

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM056122
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator DEVON ENERGY PRODUCTION CO LP		7. If Unit or CA Agreement, Name and No.
Contact: NORVELLA ADAMS E-Mail: Norvella.adams@dmv.com		8. Lease Name and Well No. EAGLE 33 H FEDERAL 23
20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY OK 73102		9. API Well No. 30-015-34008
3b. Phone No. (include area code) Ph: 405-552-8198		10. Field and Pool, or Exploratory RED LAKE; GLORIETA-YESO
4. Location of Well (Report location clearly and in accordance with any State requirements. *)		11. Sec., T., R., M., or Blk. and Survey or Area
At surface SENE Lot H 2310FNL 990FEL		Sec 33 T17S R27E Mer NMP
At proposed prod. zone SENE Lot H 2310FNL 990FEL		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 40.00		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/BLA Bond No. on file
19. Proposed Depth 4000 MD		21. Elevations (Show whether DF, KB, RT, GL, etc. 3499 GL
22. Approximate date work will start 03/15/2005		23. Estimated duration 45 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) NORVELLA ADAMS Ph: 405-552-8198	Date 02/02/2005
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) /s/ Tony J. Herrell	Name (Printed/Typed) /s/ Tony J. Herrell	Date MAR 10 2005
Title 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.

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Additional Operator Remarks (see next page)

MAR 12 2005

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Electronic Submission #53605 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Roswell
Committee to AFMSS for processing by LINDA ASKWIG on 02/04/2005 (05LA0338AE)

Reduced Controlled Water Basin

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 juncton of Co. Rd. 225 and Co. Rd. 227, go west on 227 for 0.4 mile to lease road; Then north/northwest on lease road for 0.7 mile along navajo R/W; Then west for 0.2 mile past well "34" # 58; Then north for 0.1 mile; Then northwest for 0.2 mile past double pole electric line to proposed well.

Please see attached MDSUP

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 87506

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 "33H" FEDERAL	Well Number 23
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3499'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	33	17 S	27 E		2310	NORTH	990	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><i>[Signature]</i> Signature Norvella Adams Printed Name Sr. Staff Eng. Tech Title 2/1/05 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>SEPTEMBER 10, 2004 Date Surveyed Signature & Seal of Professional Surveyor <i>[Signature]</i> Professional Surveyor W.O. NO. 4838 Certificate No. 7977 BASIN SURVEYS</p>	
	<p>SEPTEMBER 10, 2004</p>	
	<p>SEPTEMBER 10, 2004</p>	

3481.0'

600'

3496.4'

CHESAPEAKE
FED. COM "2" #1

150' NORTH
OFF SET □
3496.3'

DEVON ENERGY PROD., CO., L.P.
EAGLE "33H" FED. #23
Elev. - 3499'

150' WEST
OFF SET □
3495.1'

Lat.-N 32°47'30.0"
Long-W 104°16'41.7"

150' EAST
OFF SET □
3500.4'

150' SOUTH
OFF SET □
3499.7'

Prop. Lease Rd.
80'

LEASE ROAD

STL FLOWLINE

600'

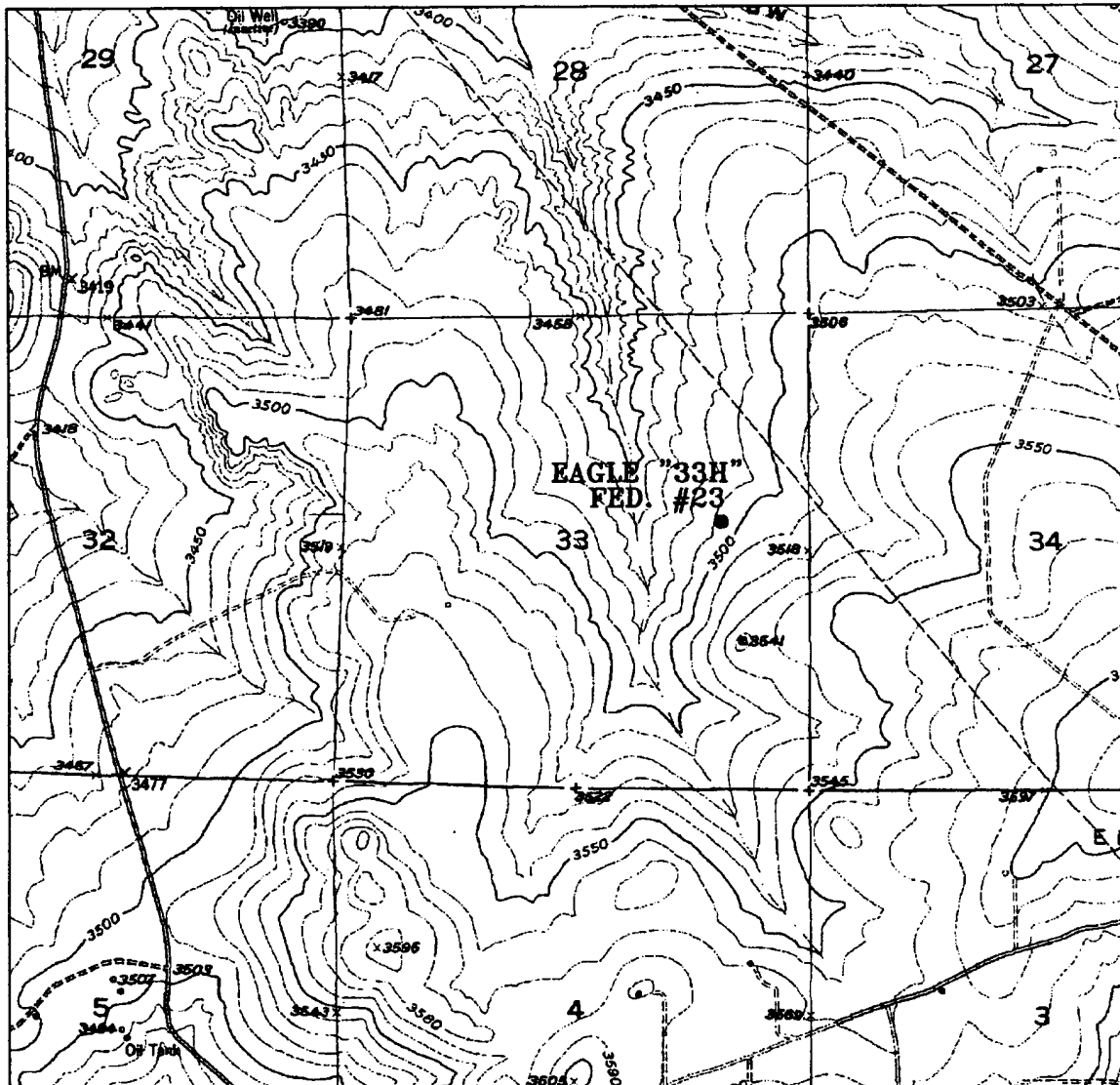
3497.1

600'

3507.5'

ACAVE BPL

Sheet 1 of 1 Sheets



EAGLE "33H" FEDERAL #23
 2310' FNL AND 990' FEL
 Section 33, 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: 4635AA - KJG CD#4

Survey Date: 09-10-2004

Scale: 1" = 2000'

Date: 09-11-2004

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

IN REPLY REFER TO:

JUN 05 2003

Devon Energy Production Company, L.P.
Attn. Ms Karen Cottom
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Re: Red Lake Field Area
Master Drilling and Surface Use Plan
Eddy County, New Mexico

The master drilling and surface use plan, dated May 6, 2003, for the Red Lake Field Area in Townships 17 and 18 South, Range 27 East, Eddy County, New Mexico, is now approved. Several corrections have been made to the attached list describing the field area. An approved copy is attached for your records.

Please note that the surface casing setting depth may change in individual APD (Form 3160-4) submittals because the depth of the expected fresh water varies across this area.

If you have any questions, please contact Alexis C. Swoboda, P.E. at 505-627-0228.

Sincerely,

Larry D. Bray
Assistant Field Manager
Lands and Minerals



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

Hydrogen Sulfide (H₂S) Contingency Plan

For

Eagle 33H Federal # 23

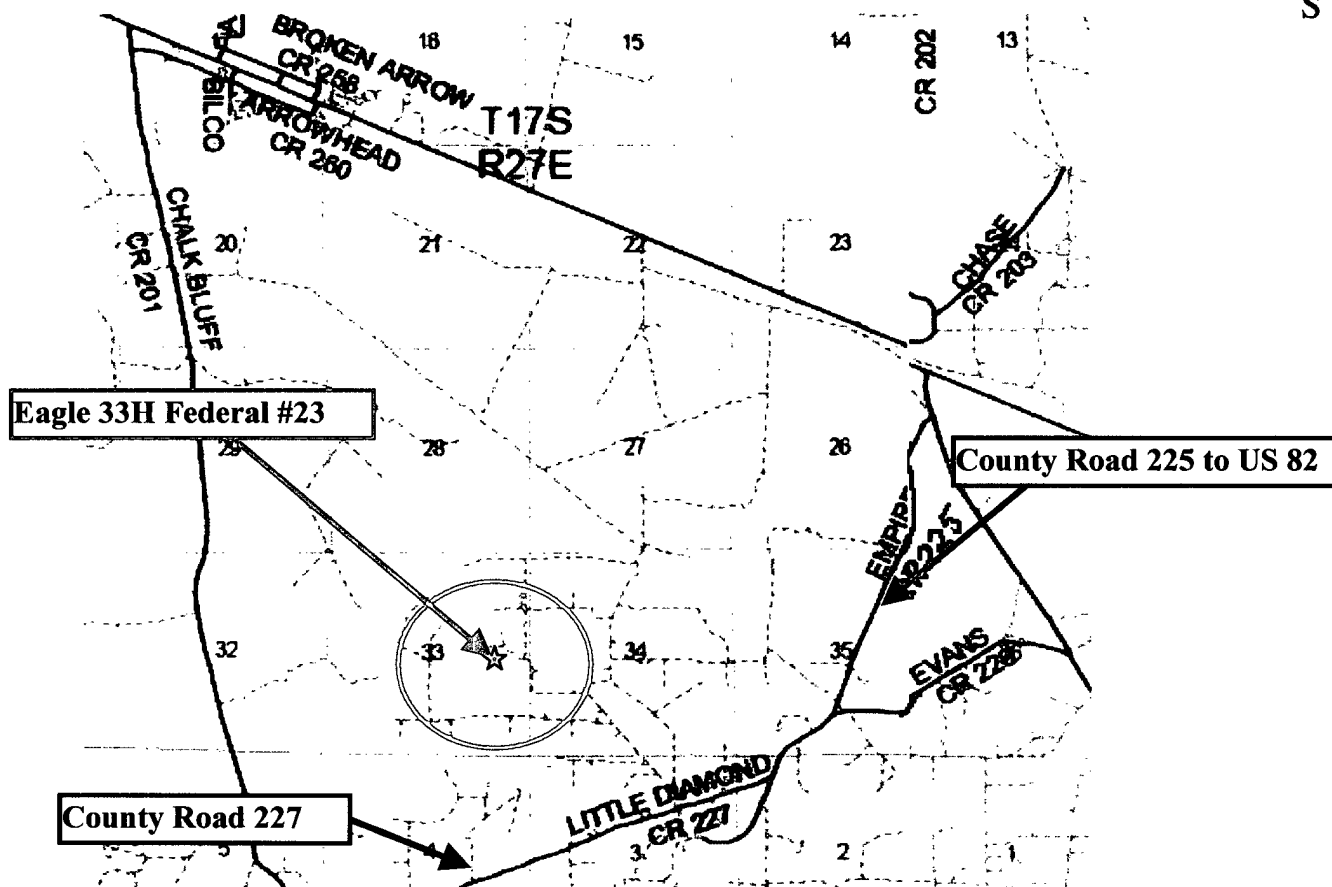
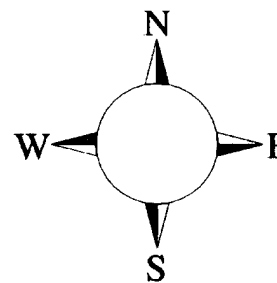
**2310'FNL & 990' FEL,
Sec-33, T-17S R-27E**

Eddy County NM

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FEB 07 2005
OCC-ARTESIA**

Eagle 33H Federal # 23

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 South on lease road to County road 225. Crews should then block entrance 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 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
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>	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	748-128
	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;

