

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address DEVON ENERGY PRODUCTION COMPANY, LP 20 N. Broadway Oklahoma City, OK 73102		OGRID Number 6137
		API Number 30-015-33159
Property Code 32439	Property Name RIFLEMAN 5 STATE COM	Well No. 002Y

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
G	5	22S	26E	G	1725	N	1750	W	Eddy

Proposed Pools

HAPPY VALLEY;MORROW (GAS) 78060

Work Type New Well	Well Type GAS	Cable/Rotary	Lease Type State	Ground Level Elevation 3294
Multiple N	Proposed Depth 11500	Formation Morrow	Contractor	Spud Date 01/06/2004

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	650	550	0
Intl	12.25	9.625	40	2200	800	0
Prod	7.875	5.5	17	11500	1800	4000

Casing/Cement Program: Additional Comments

13 3/8 Cmt Lead w/300 sx Class C & Tail w/250 Class C 9 5/8 Cmt Lead w/600sx Class C & tail w/200 sx Class C 5 1/2 Cmt Lead w/1400 sx Class C & tail w/400 sx Class C, TOC 4000

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Electronically Signed By: Karen Cottom		Electronically Approved By: Bryan Arrant	
Title: Operations Technician		Title: Geologist	
Date: 01/06/2004		Approval Date: 01/06/2003	Expiration Date: 01/06/2004
Phone: 405-228-7512		Conditions of Approval: There are conditions. See Attached.	

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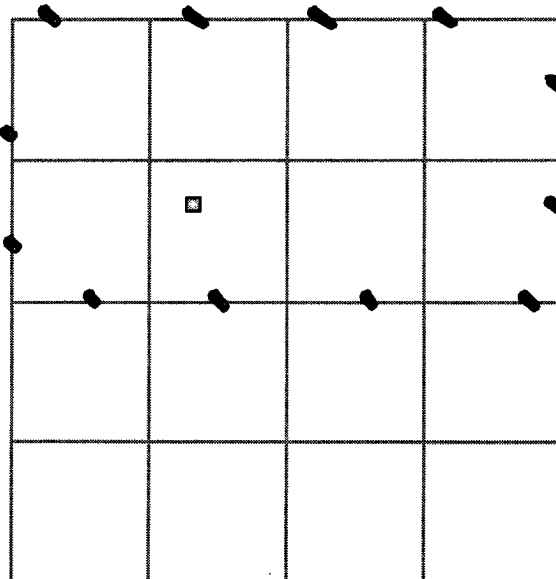
Form C-102

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33159	Pool Name HAPPY VALLEY;MORROW (GAS)	Pool Code 78060
Property Code 32439	Property Name RIFLEMAN 5 STATE COM	Well No. 002Y
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, LP	Elevation 3294

Surface And Bottom Hole Location

UL or Lot G	Section 5	Township 22S	Range 26E	Lot Idn G	Feet From 1725	N/S Line N	Feet From 1750	E/W Line W	County Eddy
Dedicated Acres 321.36		Joint or Infill		Consolidation Code		Order No.			

**OPERATOR CERTIFICATION**

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

Electronically Signed By: Karen Cottom

Title: Operations Technician

Date: 01/06/2004

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.

Surveyed By: Ronald Eidson

Date of Survey: 04/07/2003

Certificate Number: 3239

Permit Conditions Of Approval

Operator: DEVON ENERGY PRODUCTION COMPANY, LP , 6137

Well: RIFLEMAN 5 STATE COM #002Y

OCD Reviewer	Condition
BARRANT	Fresh water mud or air only for surface and intermediate hole.
BARRANT	Notify OCD time to witness cementing of surface and intermediate casing strings.



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

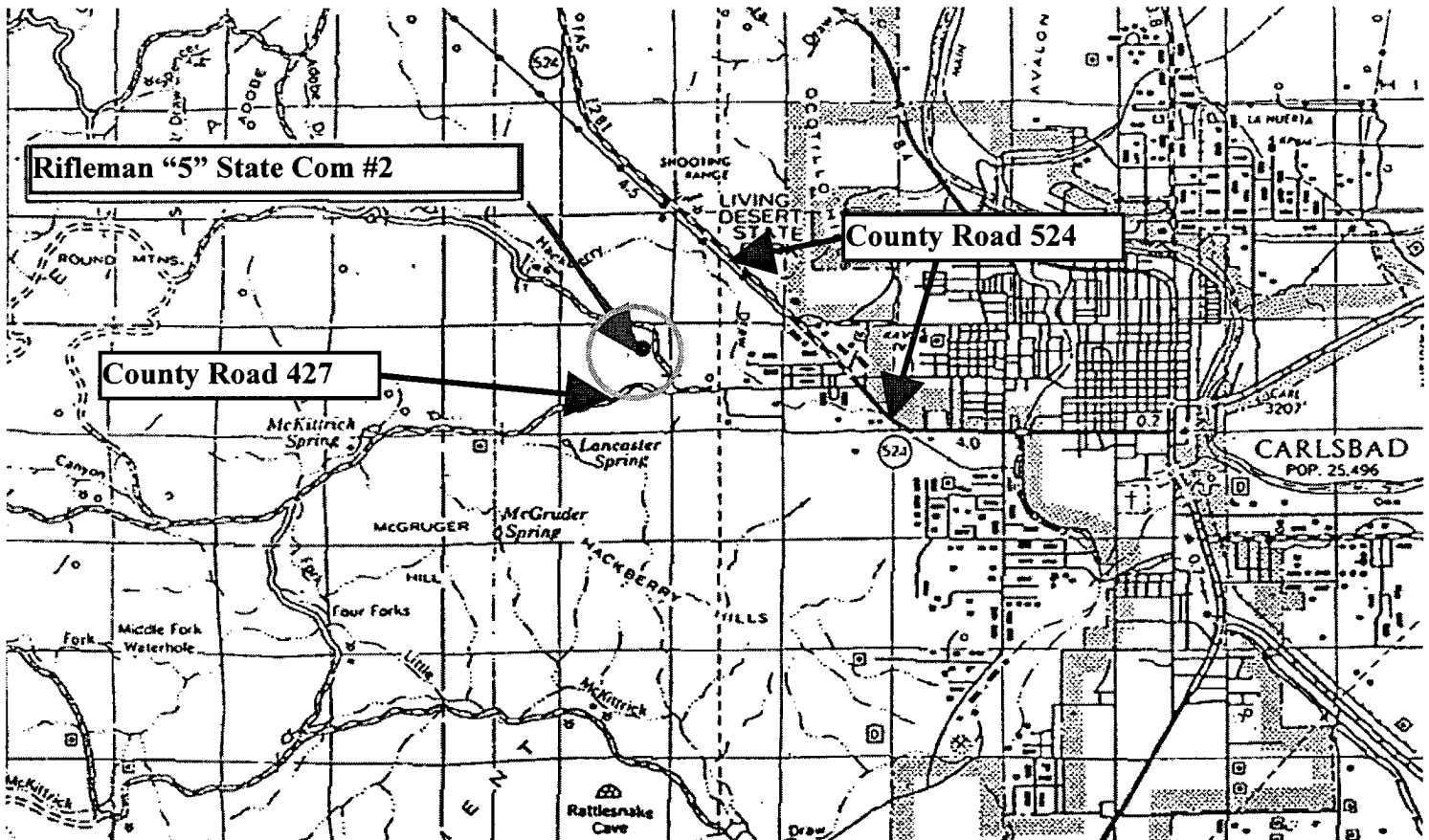
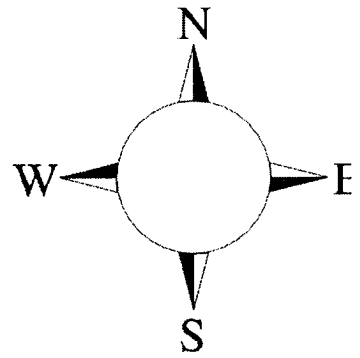
Rifleman “5” St Com #2

**1750 FNL & 1750 FEL,
Unit G, Sec-5 T-22S R-26E**

Eddy County NM

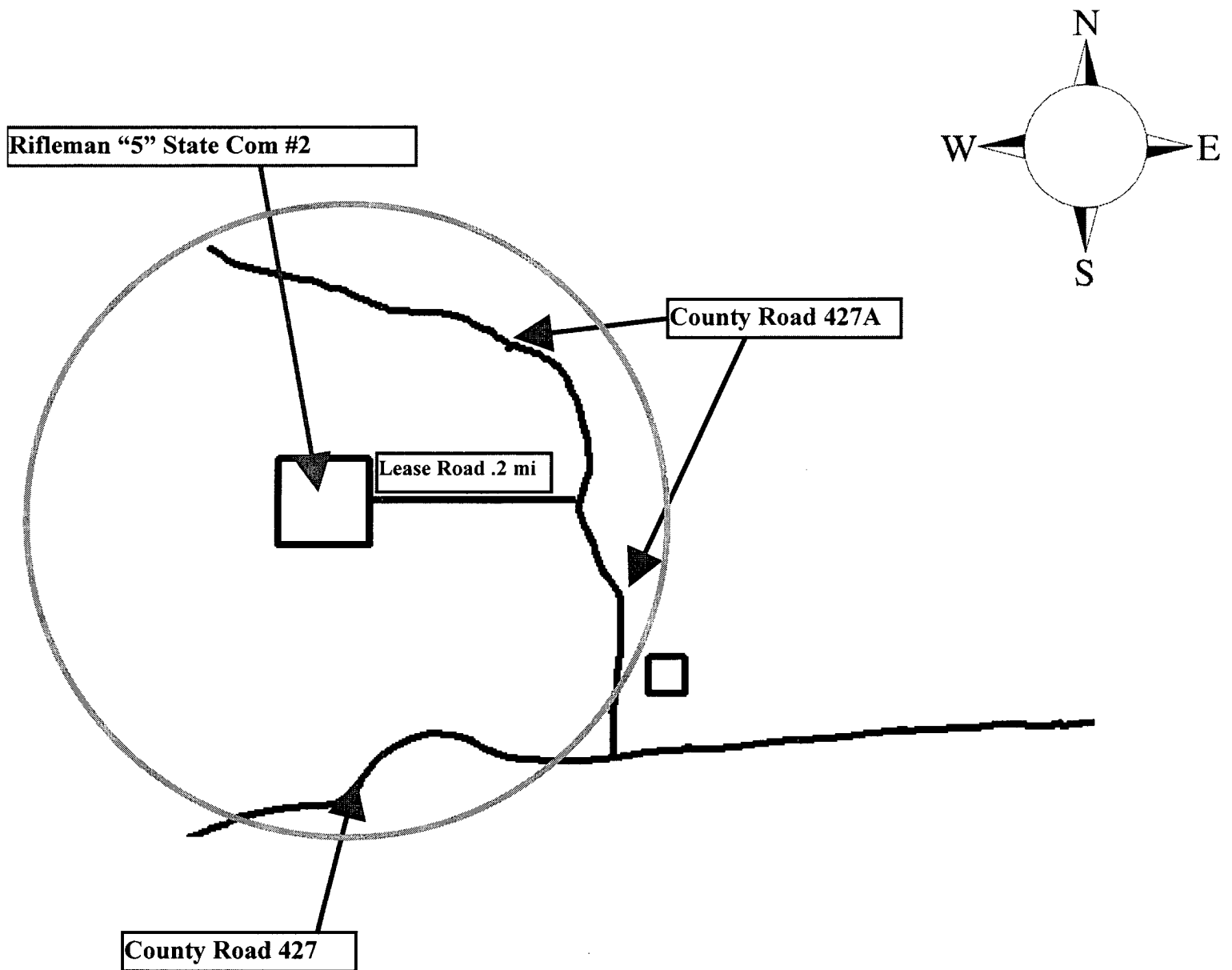
Rifleman "5" St Com #2

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 ~~ROD~~ 3000'
100 ppm H₂S concentration shall trigger activation of this plan.

See next page for closer in view



Assumed 100 ppm ROE = 3000'
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 on county road 427 East and County Road 427A Northwest. Drivers in all three directions of the county roads must be flagged and stopped so as to prevent traversing into a hazardous area. Occupants of the single home in the are should be apprised of the situation and appropriate steps taken to ensure their safety.

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
Cecil Thurmond	748-7180	748-0171	887-1479
David Purdy	(432)631-2969	(432)495-7279	(432)683-0735
Engineer – Tom Pepper	(405) 203-2242	(405) 552-4513 ...	(405) 728-8641

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

Other

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
Flight For Life -4000 24th St, Lubbock, TX	(806) 743-9911
Aerocare -Rr 3 Box 49f, Lubbock, TX	(806) 747-8923
Med Flight Air Amb 2301 Yale Blvd SE #D3, Albuq, NM	(505) 842-4433
S B Air Med Svc 2505 Clark Carr Loop SE, Albuq, NM	(505) 842-4949

Prepared in conjunction with
Wade Rohloff of;

