

EC

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

| | | | |
|--|--|--|--|
| 1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER | | 5. Lease Serial No. NMLC067849 | |
| 1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone | | 6. If Indian, Allottee or Tribe Name | |
| 2. Name of Operator DEVON ENERGY PRODUCTION CO L P | | 7. If Unit or CA Agreement, Name and No. | |
| Contact: KAREN COTTOM E-Mail: karen.cottom@dvn.com | | 8. Lease Name and Well No. EAGLE 34D FEDERAL 50 | |
| 3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102 | | 9. API Well No. 30-015-33262 | |
| 3b. Phone No. (include area code) Ph: 405.228.7512 Fx: 405.552.4621 | | 10. Field and Pool, or Exploratory RED LAKE; GLORIETA-YESO, NE | |
| 4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 990FNL 430FWL At proposed prod. zone NWNW 990FNL 430FWL | | 11. Sec., T., R., M., or Blk. and Survey or Area Sec 34 T17S R27E Mer NMP SME: BLM | |
| 14. Distance in miles and direction from nearest town or post office* APPROX 5 MILES SOUTHEAST OF ARTESIA NM | | 12. County or Parish EDDY | |
| 15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | | 13. State NM | |
| 16. No. of Acres in Lease 800.00 | | 17. Spacing Unit dedicated to this well 40.00 | |
| 18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. | | 20. BLM/BIA Bond No. on file | |
| 19. Proposed Depth 4000 MD | | 21. Elevations (Show whether DF, KB, RT, GL, etc.) 3517 GL | |
| 22. Approximate date work will start 12/31/2003 | | 23. Estimated duration 45 DAYS | |

24. Attachments

ROSWELL CONTROLLED WATER BASIN

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

| | | |
|--|---|---------------------|
| 25. Signature (Electronic Submission) | Name (Printed/Typed) KAREN COTTOM | Date 12/10/2003 |
| Title OPERATIONS TECHNICIAN | | |
| Approved by (Signature) /s/ Joe G. Lara | Name (Printed/Typed) /s/ Joe G. Lara | Date 29 JAN 2004 |
| ACTING FIELD MANAGER | Office CARLSBAD FIELD OFFICE | |

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #25985 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad

Committed to AFMSS for processing by LINDA ASKWIG on 12/11/2003 (04LA0154AE)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS
AND SPECIAL STIPULATIONS
ATTACHED.

Witness Surface Casing.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional Operator Remarks:

Devon Energy Production Company, LP proposes to drill a San Andres, Glorieta Yeso well per the approved Master Drilling and Surface Use Plan for the Red Lake Field Area to 4000' TD for commercial quantities of oil and gas. If the well is deemed noncommercial the well bore will be plugged and abandoned per Federal regulations.

Approximately 602' of new access road will be constructed per the MDSUP

Directions: From the junction of US Hwy 82 and Co. Rd. 204, go south 0.1 mile to Co. Rd. 225; thence south on 225 for approx 2.1 mile to lease road; thence northwest on lease road; thence west on lease road for approx. 1.5 mile to lease road; thence west on lease road for approx 0.75 mile to a proposed lease road.

Please see attached MDSUP.

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 | Pool Code 96836 | Pool Name RED LAKE GLORIETA YESO, NE |
| Property Code | Property Name EAGLE "34D" FEDERAL | Well Number 50 |
| OGRID No. 6137 | Operator Name DEVON ENERGY PRODUCTION CO., L.P. | Elevation 3517' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 34 | 17 S | 27 E | | 990 | NORTH | 430 | WEST | EDDY |

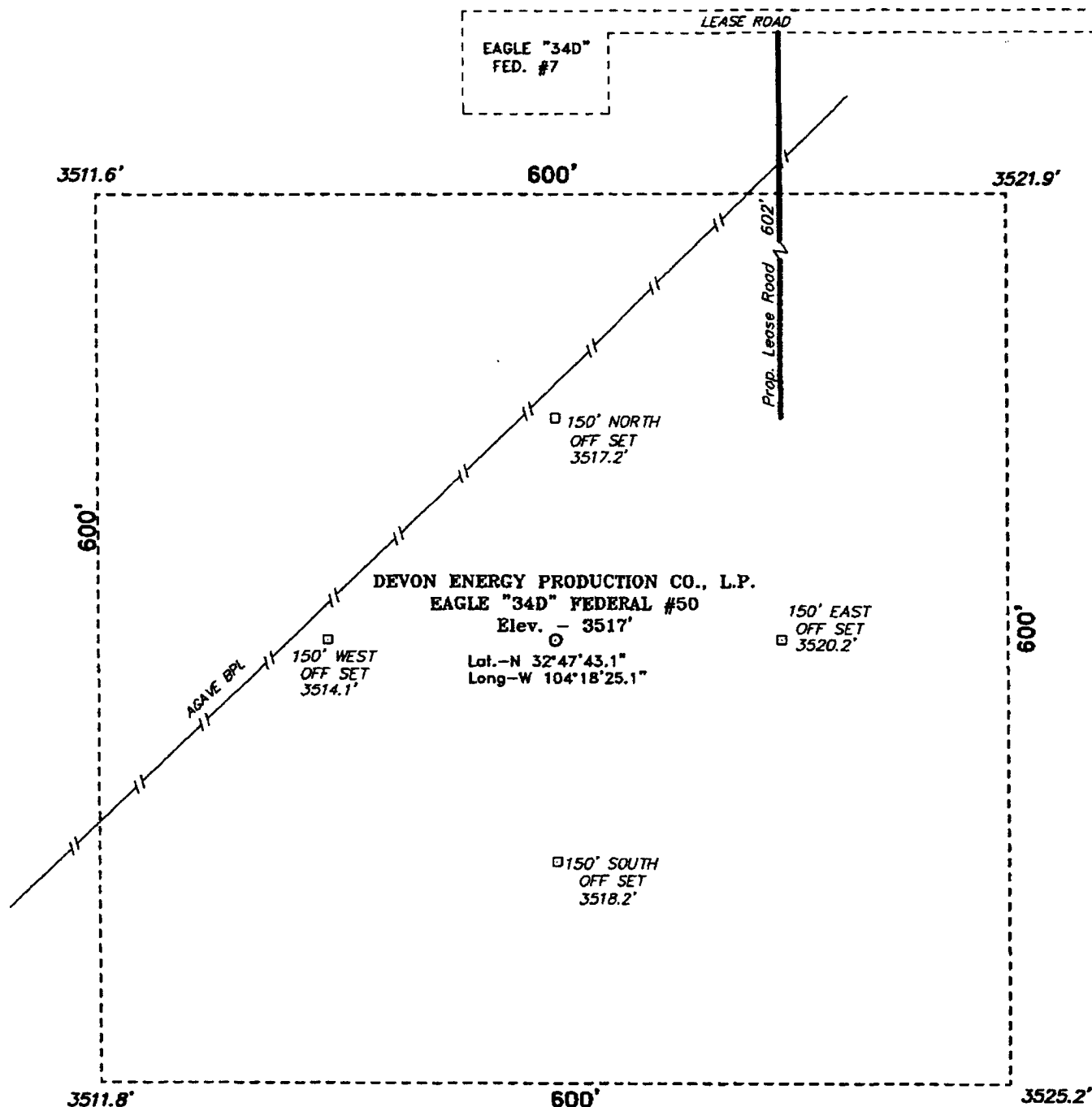
Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres 40 | 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

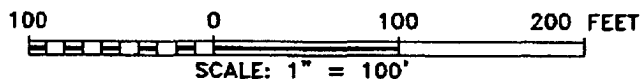
| | | |
|--|---|--|
| <p>Lot - N32°47'43.1" Long - W104°18'25.1"</p> | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Karen Cottom</i> Signature Karen Cottom Printed Name Operations Technician Title December 9, 2003 Date</p> | |
| | <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>NOVEMBER 26, 2003 Date Surveyed</p> | |
| | <p>Signature of Professional Surveyor BRY L JONES Professional Surveyor 7977 No. 3810 Certificate No. 7977 BASIN SURVEYS</p> | |
| | | |

**SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.**



Directions to Location:

FROM THE JUNCTION OF US HWY 82 AND CO. RD. 204, GO SOUTH 0.1 MILE TO CO. RD. 225; THENCE SOUTH ON 225 FOR APPROX. 2.1 MILE TO LEASE ROAD; THENCE NORTHWEST ON LEASE ROAD FOR APPROX. 1.5 MILE TO LEASE ROAD; THENCE WEST ON LEASE ROAD FOR APPROX. 0.75 MILE TO A PROPOSED LEASE ROAD.



DEVON ENERGY PROD. CO., L.P.

REF: EAGLE "34D" FED. No. 50 / Well Pad Topo

THE EAGLE "34D" FED. No. 50 LOCATED 990' FROM
THE NORTH LINE AND 430' FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Basin Surveys P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 3810

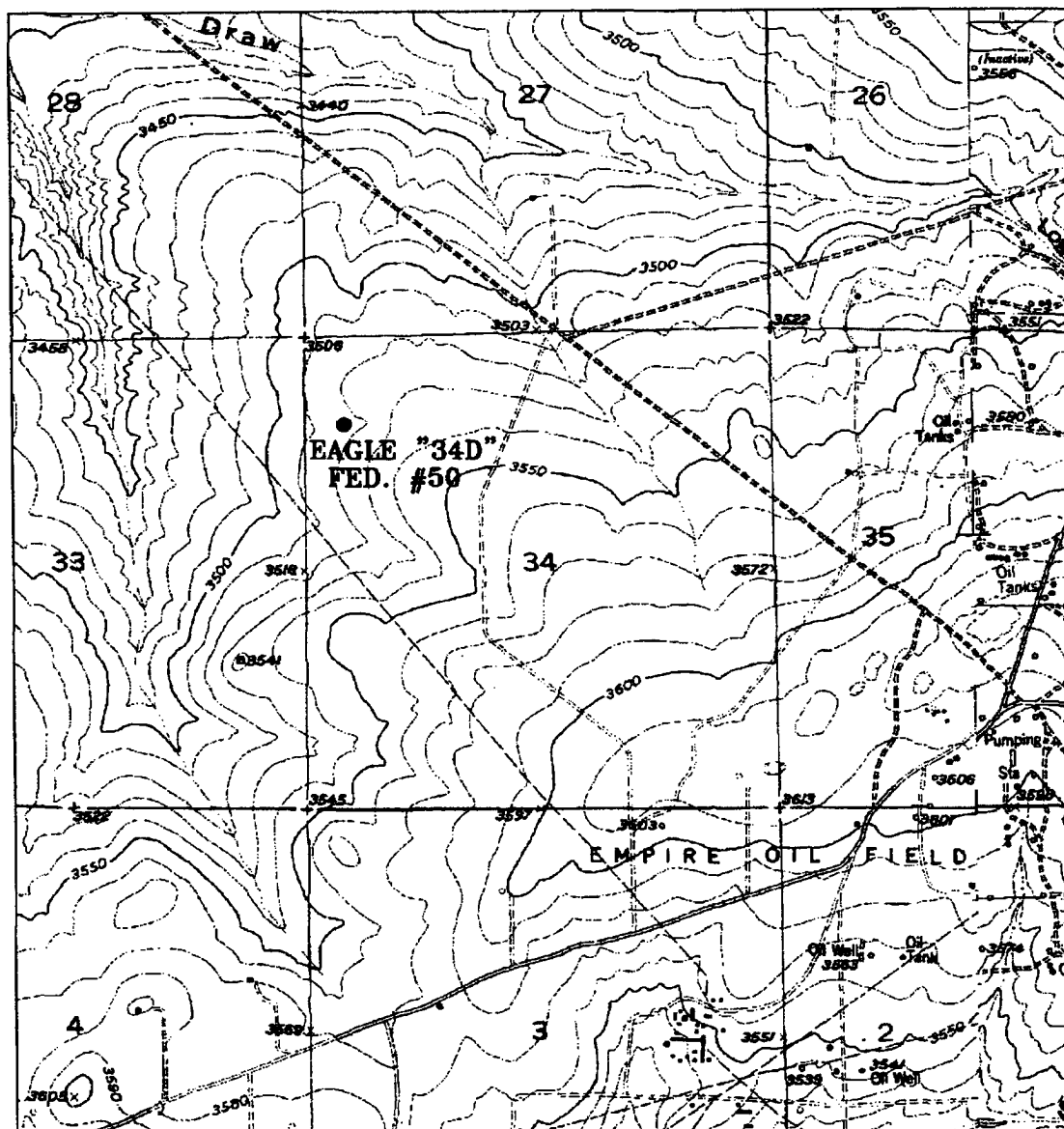
Drawn By: K. GOAD

Date: 12-01-2003

Disk: KJG CD#4 - 3810A.DWG

Survey Date: 11-26-2003

Sheet 1 of 1 Sheets



EAGLE "34D" FEDERAL #50

990' FNL AND 430' FWL

Section 34, Township 17 South, Range 27 East,
N.M.P.M., Eddy County, New Mexico.



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

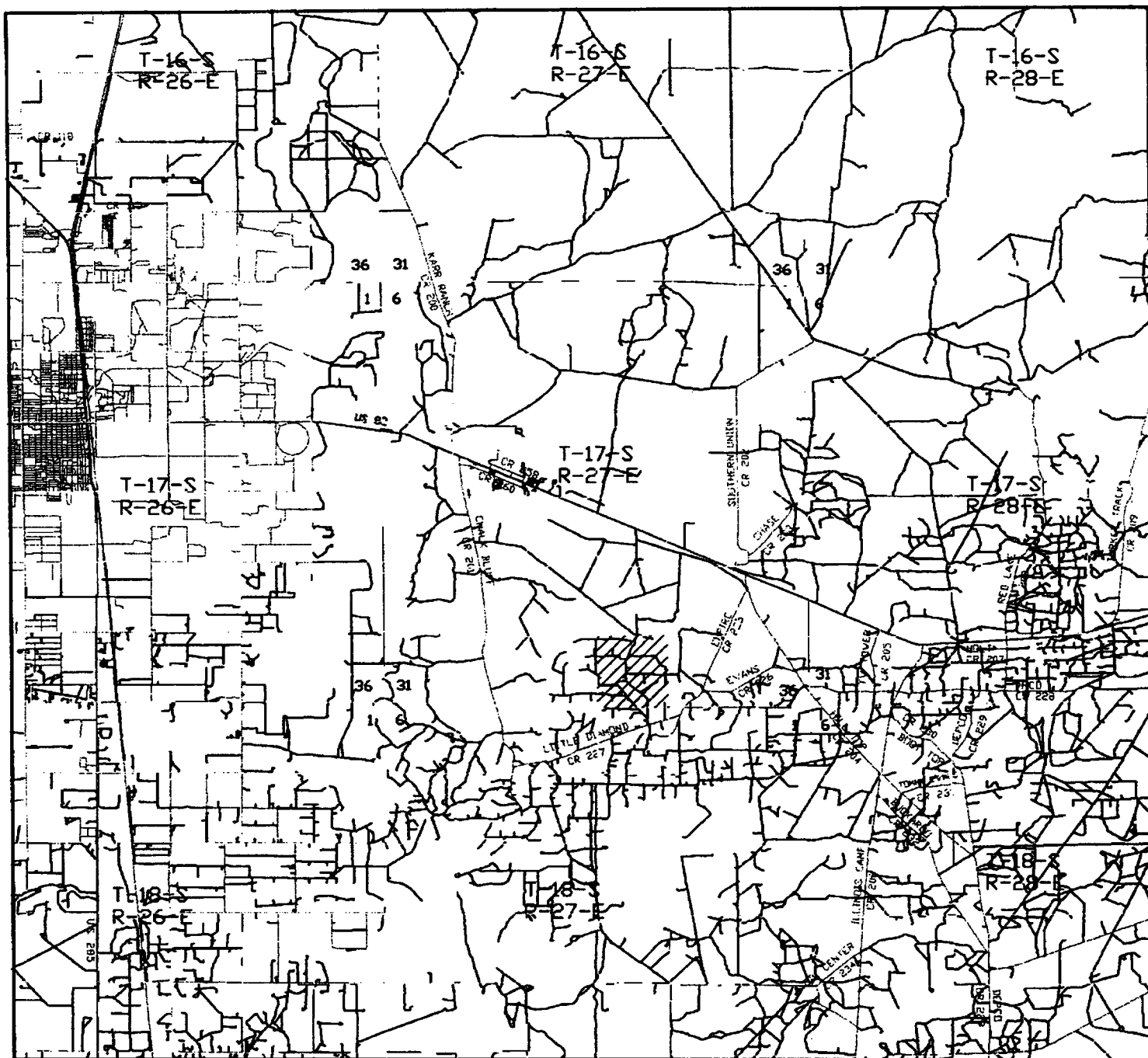
W.O. Number: 3810AA - KJG CD#4

Survey Date: 11-26-2003

Scale: 1" = 2000'

Date: 12-01-2003

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



EAGLE "34D" FEDERAL #50
990' FNL AND 430' FWL
Section 34, Township 17 South, Range 27 East,
N.M.P.M., Eddy County, New Mexico.

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

W.O. Number: 3810AA - KJG CD#4

Survey Date: 11-25-2003

Scale: 1" = 2 MILES

Date: 12-01-2003

DEVON ENERGY
PROD. CO., L.P.



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

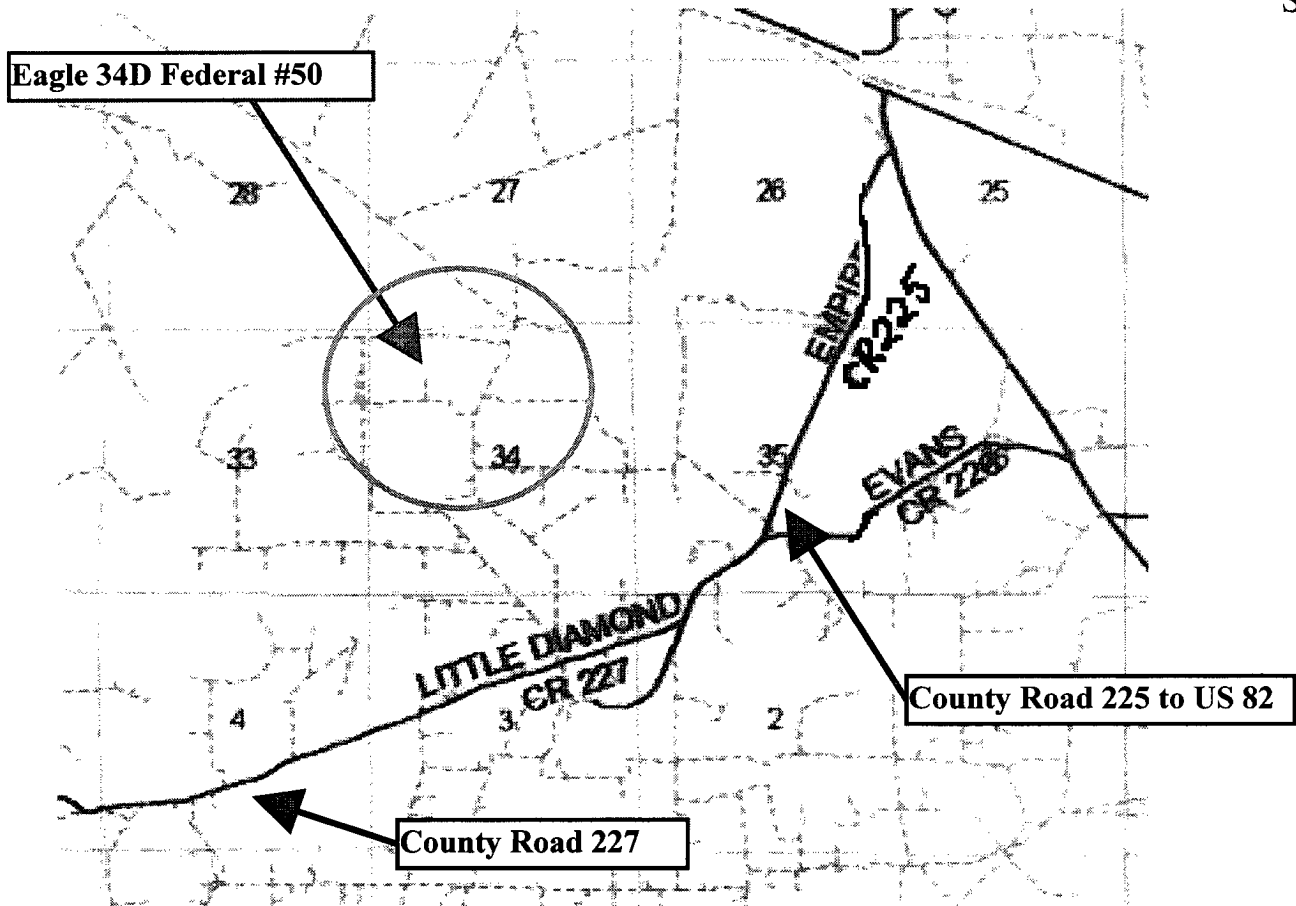
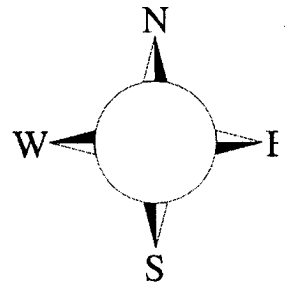
Eagle 34D Federal # 50

**990' FNL & 430' FWL,
Sec-34, T-17S R-27E**

Eddy County NM

Eagle 34D Federal # 50

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 east on lease road. Crews should then block entrance to the location from the lease road so as not to allow anyone traversing into a hazardous area. There are no homes or buildings in or near the ROE.

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;

