, NM	(505) 842-4433
Lifeguard Air Med Svc. Albuquerque, NM	(505) 272-3115

Prepared in conjunction with
Wade Rohloff of;

Compliance Services
PO Box 2734 Hobbs NM 88240 (505) 631-9561