

EC

OCD-ARTESIA

Form 3160-3
(August 1999)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

5. Lease Serial No.
NMNM0557370

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
EAGLE 34B FEDERAL 48

9. API Well No.

30-015-33273

10. Field and Pool, or Exploratory
RED LAKE; GLORIETA-YESO, NE

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 34 T17S R27E Mer NMP
SME: BLM12. County or Parish
EDDY13. State
NM

17. Spacing Unit dedicated to this well

40.00

20. BLM/BIA Bond No. on file

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 COTTOMDate
12/10/2003Title
OPERATIONS TECHNICIANApproved by (Signature)
/s/ Joe G. Lara

Name (Printed/Typed) /s/ Joe G. Lara

Date JAN 2004

Title
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 #25990 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 (04LA0155AE)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.

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 for approx 1.1 mile to proposed well pad
Please see attached MDSUP.

EC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. EAGLE 34B FEDERAL 48
2. Name of Operator DEVON ENERGY PRODUCTION CO L P		9. API Well No.
3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102	Contact: KAREN COTTOM E-Mail: karen.cottom@dvn.com	10. Field and Pool, or Exploratory RED LAKE; GLORIETA-YESO
3b. Phone No. (include area code) Ph: 405.228.7512 Fx: 405.552.4621		11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T17S R27E NWNE 330FNL 1650FEL		

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company, LP request approval to move the referenced well per Barry Hunt.
Pipeline within 50', move location and have V door South

Old Location : 330 FNL & 1650 FEL
New Location : 330 FNL & 1600 FEL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #26952 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad Committed to AFMSS for processing by ARMANDO LOPEZ on 01/20/2004 (04AL0023SE)	
Name (Printed/Typed) KAREN COTTOM	Title ENGINEERING TECHNICIAN
Signature (Electronic Submission)	Date 01/19/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Joe G. Lara</u>	ACTING Title FIELD MANAGER	Date JAN 2004
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office CARLSBAD FIELD OFFICE		

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.

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

DISTRICT I
1825 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 "34B" FEDERAL	Well Number 48
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3524'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	17 S	27 E		330	NORTH	1600	EAST	EDDY

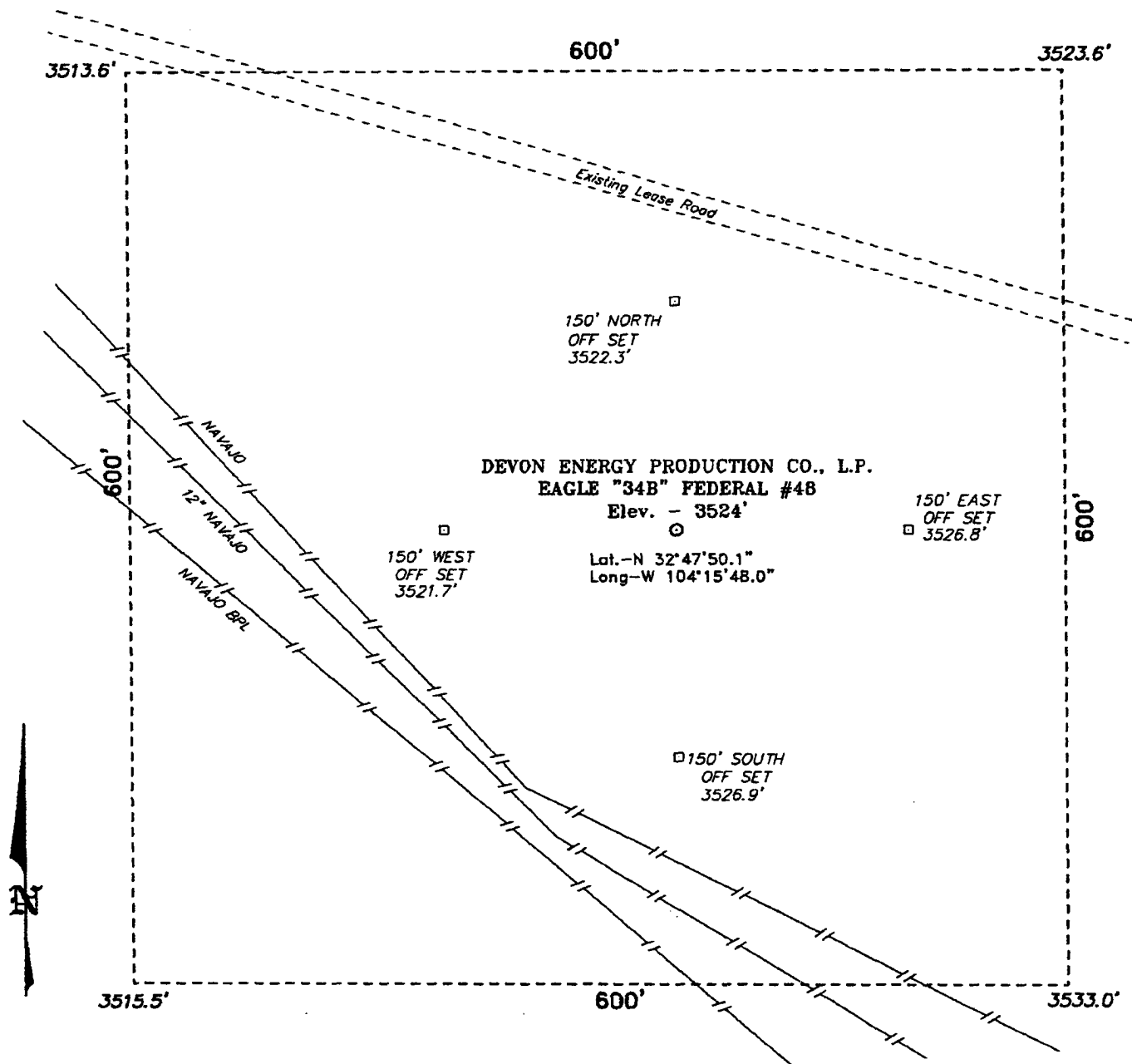
Bottom Hole Location If Different From Surface

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

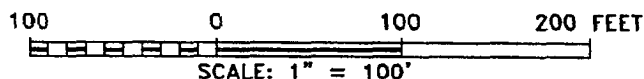
	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Linda B Guthrie</u> Signature</p> <p><u>Linda B Guthrie</u> Printed Name</p> <p><u>Operations Associate</u> Title</p> <p><u>01/15/04</u> Date</p>
	<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><u>JANUARY 5, 2004</u> Date Surveyed</p> <p><u>GARY L. JONES</u> Signature</p> <p><u>PROFESSIONAL SURVEYOR</u> Title</p> <p><u>W.O. No. 3905</u> Certificate No.</p> <p><u>GARY L. JONES</u> Name</p> <p><u>7977</u> Number</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. 1.1 MILE TO PROPOSED WELL PAD.



DEVON ENERGY PROD. CO., L.P.

REF: EAGLE "34B" FED. No. 48 / Well Pad Topo

THE EAGLE "34B" FED. No. 48 LOCATED 330' FROM
THE NORTH LINE AND 1600' FROM THE EAST LINE OF
SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

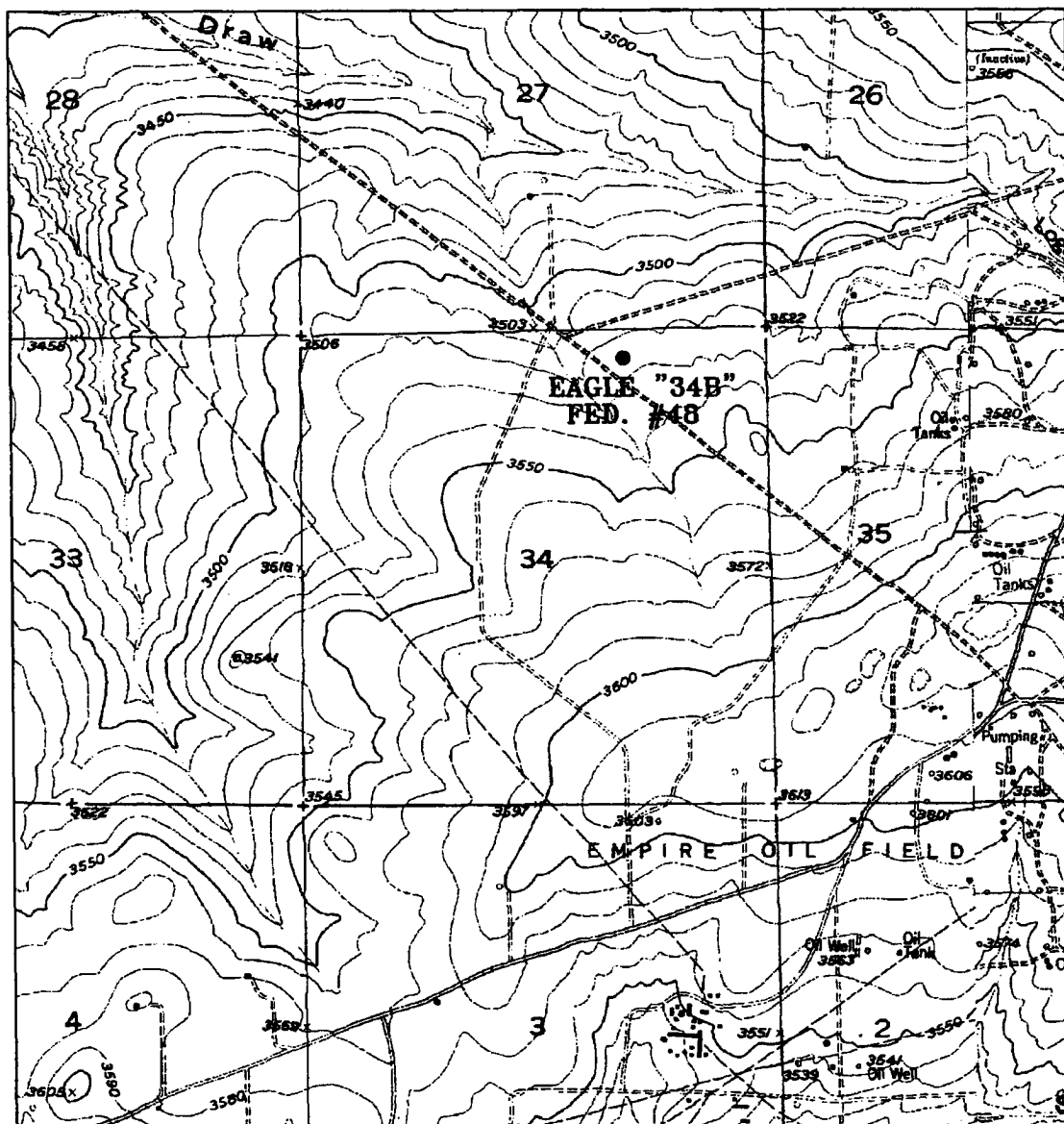
BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 3905

Drawn By: K. GOAD

Date: 01-07-2004 Disk: KJG CD#4 - 3905A.DWG

Survey Date: 01-05-2004 Sheet 1 of 1 Sheets



EAGLE "34B" FEDERAL #48
 330' FNL AND 1600' FEL
 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
 basin-surveys.com

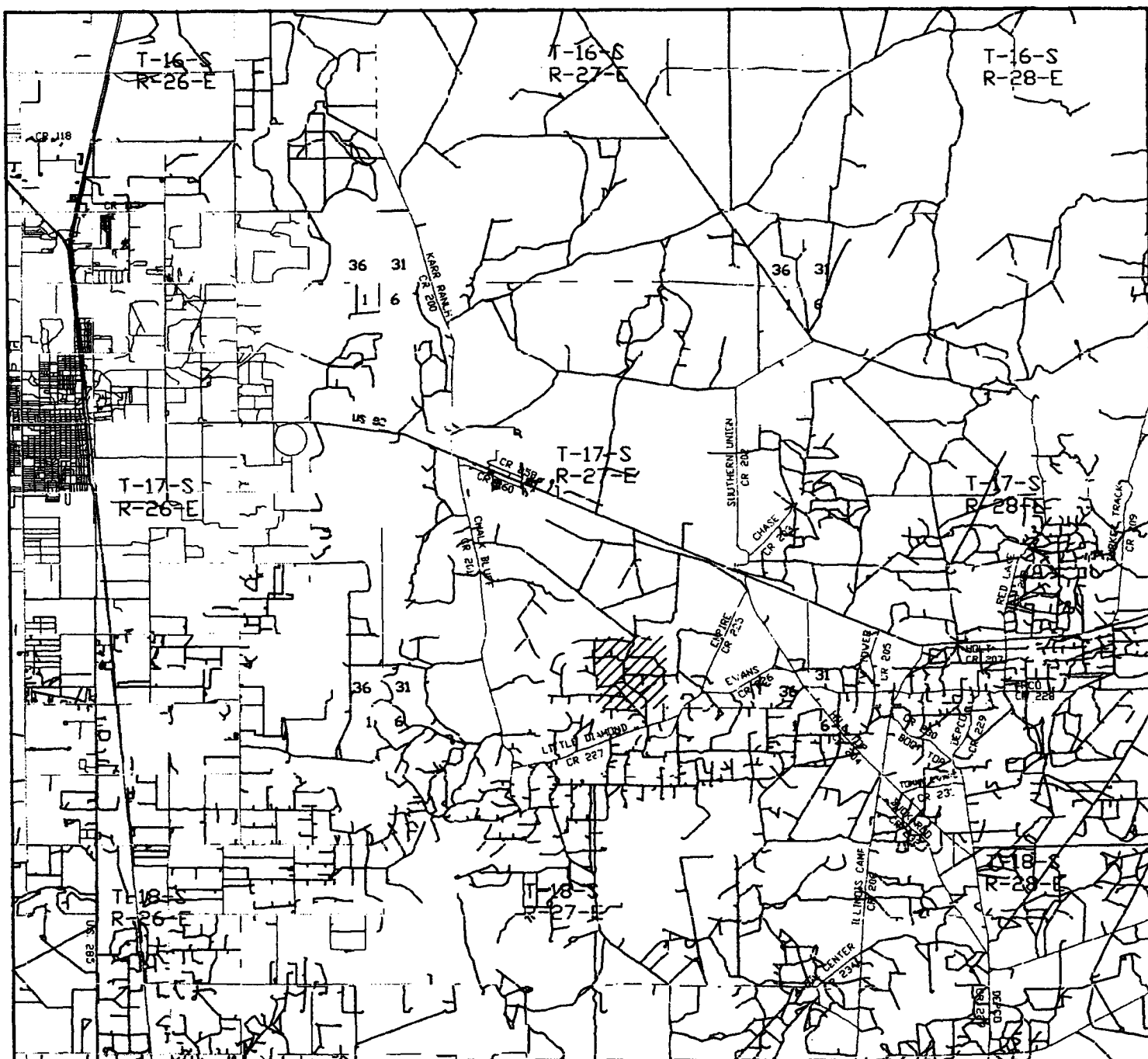
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Survey Date: 01-05-2004

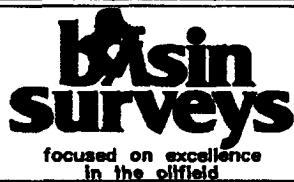
Scale: 1" = 2000'

Date: 01-07-2004

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



EAGLE "34B" FEDERAL #48
330' FNL AND 1600' FEL
 Section 34, Township 17 South, Range 27 East,
 N.M.P.M., Eddy County, New Mexico.



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 Hobbs, New Mexico 88241
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 (505) 392-3074 - Fax
basinsurveys.com

W.O. Number: 3905AA - KJG CD#4

Survey Date: 01-05-2004

Scale: 1" = 2 MILES

Date: 01-07-2004

DEVON ENERGY
PROD. CO., L.P.

1525 N. French Dr., Hobbs, NM 88240

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811 South First, Artesia, NM 88210

DISTRICT III

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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department.

Form C-102

Revised March 17, 1989

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	Pool Name
	96836	RED LAKE GLORIETA YESO, NE
Property Code	Property Name	Well Number
	EAGLE "34B" FEDERAL	48
OCRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3523'

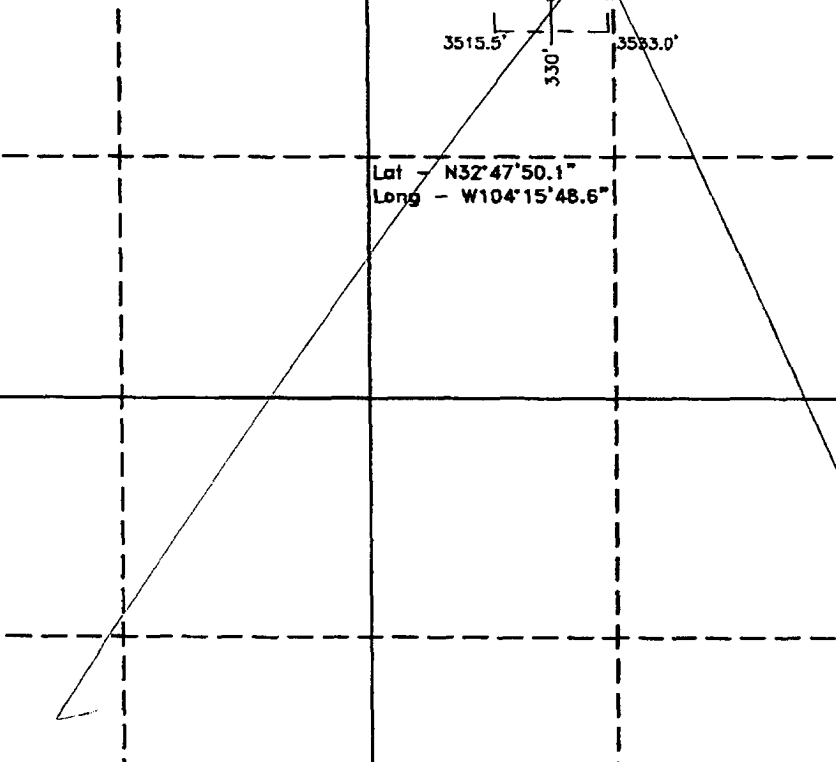
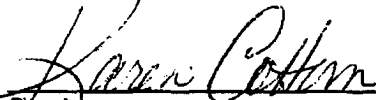
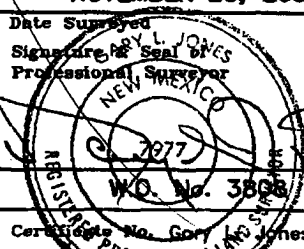
Surface Location

UL or lot No.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
B	34	17 S	27 E		330	NORTH	1650	EAST	EDDY

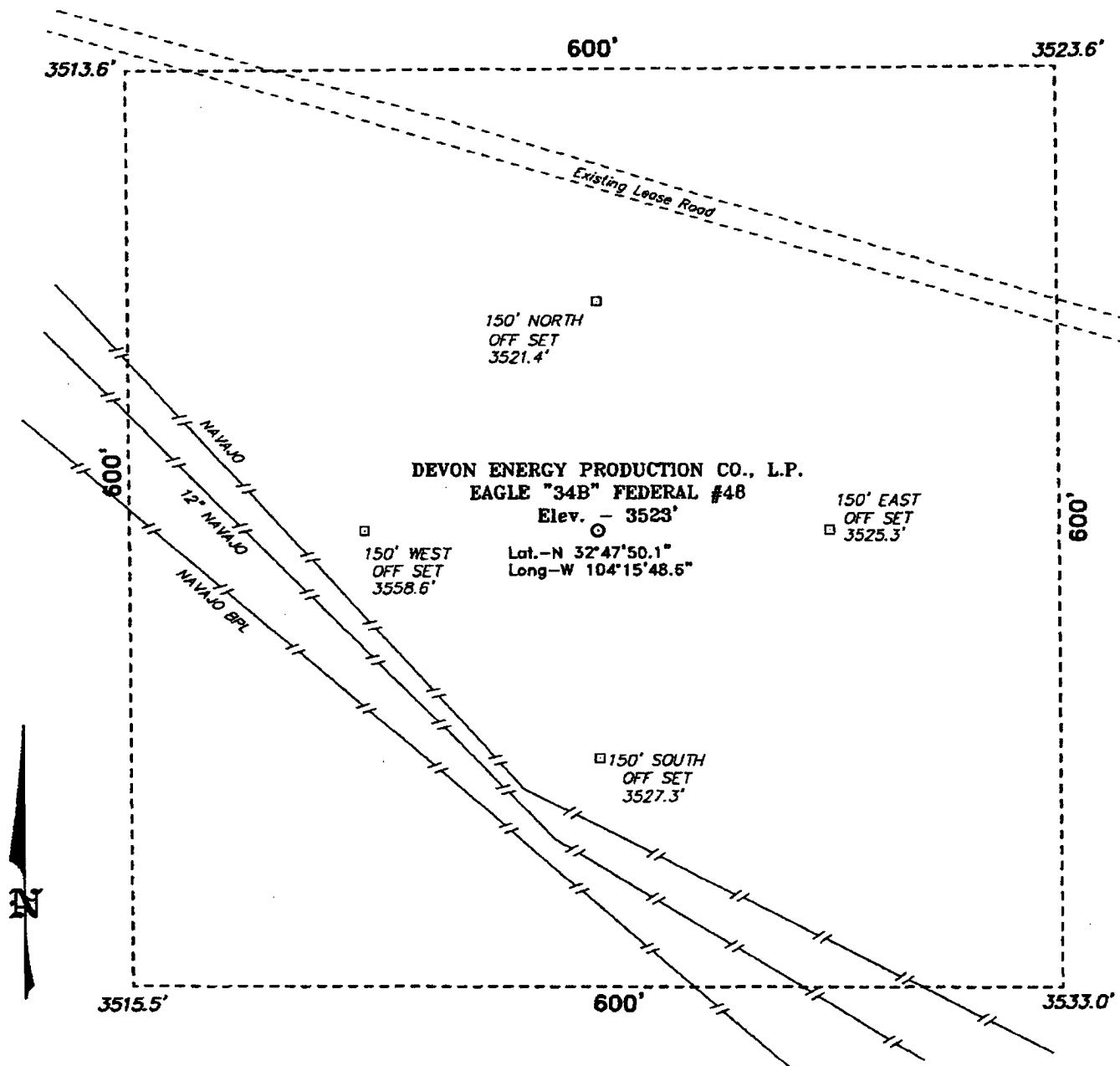
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code		Order No.					

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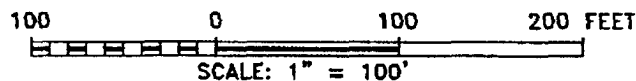
 <p style="text-align: center;"> Lat - N32°47'50.1" Long - W104°15'48.6" </p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <div style="text-align: center;">  Signature <u>Karen Cottom</u> Printed Name <u>Operations Technician</u> Title <u>December 9, 2003</u> Date </div> </div> <div style="border: 1px solid black; padding: 5px;"> SURVEYOR CERTIFICATION <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> <div style="text-align: center; margin-top: 10px;"> NOVEMBER 26, 2003 Date Surveyed Signature of Seal of Professional Surveyor  Certificate No. <u>Gory Jones</u> 7977 </div> </div>
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**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. 1.1 MILE TO PROPOSED WELL PAD.



DEVON ENERGY PROD. CO., L.P.

REF: EAGLE "34B" FED. No. 48 / Well Pad Topo

THE EAGLE "34B" FED. No. 48 LOCATED 330' FROM
THE NORTH LINE AND 1650' FROM THE EAST 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: 3808

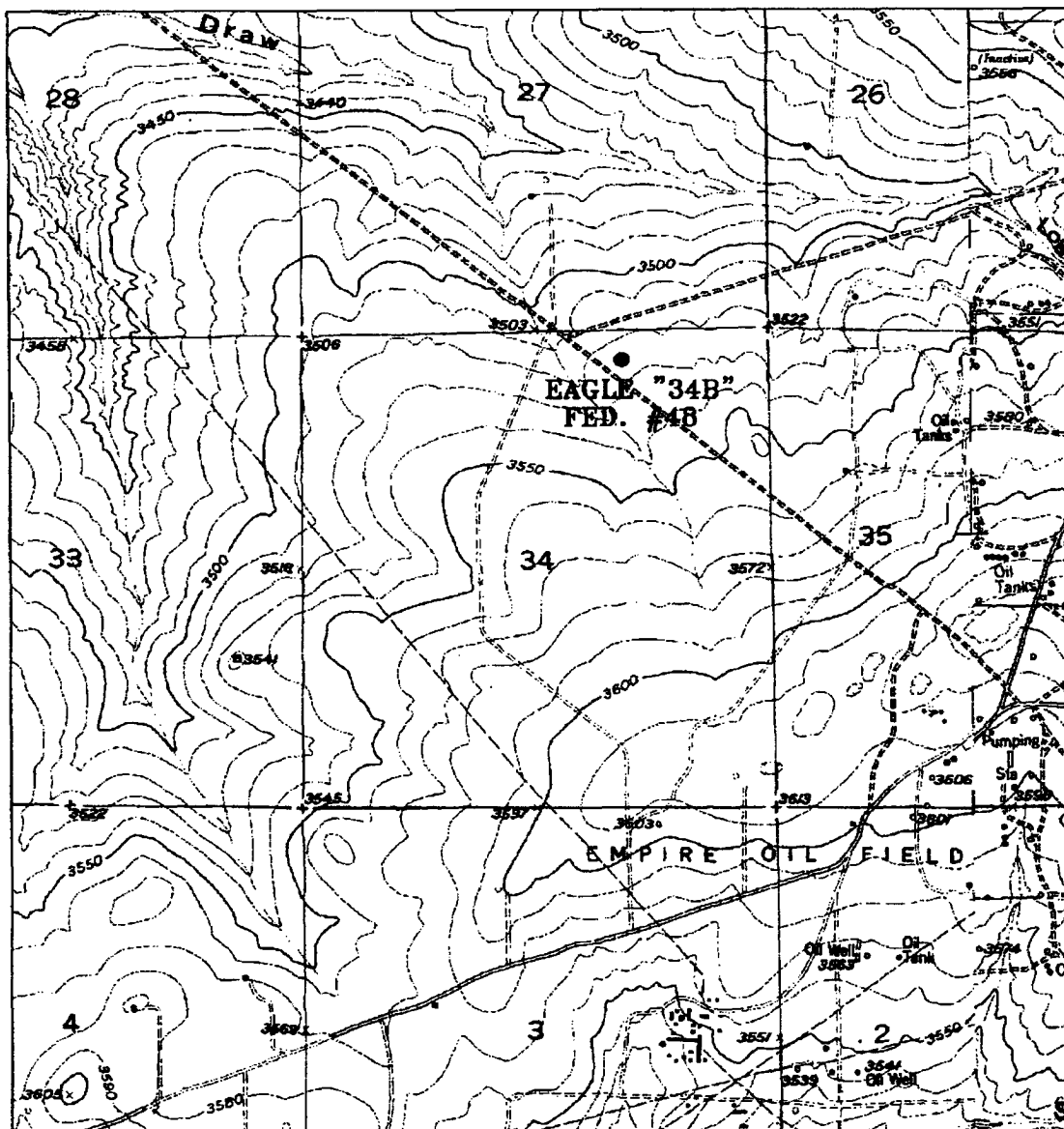
Drawn By: K. GOAD

Date: 11-26-2003

Disk: KJG CD#4 - 3808A.DWG

Survey Date: 11-25-2003

Sheet 1 of 1 Sheets



EAGLE "34B" FEDERAL #48

330' FNL AND 1650' FEL

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



focused on excellence
in the oilfield

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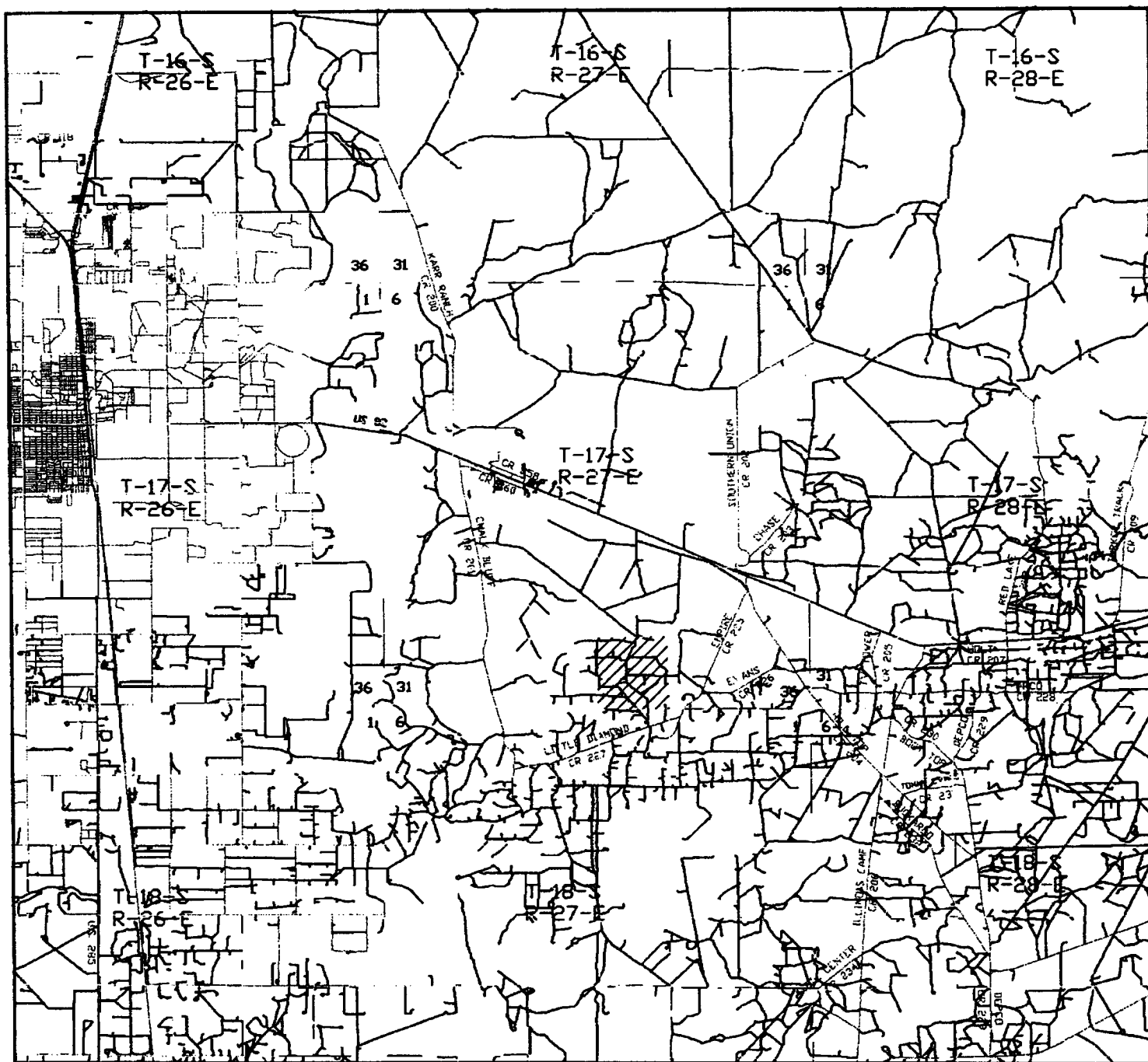
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Survey Date: 11-25-2003

Scale: 1" = 2000'

Date: 11-26-2003

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



EAGLE "34B" FEDERAL #48
330' FNL AND 1650' FEL
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Scale: 1" = 2 MILES

Date: 11-26-2003

DEVON ENERGY
PROD. CO., L.P.



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

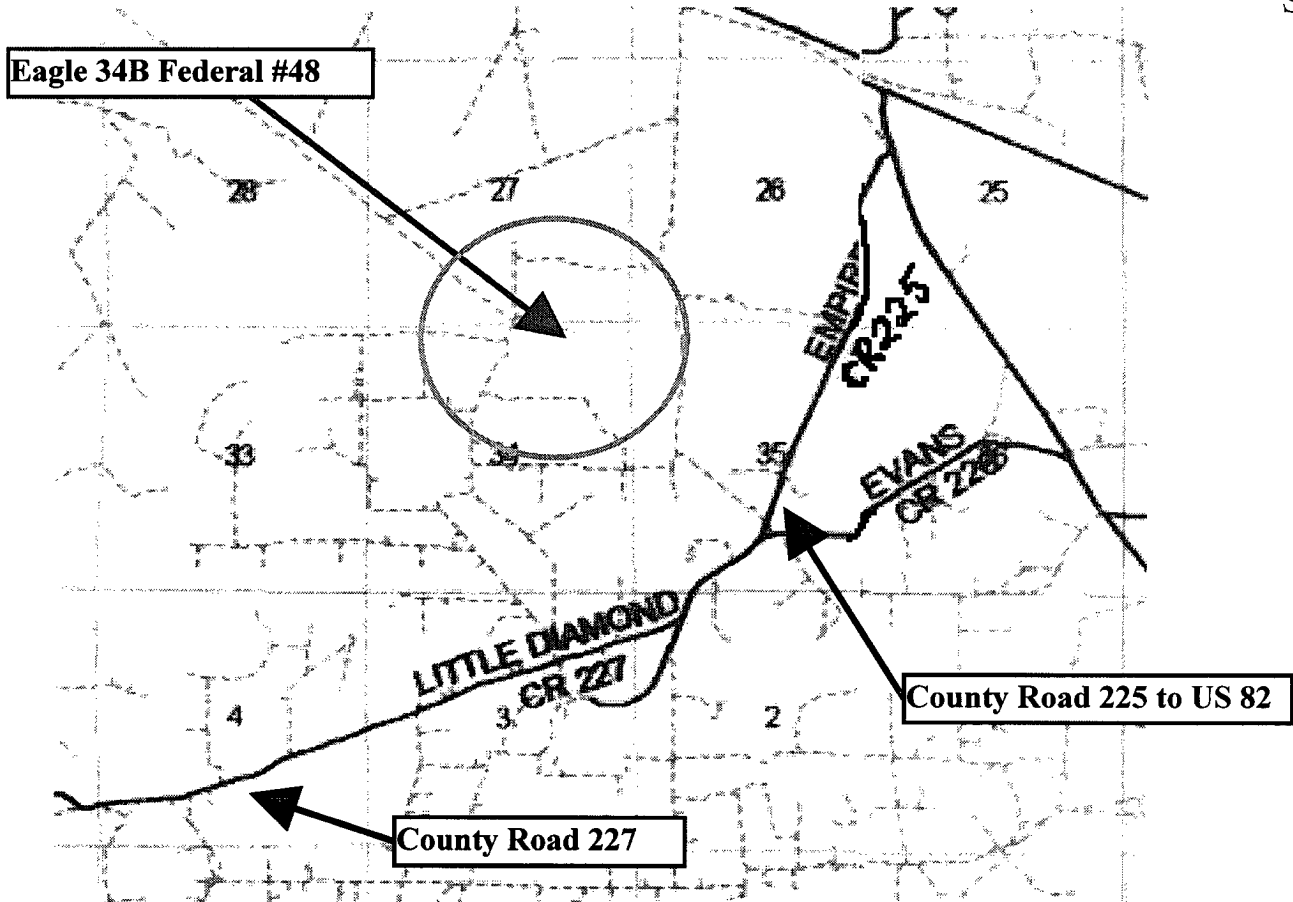
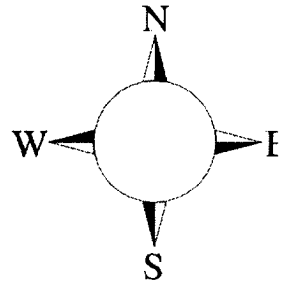
Eagle 34B Federal # 48

**330' FNL & 1600' FEL,
Sec-34, T-17S R-27E**

Eddy County NM

Eagle 34B Federal # 48

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, Albuquerque, NM	(505) 842-4433
S B Air Med Svc 2505 Clark Carr Loop SE, Albuquerque, NM	(505) 842-4949

Prepared in conjunction with
Wade Rohloff of;

