

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 October 12, 2005

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35339	Pool Code	Pool Name HAPPY VALLEY; MORROW (GAS)
Property Code	Property Name ALGERITA "32" STATE COM	Well Number 2
GRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3354'

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	32	22 S	26 E		660	SOUTH	1160	WEST	EDDY

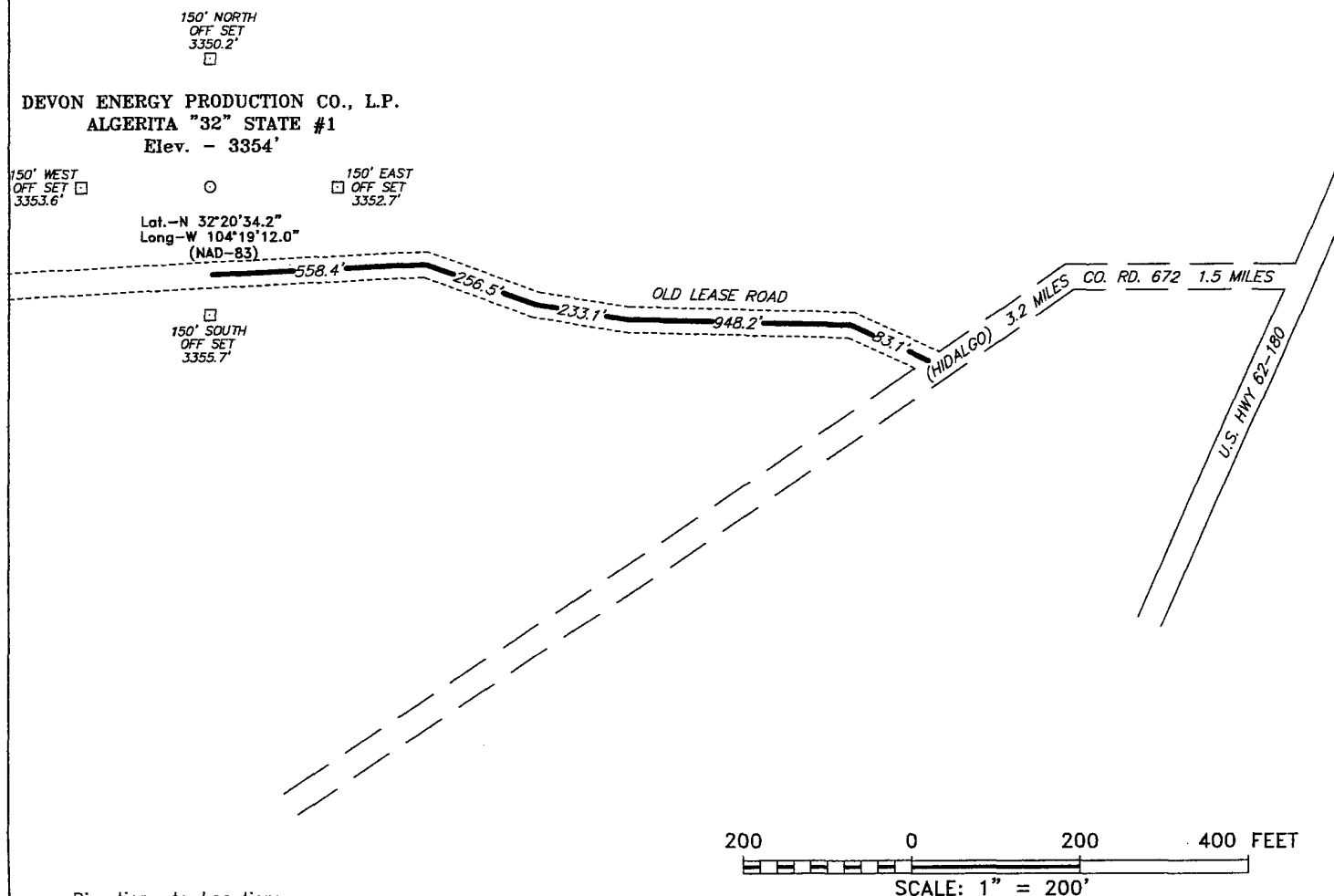
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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

SURFACE LOCATION Lat - N32°20'34.2" Long - W104°19'12.0" (NAD-83)		OPERATOR CERTIFICATION I hereby certify that the information contained 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 pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>[Signature]</i> 12/29/06 Signature Date STEPHANIE A. YSASAGA 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. NOVEMBER 01, 2006 <i>[Signature]</i> Date Surveyed Signature of Professional Surveyor Y917 W.D. No. 1564 Certified by: L. Jones 7977 BASIN SURVEYS		

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF U.S. HWY 62-180 AND CO.
RD. 672 (HIDALGO), PROCEED WEST WINDING
SOUTHWEST ON CO. RD. 672 FOR 4.7 MILES TO
PROPOSED LEASE ROAD.

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

W.O. Number: 17364 Drawn By: J. M. SMALL

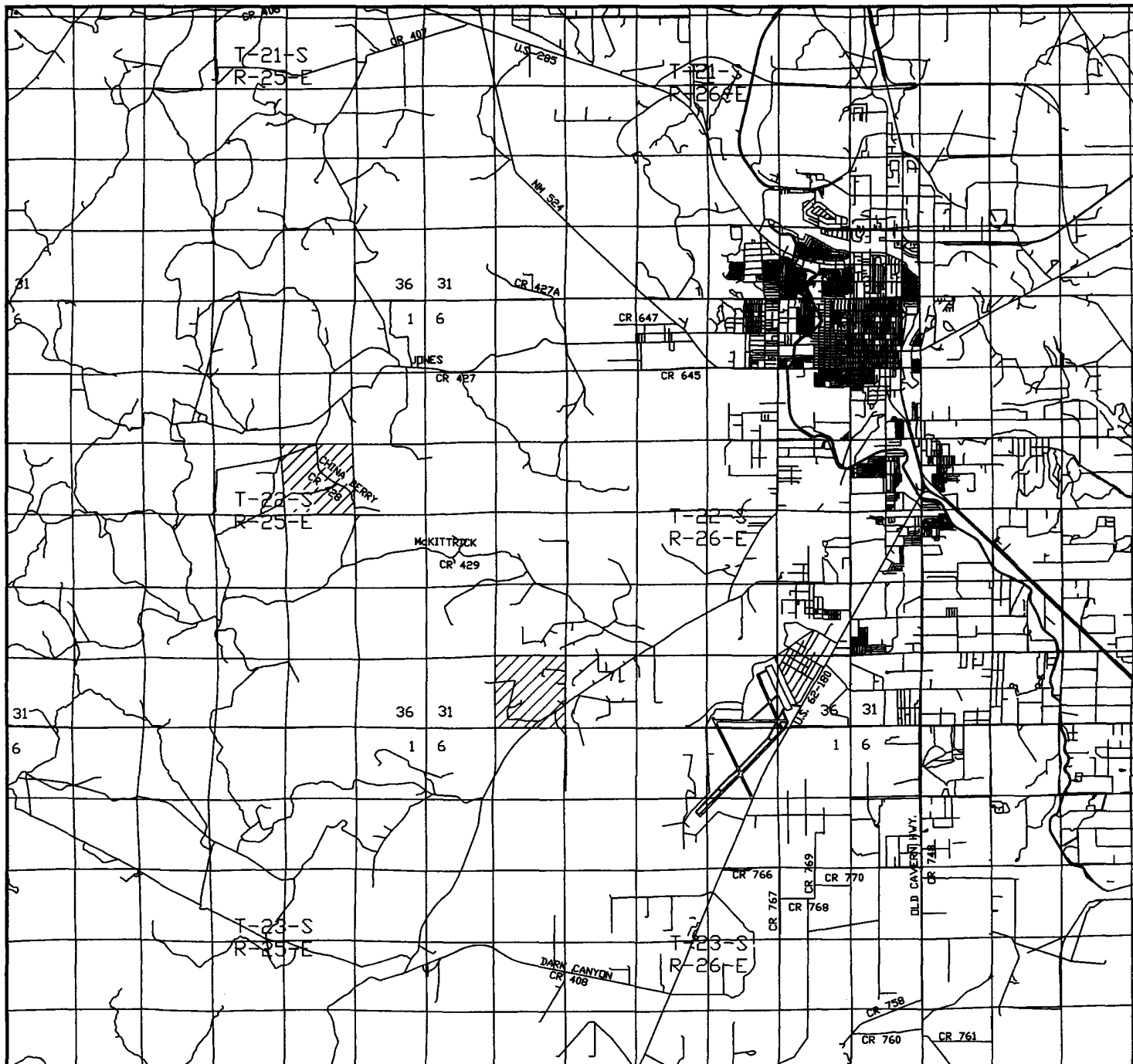
Date: 11-02-2006 Disk: 17364W JMS

DEVON ENERGY PROD. CO., L.P.

REF: ALGERITA "32" STATE #1 / WELL PAD TOPO

THE ALGERITA "32" STATE No. ¹/₂ LOCATED 660'
FROM THE SOUTH LINE AND 1160' FROM THE WEST LINE OF
SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 11-01-2006 Sheet 1 of 1 Sheets



ALGERITA "32" STATE #12

Located at 660' FSL AND 1160' FWL
Section 32, 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: JMS 17364T

Survey Date: 11-01-2006

Scale: 1" = 2 MILES

Date: 11-02-2006

DEVON ENERGY
PROD. CO., L.P.

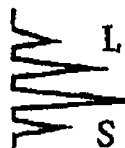
Run File C:\STAR\DATA\12.29.04\3.14.05\DEV RIFLEMAN5#4.RUN
Method C:\star\method_extended_gas_scott.mth
Operator Vickie Sullivan Analysis Date 8/30/2005
Station Rifleman 5 #4 Company Devon Energy
Effective Date Pulled Data 8/29/05
Received Date 8/29/05 Composite/Spot

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
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 for the Algeria 32 State 1.

8/30/2005

**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	

<u>Component</u>	<u>Mole %</u>	<u>BTU</u>	<u>GPM</u>
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
1-Butane	0.1250	4.07	0.0409
n-Butane	0.1478	4.83	0.0466
1-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

8/30/2005

ARTESIA, N.M.

AUG 08 2005

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

GPANGL L60

Well Name: RIFLEMAN "5" FEDERAL #4

Field:

Sta. Number: 885-12-057

Purpose: SPOT-EVN

Sampling Temp: 82.2 DEG F

Volume/day: 1.8 MCF/DAY

Pressure on Cylinder: 518.4 PSIG

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

Pressure Base: 14.7300

		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

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
W 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 RFM

Approved by: DON NORMAN

Thu Jul 28 20:40:45 2005



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

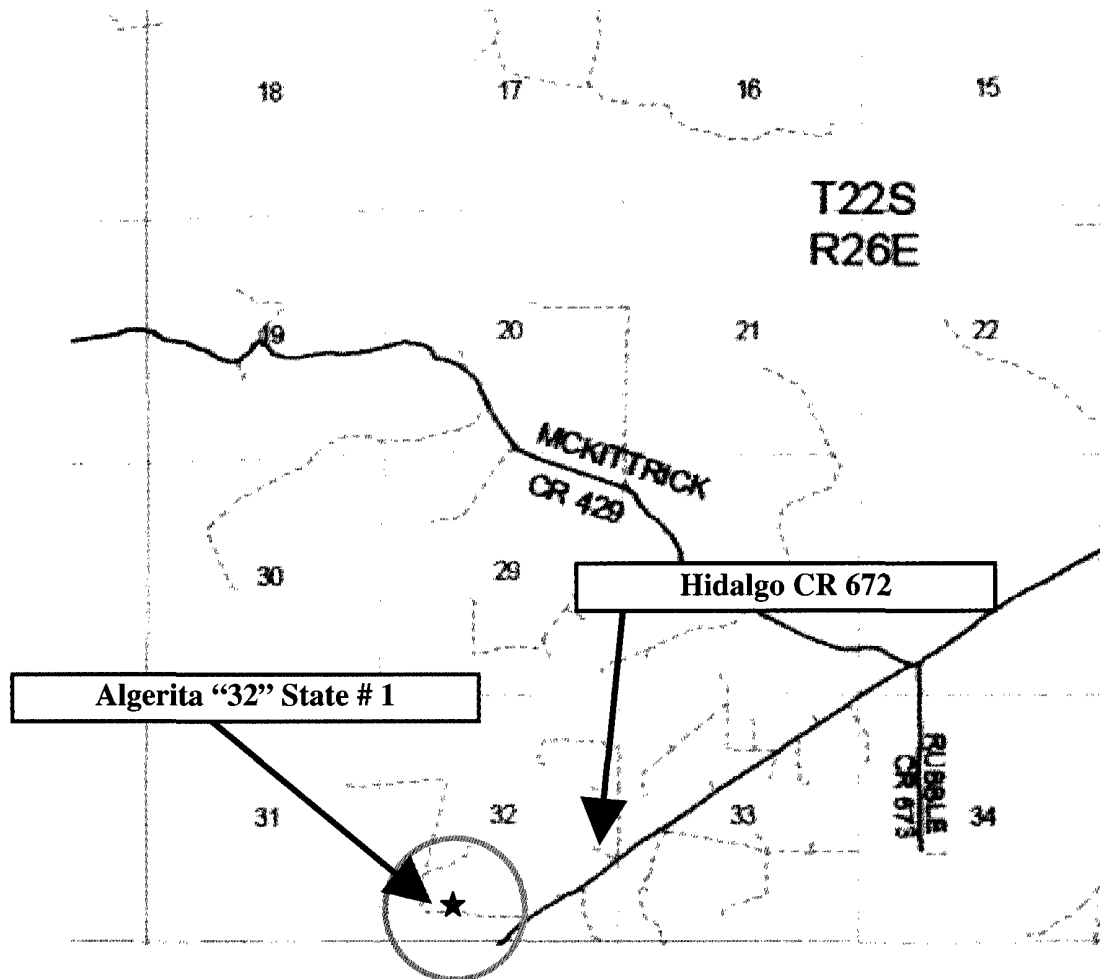
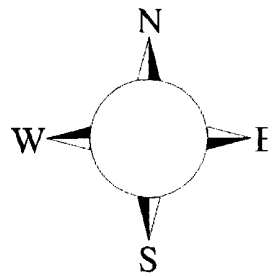
Algerita "32" State Well #~~X~~^W2

**660' FSL & 1160' F~~E~~^WL,
Sec-32, T-22S R-26E**

Eddy County NM

Algerita "32" State #12

This is an open drilling site. H₂S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H₂S, including warning signs, wind indicators and H₂S monitor.



Assumed 100 ppm ROE = 3000' Radius of Exposure
100 ppm H₂S concentration shall trigger an evacuation and alarm

Escape

Crews shall escape upwind of escaping gas in the event of an emergency release of gas. Escape can be facilitated East on lease road to Hidalgo. Crews should then move to block access to the lease road so as not to allow anyone traversing into a hazardous area. The blockade should be at a safe distance outside of the ROE. There may no homes or buildings within or near the ROE. **Immediate response** should include the evacuation of any person(s) potentially affected by toxic or flammable gasses. Evacuation of the downwind areas should occur first. Perimeter monitoring should then be established to ensure safe areas.

Emergency Procedures

In the case of a release of gas containing H₂S, 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 H₂S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H₂S 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 (SO₂). 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 H₂S and SO₂

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H ₂ S	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

<u>Artesia (505)</u>	<u>Cellular</u>	<u>Office</u>	<u>Home</u>
Foreman – BJ Cathey.....	390-5893	748-0176	887-6026
Asst. Foreman – Bobby Jones.....	748-7447	748-0176	746-3194
Don Mayberry	748-7180	748-5235	746-4945
Mike Myers	(505) 513-0782....	(505) 748-0187 ...	(505) 395-3020
Engineer – Tom Pepper	(405) 203-2242....	(405) 552-4513 ...	(405) 728-8641

Agency Call List

Eddy Artesia

<u>County</u>	State Police	746-2703
<u>(505)</u>	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

<i>Give</i>	Flight For Life - Lubbock, TX	(806) 743-9911
<i>GPS</i>	Aerocare - Lubbock, TX	(806) 747-8923
<i>position:</i>	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;

