

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

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 30-015-34782	Pool Code 85160	Pool Name Sheep Draw; Morrow (Gas)
Property Code	Property Name HACKBERRY "31" STATE	Well Number 2
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3381'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	22 S	26 E		920	SOUTH	1310	EAST	EDDY

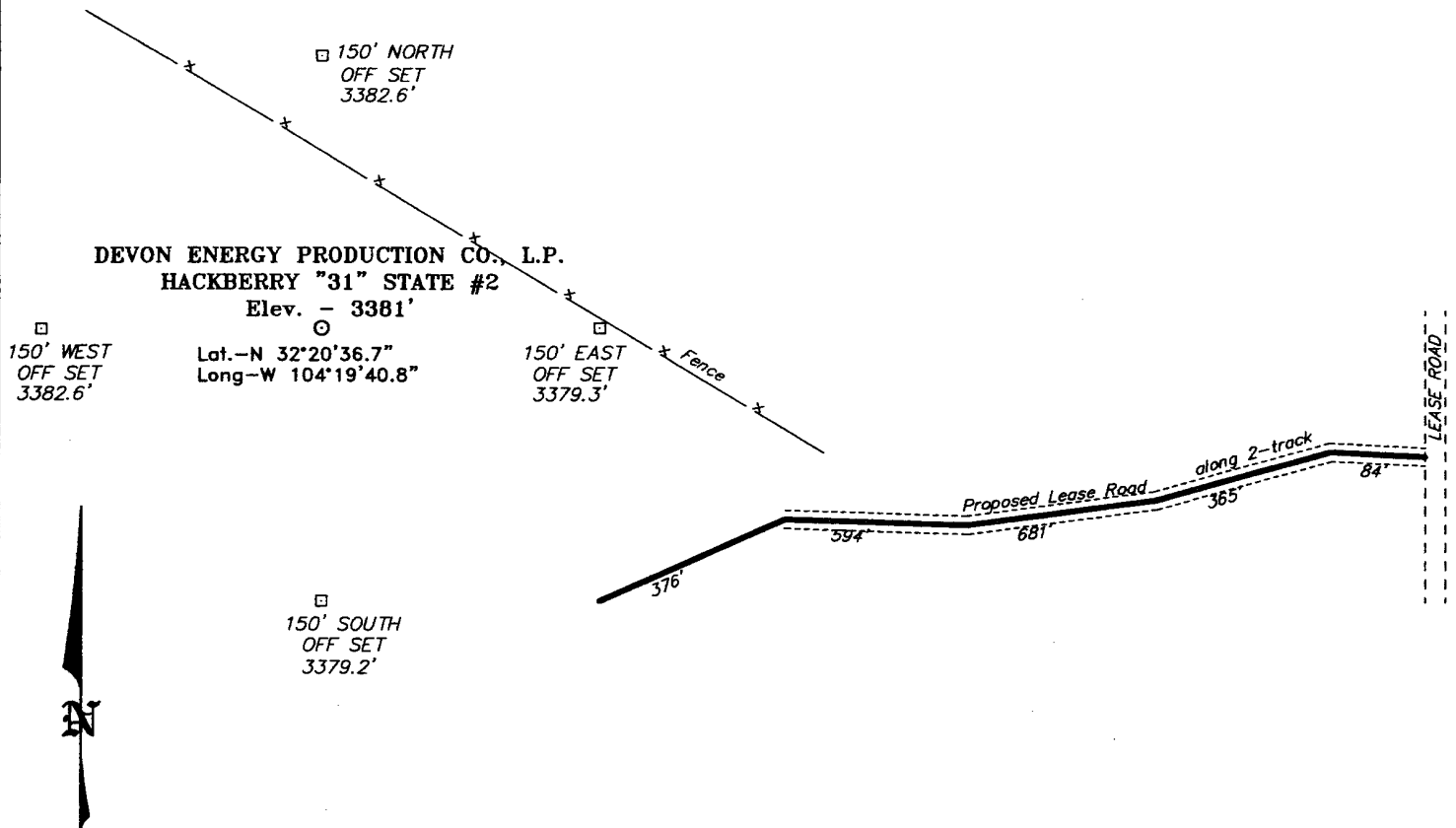
Bottom Hole Location If Different From Surface

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

	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 Sr. Staff Engineering Tech Title 04/10/06 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. MARCH 17, 2006 Date Surveyed Signature & Seal of Professional Surveyor W.O. No. 6359 Certificate No. Gary L. Jones - 7977 BASIN SURVEYS

SECTION 31, TOWNSHIP 22 SOUTH, RANGE 26 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF US HWY 62/180 AND CO.
RD. 672, GO EAST ON 672 FOR 5.5 MILES TO
LEASE ROAD; THENCE NORTH ON LEASE ROAD FOR
APPROX. 0.5 MILE TO PROPOSED LEASE ROAD
ALONG 2-TRACK ROAD.

100 0 100 200 FEET

SCALE: 1" = 100'

DEVON ENERGY PROD. CO., L.P.

REF: HACKBERRY "31" STATE No. 2 / Well Pad Topo

THE HACKBERRY "31" STATE No. 2 LOCATED 920' FROM
THE SOUTH LINE AND 1310' FROM THE EAST LINE OF
SECTION 31, TOWNSHIP 22 SOUTH, RANGE 26 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

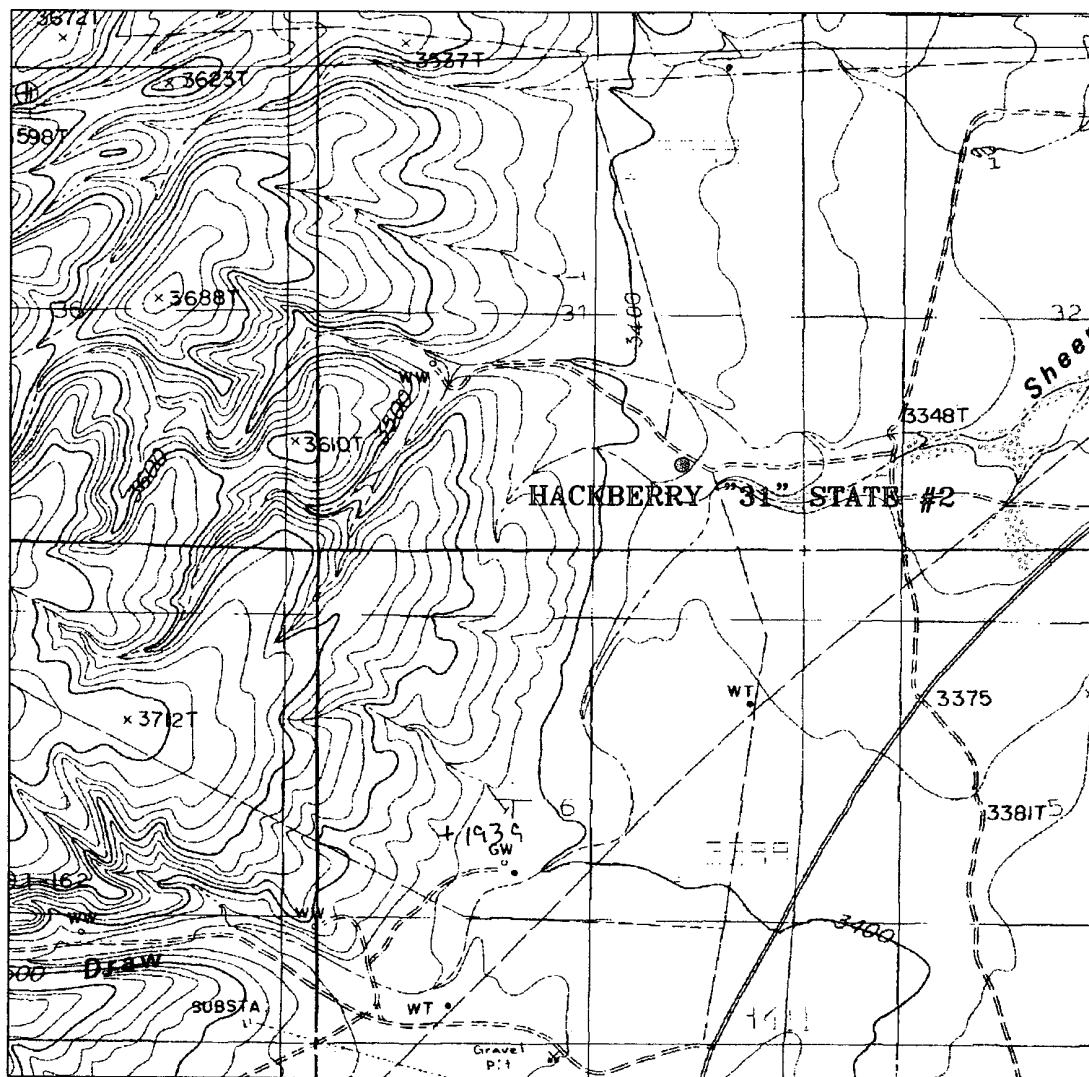
BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 6359 Drawn By: K. GOAD

Date: 03-20-2006 Disk: KJG CD#4 - 6359A.DWG

Survey Date: 03-17-2006

Sheet 1 of 1 Sheets



HACKBERRY "31" STATE #2

Located at 920' FSL AND 1310' FEL
Section 31, 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

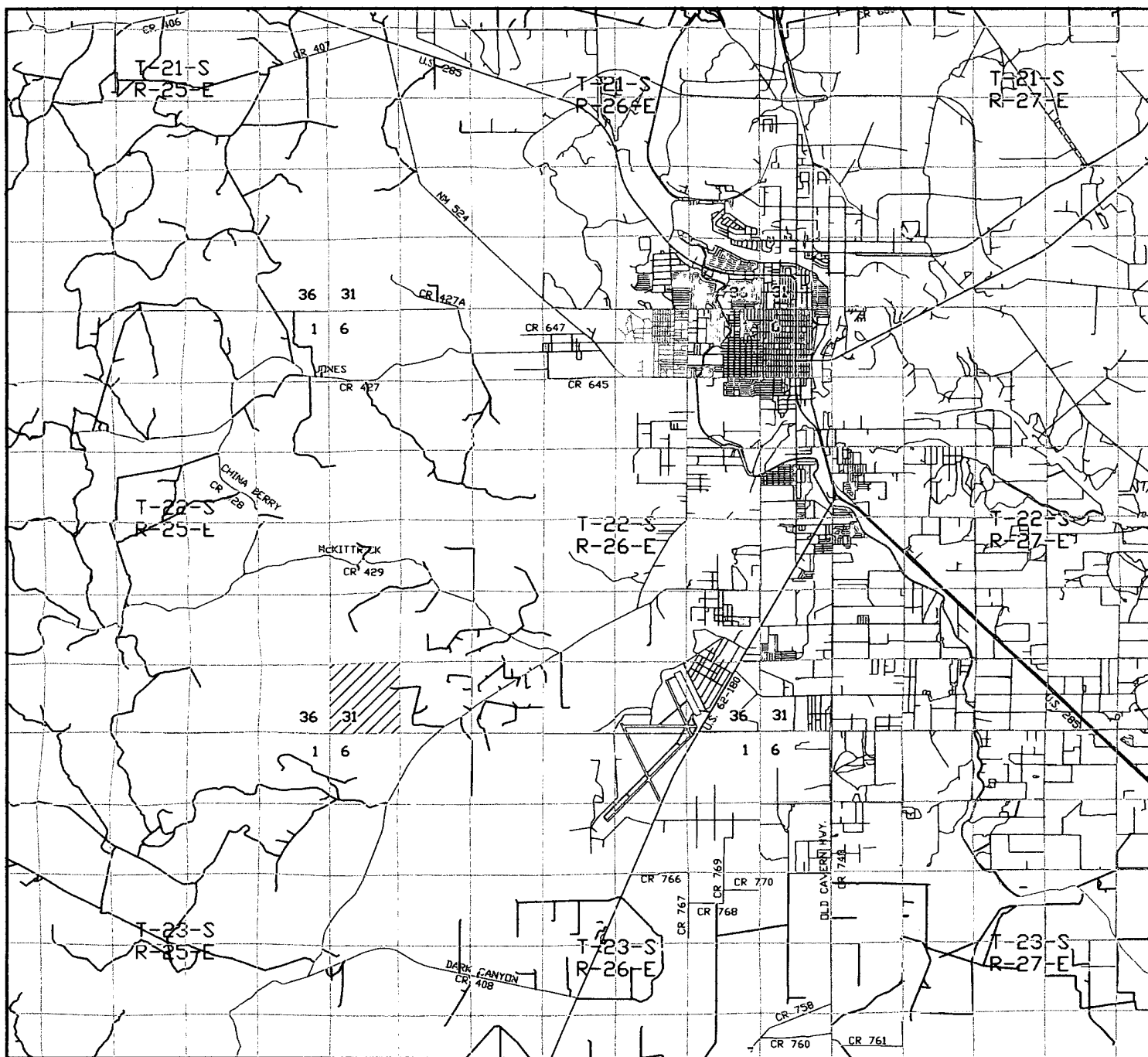
W.O. Number: 6359AA - KJG CD#4

Survey Date: 03-17-2006

Scale: 1" = 2000'

Date: 03-20-2006

DEVON ENERGY
PROD. CO., L.P.



HACKBERRY "31" STATE #2

Located at 920' FSL AND 1310' FEL
Section 31, Township 22 South, Range 26 East,
N.M.P.M., Eddy County, New Mexico.

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(505) 392-3074 - Fax
basinsurveys.com

W.O. Number: 6359AA - KJG CD#4

Survey Date: 03-17-2006

Scale: 1" = 2 MILES

Date: 03-20-2006

DEVON ENERGY
PROD. CO., L.P.



Devon Energy Production Company
20 North Broadway – Suite 1500
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-7802
Fax (405)-552-4553
Stephanie.Ysasaga@devn.com

April 10th, 2006

RESPEC
Environmental Division Manager
Attn: Dave Henard
4775 Indian School Road
NE, St 300
Albuquerque, NM 87110-3927

**Re: City of Carlsbad - Wellhead Protection Area Use Application
Hackberry 31 State 2
Lot P Sec 31-T22S-R26E Eddy County, NM**

Dear Dave Henard:

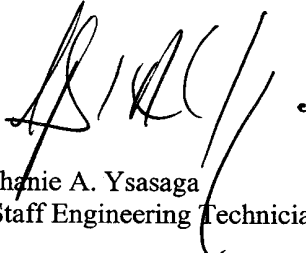
Enclosed you will find the following:

- City of Carlsbad: Wellhead Protection Area Use Application
- Hydrogen Sulfide (H₂S) Contingency Plan
- OCD C-101: Application for Permit to Drill, Re-enter, Deepen, Plugback or Add Zone
- C-102
- Drilling, Mud & Cementing Program

Original and copy have been Fed-Ex'd to Richard Aguilar at the City of Carlsbad. Should you have any questions or require additional information, please call me at (405)-552-7802.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.



Stephanie A. Ysasaga
Sr. Staff Engineering Technician

Enclosure

cc: City of Carlsbad
Richard Aguilar
101 N. Halagueno
Carlsbad, NM 88220



Devon Energy Production Company
20 North Broadway – Suite 1500
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-7802
Fax (405)-552-4553
Stephanie.Ysasaga@dvn.com

April 10th, 2006

City of Carlsbad
Environmental Services Manager
Attn: Richard Aguilar
101 N. Halagueno
Carlsbad, NM 88220

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Hackberry 31 State 2
Lot P Sec 31-T22S-R26E Eddy, New Mexico**

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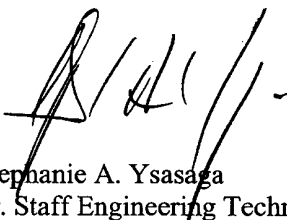
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Stephanie A. Ysasaga
Sr. Staff Engineering Technician

Enclosure

cc: RESPEC
Dave Henard
4775 Indian School Road
NE, St 300
Albuquerque, NM 87110-3927

CITY OF CARLSBAD
P. O. BOX 1569
CARLSBAD, NM 88221

**WELLHEAD & WATER FACILITIES
PROTECTION AREA
APPLICATION FOR LICENSE
OR PERMIT**

A separate application shall be required for each proposed crossing or use within the Wellhead or Water Facilities Protection Areas.

TYPE OF LICENSE REQUESTED

- ☐ Water Facility Crossing
☐ Water Facility Use

TYPE OF PERMIT REQUESTED

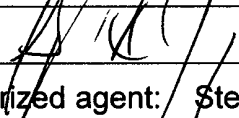
- ☒ Wellhead Protection Area Use
☒ Sheep Draw Wellfield
☐ Double Eagle Wellfield

Applicant Name: Devon Energy Production Co., L.P.		Filing Date: 4/7/06
If not Corporation, name of local Agent:		
In Corporation, Name of Registered Agent: Devon Energy Production Co. L.P.		
Telephone number(s): (405)-558-7802		
Applicant Address: 20 N. Broadway, Suite 1500	City, State, Zip Code: Oklahoma City, OK 73102	
Proposed site (including location of gathering lines, crossings, etc.): See attached H2S Plan.		
Name of lease owner: Devon Energy Production Co., L.P.		
Accurate description of location (with legal description of all acreage dedicated to well or legal description of easements to be used by pipeline, crossing, etc.): See C-102: Lot P Sec 31-T22S-R26E		
Location with respect to property lines, right-of-way boundaries, and surface contours: See C-102 SESE 920' FSL & 1310' FEL		
If in City limits, identify location of public notice signs: N/A		
Ground elevation at well site: 3381'		
Type of derrick, if applicable: 142 Jackknife		

Application continues on reverse side

Note: Attach all applications and forms submitted to or received from OCD, State Land Office, and/or BLM, as applicable.

Proposed depth of well or pipeline: 11,675'
Detailed explanation of operating pressures of pipelines and facilities: Minimum working pressure of the blowout preventer and related equipment (BOPE) required for drilling below the 9 5/8" intermediate casing shall be 5000 psi.
Location and operating characteristics of compressor, compressor control or safety devices: N/A
Typed or printed name of Emergency Contract with telephone number(s): Don Mayberry, Superintendent (505)-748-3371 or Cell (505)-748-5235
Have you attached a current certified financial statement: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Signature of authorized agent: 	Date: April 7, 2006
Typed or Printed name of authorized agent: Stephanie Ysasaga	

License: ☐ Preliminary Approval Date: _____

City Administrator

☐ Final Approval Date: _____

City Administrator

Permit: ☐ Approved ☐ Disapproved by Council Date: _____

This Permit incorporates by reference and requires compliance with all applicable City Ordinances and regulations, and all applicable laws, rules, regulations and requirements of the Oil Conservation Commission, the Oil Conservation Division, the State Land Office and the Bureau of Land Management.

City Administrator Date



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

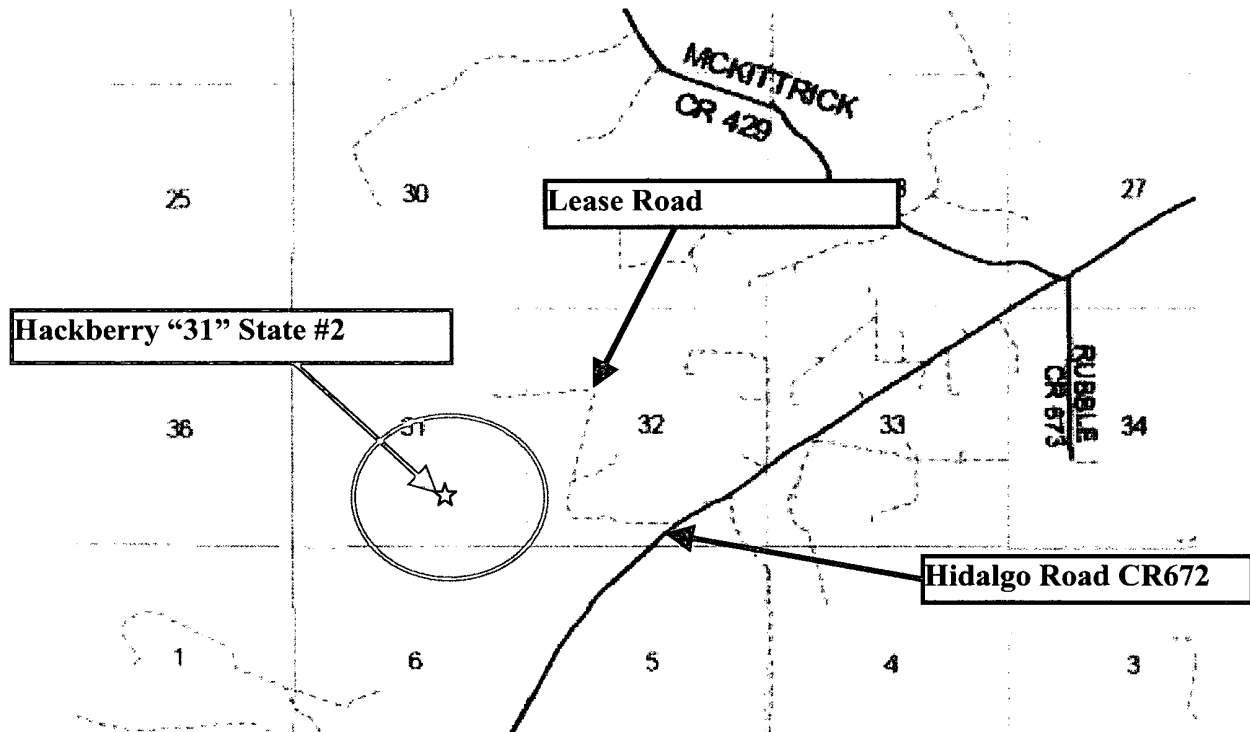
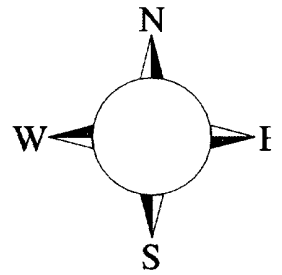
Hackberry "31" State #2

**920' FSL & 1310' FEL,
Sec-31, T-22S R-26E**

Eddy County NM

Hackberry "13" State # 2

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 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 from lease road East on the lease road. Drivers on the lease road must be flagged and stopped so as to prevent entering into a hazardous area. There are no homes in or near the assumed ROE. Crews should then block off the road and not allow entry into hazardous gas 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	748-5235	748-3371	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

<u>Eddy</u>	<u>Artesia</u>	
<u>County</u>		
<u>(505)</u>	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
<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;

