

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

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

FEB 11 2009

NMOCD ARTESIA

State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-37621	Pool Code 78060	Pool Name Happy Valley; MORROW
Property Code 36231	Property Name ALGERITA "32" STATE	Well Number 3
OGRIID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY LP	Elevation 3349'

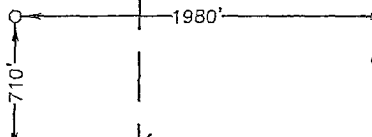
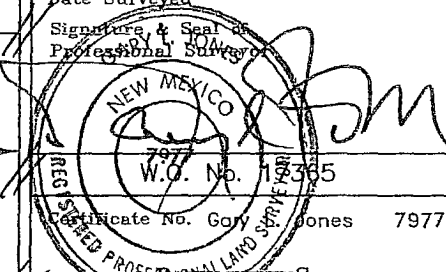
### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	32	22 S	26 E		710	SOUTH	1980	EAST	EDDY

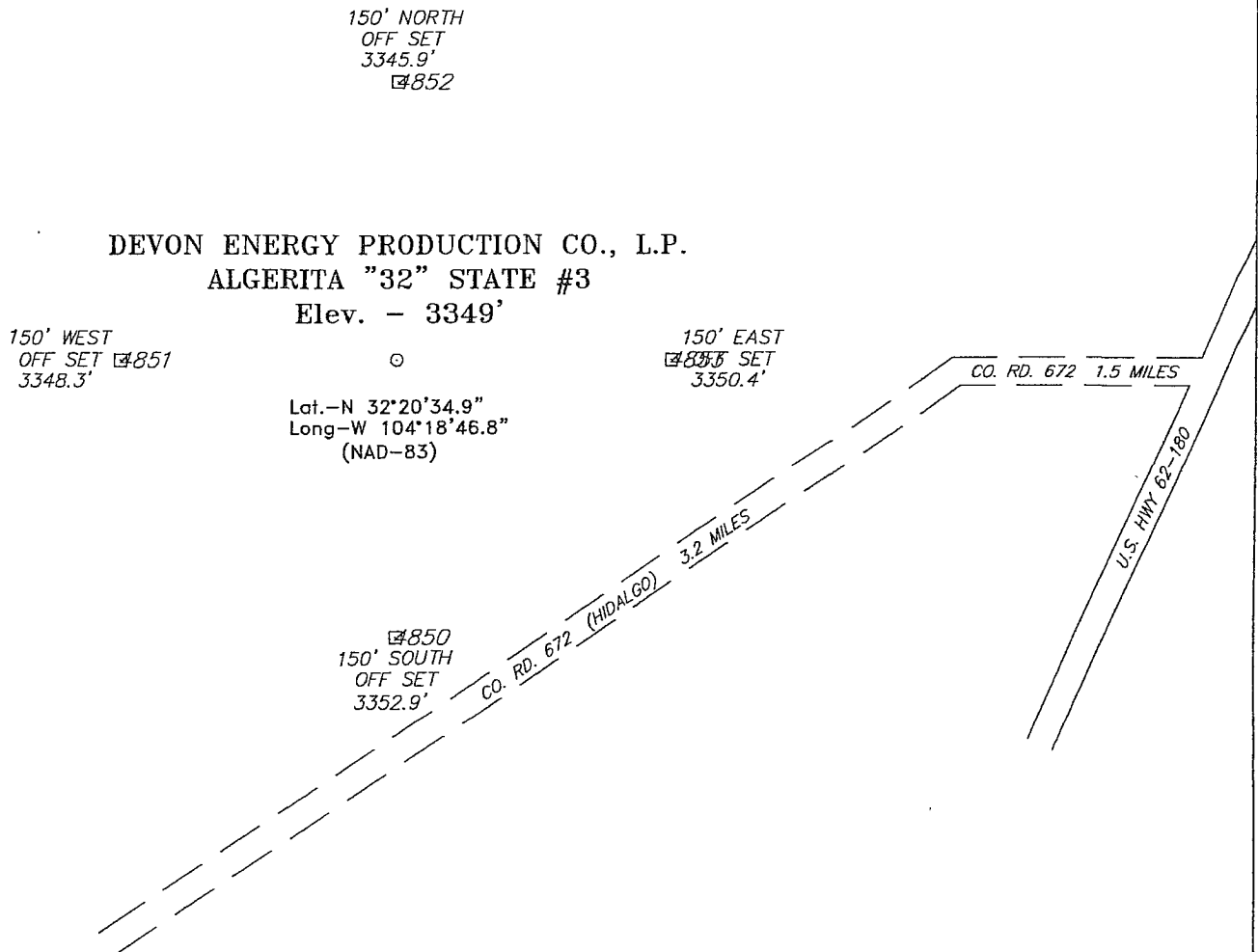
## Bottom Hole Location If Different From Surface

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

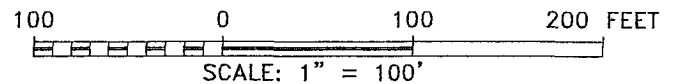
<div style="border: 1px dashed black; height: 400px; margin-bottom: 20px;"></div> <div style="border: 1px dashed black; padding: 10px; margin-bottom: 20px;"> <p style="text-align: center;">SURFACE LOCATION</p> <p>Lat - N32°20'34.9"</p> <p>Long - W104°18'46.8"</p> <p style="text-align: center;">(NAD-83)</p> </div> <div style="border: 1px dashed black; padding: 10px;">  </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><i>[Signature]</i></p> <p>Signature</p> </div> <div style="width: 45%;"> <p>10/29/10</p> <p>Date</p> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>STEPHANIE A. YSASAGA</p> <p>Printed Name</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">NOVEMBER 01, 2006</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Date Surveyed</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Signature &amp; Seal of Professional Surveyor</p> <div style="text-align: center;">  </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Certificate No. Gary Jones 7977</p> </div> </div>
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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 LOCATION.



**DEVON ENERGY PROD. CO., L.P.**

REF: ALGERITA "32" STATE #3 / WELL PAD TOPO

THE ALGERITA "32" STATE No. 3 LOCATED 710'

FROM THE SOUTH LINE AND 1980' FROM THE EAST LINE OF

SECTION 32, TOWNSHIP 22 SOUTH, RANGE 26 EAST,

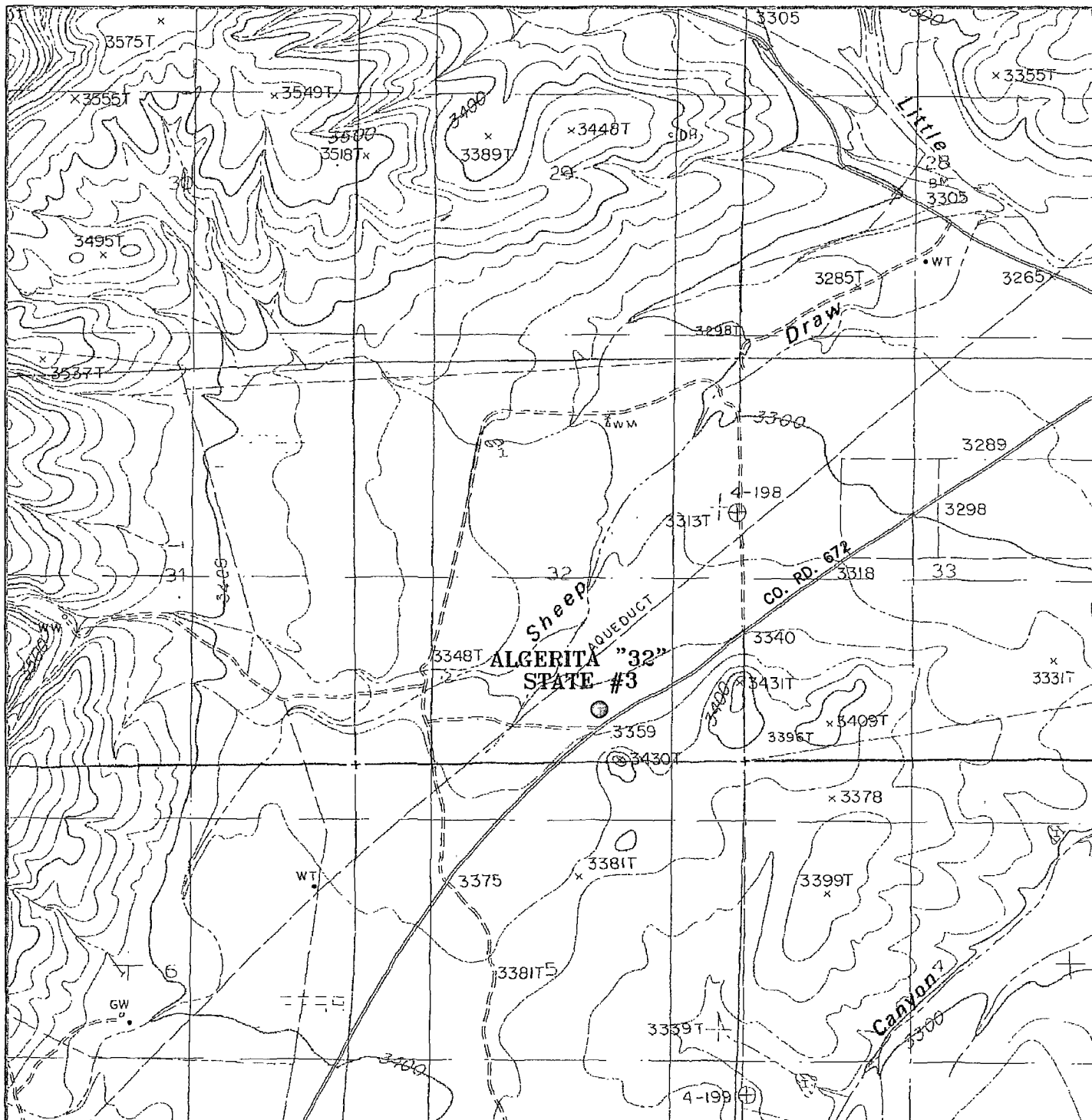
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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

W.O. Number: 17365 Drawn By: J. M. SMALL

Date: 11-02-2006 Disk: 17365W JMS

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



### ALGERITA "32" STATE #3

Located at 710' FSL AND 1980' FEL  
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

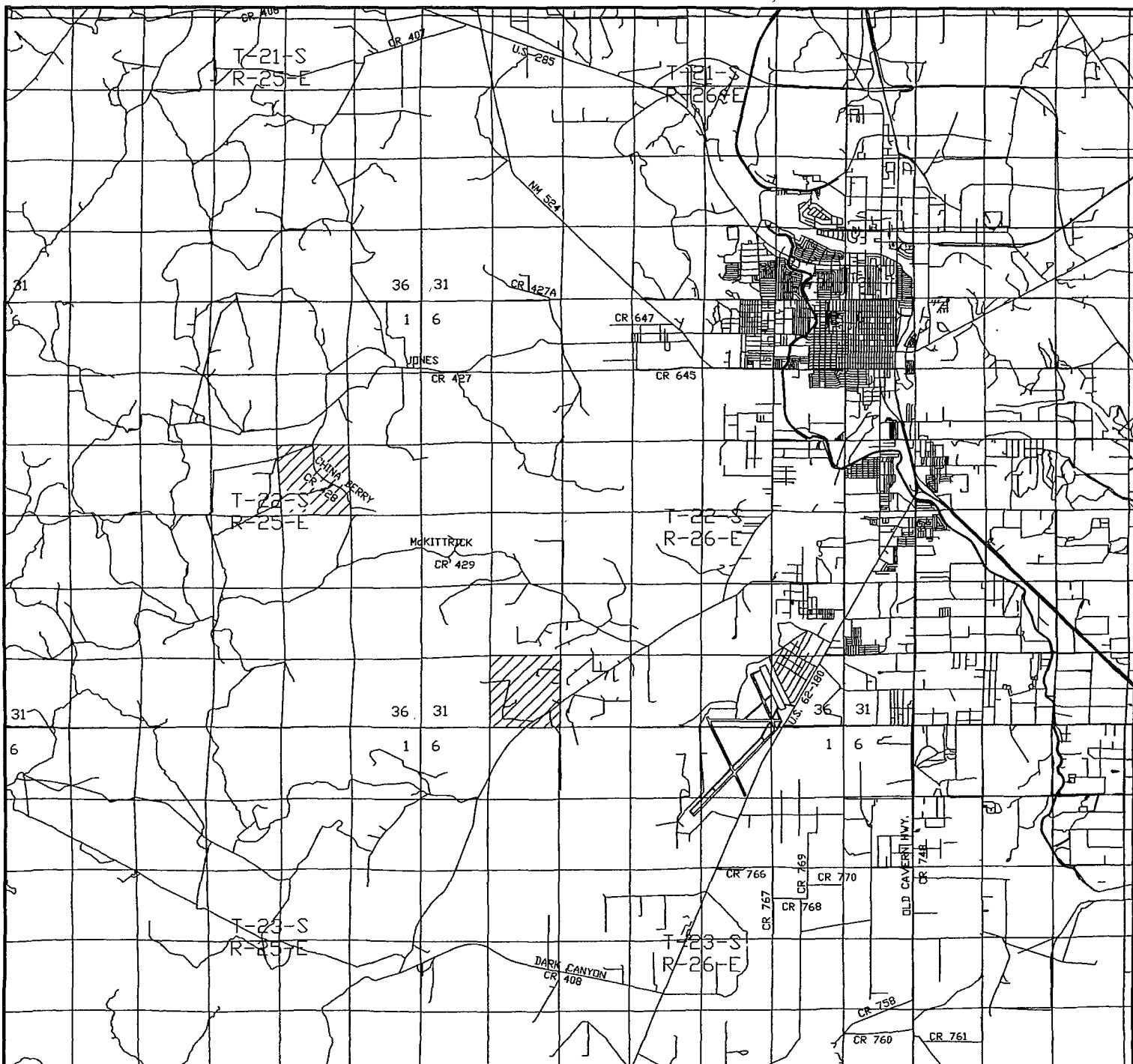
W.O. Number: JMS 17365T

Survey Date: 11-01-2006

Scale: 1" = 2000'

Date: 11-02-2006

**DEVON ENERGY**  
**PROD. CO., L.P.**



**ALGERITA "32" STATE #3**  
 Located at 710' FSL AND 1980' FEL  
 Section 32, Township 22 South, Range 26 East,  
 N.M.P.M., EDDY County, New Mexico.

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W.O. Number: JMS 17365T

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  
Station Rifleman 5 #4  
Effective Date  
Received Date 8/29/05

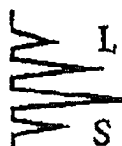
Analysis Date 8/30/2005  
Company Devon Energy  
Pulled Data 8/29/05  
Composite/Spot

<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

*Newby gas analysis for the Algeria 32 State 1 & 3.*

8/30/2005

**Laboratory Services Inc.**

2609 West Marland

Hobbs, New Mexico 88240

(505)397-3713

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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	

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<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
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

8/30/2005

ARTESIA, N.M.

AUG 0 8 2005

Wildcat Measurement Service  
 P.O. Box 1836  
 Artesia, New Mexico 88211-1836  
 TollFree 1888-421-9453  
 Office 9505-746-3481  
 "Quality and Service is our First Concern"

PDS 05/25/00

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

Analysis for: DEVON ENERGY PRODUCTION COMPANY  
 Well Name: RIPLEYMAN "5" FEDERAL #4  
 Field:

GPANGL L60

Sta. Number: 885-12-057  
 Purpose: SPOT-RFM  
 Sampling Temp: 82.2 DEG F  
 Volume/day: 1.8 MMCF/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: 0.8000

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 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 (H<sub>2</sub>S) Contingency Plan**

**For**

**Algerita "32" State Well # 3**

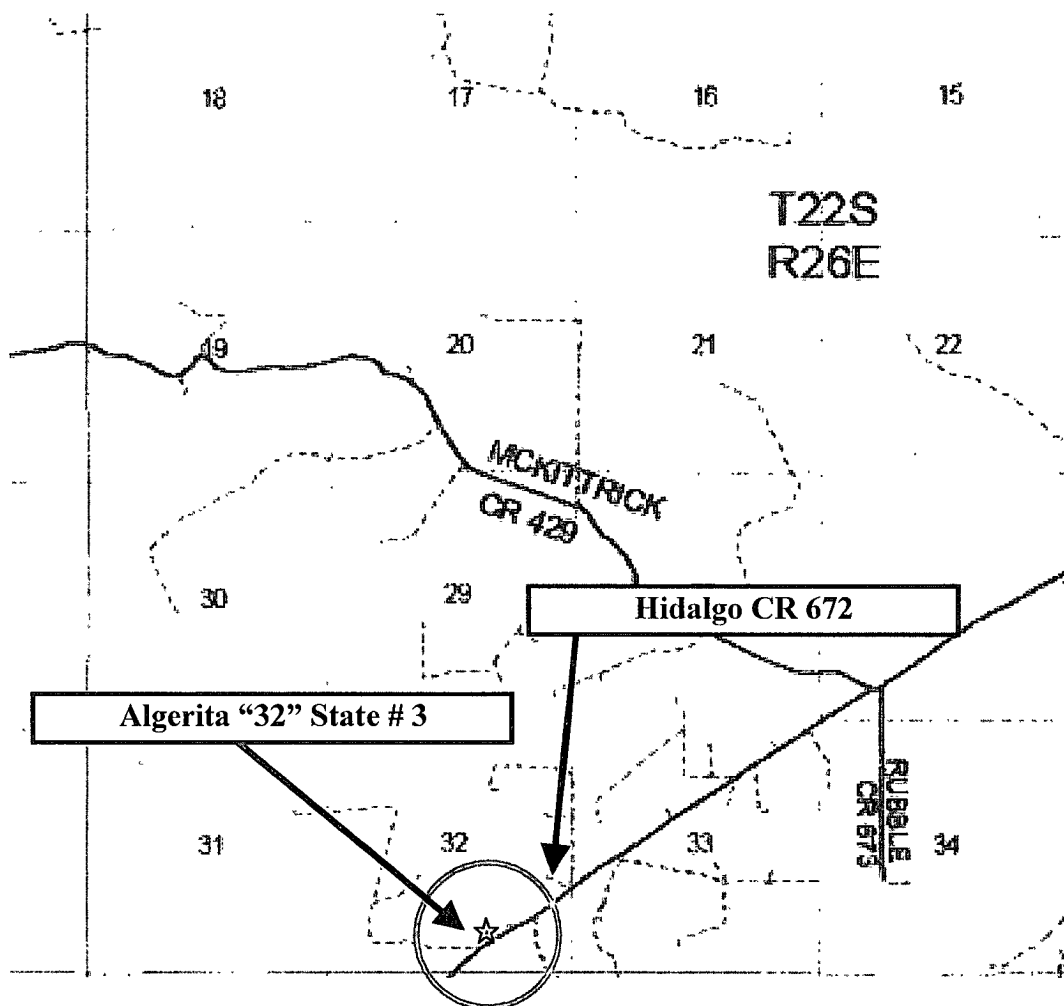
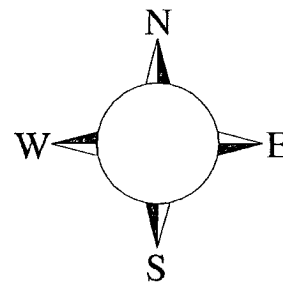
**710' FSL & 1980' FEL,  
Sec-32, T-22S R-26E**

**Eddy County NM**



## Algerita "32" State #3

This is an open drilling site. H<sub>2</sub>S monitoring equipment and emergency response equipment will be used within 500' of zones known to contain H<sub>2</sub>S, including warning signs, wind indicators and H<sub>2</sub>S monitor.



Assumed 100 ppm ROE = 3000' (Radius of Exposure)  
100 ppm H<sub>2</sub>S 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 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 are 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 H<sub>2</sub>S, 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<sub>2</sub>S, measures for protection against the gas, equipment used for protection and emergency response. Additionally, responders must be equipped with H<sub>2</sub>S 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<sub>2</sub>). 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<sub>2</sub>S and SO<sub>2</sub>

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H <sub>2</sub> S	1.189 Air = 1	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO <sub>2</sub>	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
Linda Berryman .....	(505) 748-0177 ...	(505) 513-0534 ...	
Engineer – Greg McGowen ....	(405) 464-9769 ...	(405) 228-8965 ...	(405)360-8998

## Agency Call List

<u>Eddy</u>	<u>Artesia</u>	
<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
	<b>Carlsbad</b>	
	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
	<b>Emergency Services</b>	
	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;

