

County Eddy

Pool Northeast Red Lake-Glorieta-Yeso

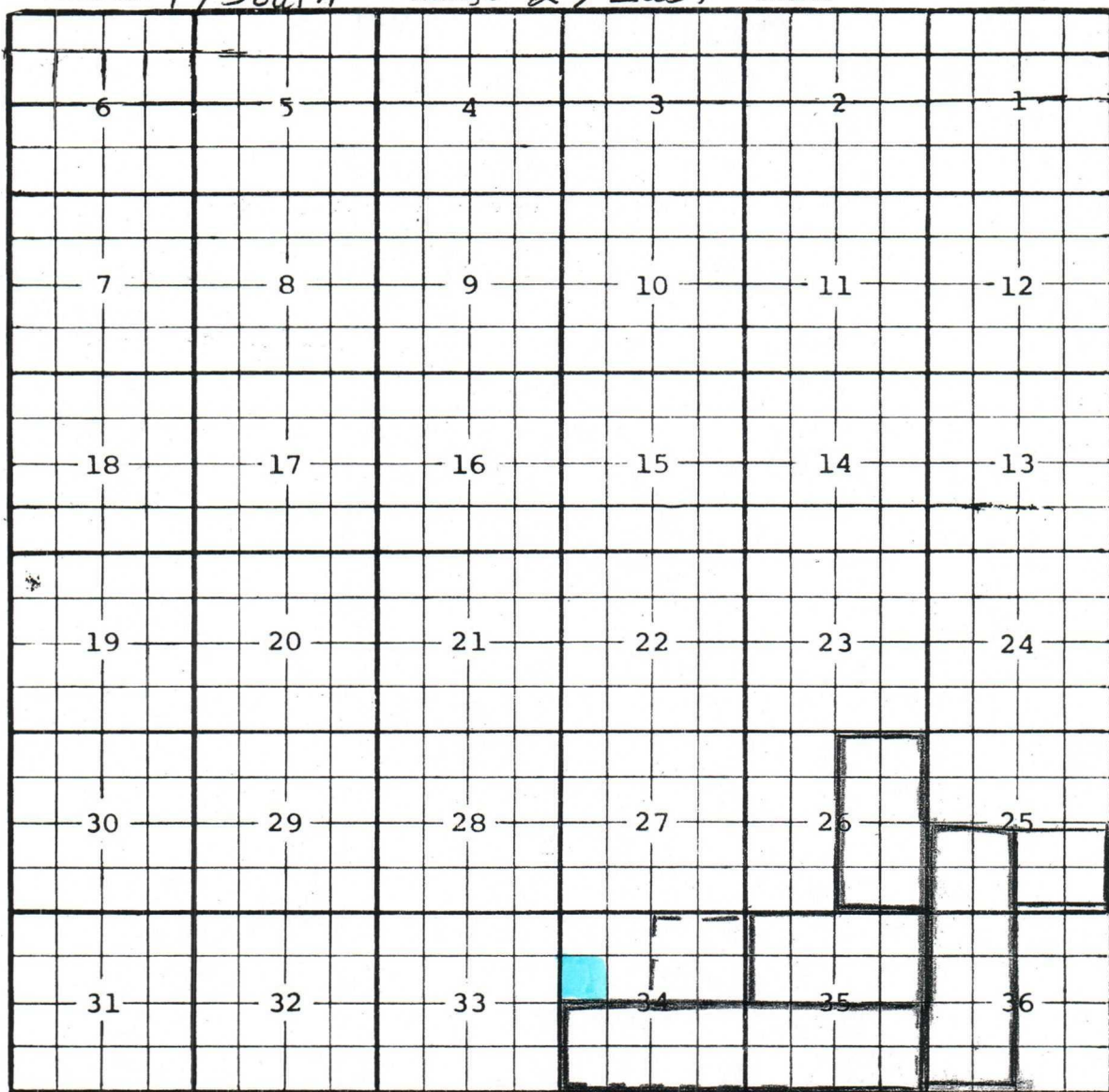
TOWNSHIP

17 South

Range

27 East

NMPM



Ext:  $\frac{5}{2}$  Sec. 34,  $\frac{5}{2}$  Sec. 35 (R-11170, 4-7-99) Ext:  $\frac{SW}{4}$  Sec. 25,  $\frac{W}{2}$  Sec. 36 (R-11359, 4-12-00)

Ext:  $\frac{E}{2}$  Sec. 26 (R-11470, 10-11-00) Ext:  $\frac{SE}{4}$  Sec. 25 (R-11544, 7-13-01)

Ext:  $\frac{N}{2}$  Sec. 35 (R-12088, 1-14-04)

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 11966  
ORDER NO. R-11162

APPLICATION OF DEVON ENERGY CORPORATION (NEVADA) FOR 23  
UNORTHODOX OIL WELL LOCATIONS, EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on April 16, 1998 at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 13<sup>th</sup> day of April, 1999, the Division Director, having considered the testimony, the record and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.

(2) The applicant, Devon Energy Corporation (Nevada) ["Devon"], seeks authority to drill and produce the following wells at unorthodox oil well locations in Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico:

<u>Well Name and Number</u>	<u>API Number</u>	<u>Section</u>	<u>Footage Location</u>	<u>Unit</u>
Eagle "27-H" Federal No. 15	30-015-29942	27	1450' FNL & 990' FEL	H
Evarts "31" Federal No. 3	30-015-30171	31	1330' FSL & 1630' FEL	J
Eagle "33-G" Federal No. 6	30-015-29595	33	2460' FNL & 1350' FEL	G
Eagle "33-H" Federal No. 8	30-015-29596	33	2435' FNL & 531' FEL	H
Eagle "33-N" Federal No. 10	30-015-29598	33	230' FSL & 2140' FWL	N
Eagle "34-E" Federal No. 10	30-015-29632	34	2310' FNL & 1240' FWL	E
Eagle "34-F" Federal No. 12	30-015-29635	34	2310' FNL & 2420' FWL	F
Eagle "34-G" Federal No. 14	30-015-29636	34	2310' FNL & 1600' FEL	G
Eagle "34-I" Federal No. 18	30-015-29655	34	1740' FSL & 280' FEL	I
Eagle "34-L" Federal No. 24	30-015-29643	34	1740' FSL & 1065' FWL	L

In addition, Devon seeks authority to drill and produce the following wells at unorthodox oil well locations in Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico:

<u>Well Name and Number</u>	<u>API Number</u>	<u>Section</u>	<u>Footage Location</u>	<u>Unit</u>
Falcon "3-N" Federal No. 18	30-015-29575	3	680' FSL & 1350' FWL	N
Carter Collier "5" Federal No. 9	30-015-29995	5	330' FNL & 2360' FEL	B
Evarts "6" Federal No. 4	30-015-30109	6	330' FNL & 1190' FEL	A
Fred "6" Federal. No. 5	30-015-30155	6	1260' FNL & 990' FWL	D
Patton "6" Federal No. 6	30-015-30085	6	2460' FNL & 2310' FWL	F
Patton "6" Federal No. 4	30-015-30079	6	1593' FSL & 1469' FWL	K
Patton "6" Federal No. 3	30-015-29980	6	930' FSL & 1450' FWL	N
Hawk "9-B" Federal No. 4	30-015-29480	9	990' FNL & 1360' FEL	B
Hawk "9-J" Federal No. 16	30-015-29483	9	1630' FSL & 1650' FEL	J
Hawk "9-O" Federal No. 17	30-015-29484	9	1170' FSL & 2310' FEL	O
Hawk "17-C" Federal No. 1	30-015-29515	17	380' FNL & 1450' FWL	C
Hawk "17-C" Federal No. 2	30-015-29726	17	890' FNL & 2585' FWL	C
Kaiser No. 1	NA	18	330' FNL & 1110' FEL	A

(3) Prior to the hearing the Division issued the following Administrative Orders for four of the above-described wells:

- (a) NSL-3969 (SD), dated March 11, 1998, granted Devon approval to drill its Hawk "17-C" Federal Wells No. 1 and 2 at the above-described unorthodox oil well locations;
- (b) NSL-3982, dated March 23, 1998, granted Devon approval to drill its Carter Collier "5" Federal Well No. 9 at the above-described unorthodox oil well location; and
- (c) NSL-3983, dated March 23, 1998, granted Devon approval to drill its Evarts "6" Federal Well No. 4 at the above-described unorthodox oil well location.

Since it is unnecessary at this time to include these four wells in this application, they should be dismissed.

(4) The Red Lake (Queen-Grayburg-San Andres) Pool, as currently designated, includes the following lands in Eddy County, New Mexico:

**TOWNSHIP 16 SOUTH, RANGE 28 EAST,**  
**NMPM**

Section 24: SE/4  
Section 25: All  
Section 26: S/2 S/2  
Section 27: SE/4 SE/4  
Section 34: All  
Section 35: All  
Section 36: All

**TOWNSHIP 17 SOUTH, RANGE 27 EAST,**  
**NMPM**

Section 12: SE/4  
Section 13: N/2 and SE/4  
Section 22: S/2 NE/4  
Section 23: S/2 NW/4, NE/4 SW/4, and SE/4  
Section 24: NE/4, S/2 NW/4, N/2 SW/4, and SE/4  
Section 25: NE/4 and S/2  
Section 26: S/2 S/2  
Section 27: All  
Section 32: SE/4  
Section 33: NE/4 and S/2  
Section 34: All  
Section 35: All  
Section 36: All

**TOWNSHIP 17 SOUTH, RANGE 28 EAST,**  
**NMPM**

Section 7: All  
Section 8: SW/4  
Section 9: NE/4 NE/4, S/2 NE/4, and SE/4  
Section 10: SW/4  
Section 11: S/2  
Section 12: SW/4 SW/4  
Section 14: W/2

**TOWNSHIP 17 SOUTH, RANGE 28 EAST,**  
**NMPM**

(Continued)

Section 15: All  
Section 16: NE/4 and S/2  
Section 18: W/2  
Section 19: S/2  
Section 20: All  
Section 22: All  
Section 23: S/2 NW/4 and S/2  
Section 25: N/2  
Section 26: N/2  
Section 27: N/2 N/2 and SW/4  
Section 28: All  
Section 29: N/2, SW/4, and N/2 SE/4  
Section 30: All  
Section 31: NE/4 NE/4, W/2 E/2, and W/2

**TOWNSHIP 18 SOUTH, RANGE 26 EAST,**  
**NMPM**

Section 1: E/2

**TOWNSHIP 18 SOUTH, RANGE 27 EAST,**  
**NMPM**

Section 1: S/2  
Section 2: S/2  
Section 3: All  
Section 4: All  
Section 5: All  
Section 6: All  
Section 7: All  
Section 8: All  
Section 9: All  
Section 17: N/2  
Section 18: NE/4, N/2 NW/4, and SE/4 NW/4.

(5) Currently the Red Lake (Queen-Grayburg-San Andres) Pool is governed by the Division's statewide rules, which require development on standard 40-acre spacing and proration units, each having a top unit depth bracket allowable of 80 barrels of oil per day and a limiting gas/oil ratio of 2,000 cubic feet of gas per barrel of oil, and allow infill drilling on each 40-acre unit.

(6) Within a 1236.85-acre area, more or less, comprising the following described

acreage in Eddy County, New Mexico, Devon is the operator of the West Red Lake Unit Area (approved by Division Order No. R-3453 dated July 12, 1968) in which waterflood operations are being conducted with injection into the Red Lake (Queen-Grayburg-San Andres) Pool (approved by Division Order No. R-3469, issued in Case No. 3824, dated August 13, 1968, and designated the West Red Lake Waterflood Project).

(7) The remaining 19 wells listed in Paragraph No. (2) above are either completed in or proposed to be completed in the Red Lake (Queen-Grayburg-San Andres) Pool, and each well will have a standard 40-acre, more or less, unit dedicated thereto. Eleven wells will be infill wells within existing 40-acre oil proration units while the remaining eight wells will be considered new designations.

(8) The applicant presented evidence that indicates the following:

- (a) All of the wells are located on federal land, except the Kaiser No. 1, which is located on fee land.
- (b) The subject pool is continuous across the area, trending in a northeast-southwest direction.
- (c) The original locations for all of the subject wells were orthodox, but were moved due to topographic and engineering reasons.
- (d) The subject area is near the Pecos River, with numerous draws and elevation changes of 100-200 feet. The Bureau of Land Management requested that numerous well locations be moved to prevent extreme cut and fill of slopes and prevent erosion of the highly erodible soil in this area. In addition, there are numerous gas transmission and gathering pipelines, roads, existing wells, and a gas plant. All of these factors limit well locations.
- (e) Average reserves in wells completed in the subject pool are about 50,000 barrels of oil, which equate to approximately 24 acres of drainage. The drainage radius of such a well is much less than a well that is capable of draining 40 acres. The applicant has drilled wells within 400-450 feet of older, above-average wells in the pool, and has seen no evidence of drainage from those older wells.
- (f) Directional drilling is not feasible because the small reserves in these wells do not justify the additional drilling and operating costs.

- (g) Applicant is drilling two wells per 40-acre unit to: (i) adequately drain each unit, and (ii) prepare for a possible future waterflood project. Injection in the West Red Lake Unit has shown a favorable production response. Drilling two wells per 40-acre unit could allow the Unit's waterflood project to be expanded in the future.

(9) Each of the above-described unorthodox oil well locations should be approved for one or more of the following reasons:

- (a) The location is a move toward the interior of a lease;
- (b) The location encroaches on a lease not owned or operated by the applicant, but notice was given to the offset and the Division received no objection;
- (c) The location will not drain the offset well unit due to the limited drainage areas in the subject pool;
- (d) A well will be drilled offsetting the proposed unorthodox well, or the offsetting well unit has existing wells producing from the same pool; and/or
- (e) There are no overriding royalty interest owners in the tract offsetting the subject well, or the applicant is the only overriding royalty interest owner in the offsetting tract.

(10) Approval of the proposed unorthodox oil well locations will afford the applicant the opportunity to produce its just and equitable share of oil and gas from the subject pool and will prevent waste and protect correlative rights.

**IT IS THEREFORE ORDERED THAT:**

(1) The applicant, Devon Energy Corporation (Nevada), is hereby authorized to drill the wells described below at unorthodox oil well locations in the Red Lake (Queen-Grayburg-San Andres) Pool in Township 17 South, Range 27 East, NMPM, Eddy County, New Mexico:

<b><u>Well Name and Number</u></b>	<b><u>API Number</u></b>	<b><u>Section</u></b>	<b><u>Footage Location</u></b>	<b><u>Unit</u></b>
Eagle "27-H" Federal No. 15	30-015-29942	27	1450' FNL & 990' FEL	H
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Eagle "33-G" Federal No. 6	30-015-29595	33	2460' FNL & 1350' FEL	G
Eagle "33-H" Federal No. 8	30-015-29596	33	2435' FNL & 531' FEL	H
Eagle "33-N" Federal No. 10	30-015-29598	33	230' FSL & 2140' FWL	N
Eagle "34-E" Federal No. 10	30-015-29632	34	2310' FNL & 1240' FWL	E
Eagle "34-F" Federal No. 12	30-015-29635	34	2310' FNL & 2420' FWL	F
Eagle "34-G" Federal No. 14	30-015-29636	34	2310' FNL & 1600' FEL	G
Eagle "34-I" Federal No. 18	30-015-29655	34	1740' FSL & 280' FEL	I
Eagle "34-L" Federal No. 24	30-015-29643	34	1740' FSL & 1065' FWL	L

And in Township 18 South, Range 27 East, NMPM, Eddy County, New Mexico:

<u>Well Name and Number</u>	<u>API Number</u>	<u>Section</u>	<u>Footage Location</u>	<u>Unit</u>
Falcon "3-N" Federal No. 18	30-015-29575	3	680' FSL & 1350' FWL	N
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Patton "6" Federal No. 6	30-015-30085	6	2460' FNL & 2310' FWL	F
Patton "6" Federal No. 4	30-015-30079	6	1593' FSL & 1469' FWL	K
Patton "6" Federal No. 3	30-015-29980	6	930' FSL & 1450' FWL	N
Hawk "9-B" Federal No. 4	30-015-29480	9	990' FNL & 1360' FEL	B
Hawk "9-J" Federal No. 16	30-015-29483	9	1630' FSL & 1650' FEL	J
Hawk "9-O" Federal No. 17	30-015-29484	9	1170' FSL & 2310' FEL	O
Kaiser No. 1	NA	18	330' FNL & 1110' FEL	A

(2) Each well shall have a standard 40-acre oil spacing and proration unit dedicated thereto.

(3) Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY  
Director

SEAL

CMD : ONGARD 06/15/04 11:02:23  
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TPWK

API Well No : 30 15 29632 Eff Date : 11-15-1997 WC Status : A  
 Pool Idn : 51300 RED LAKE;QUEEN-GRAYBURG-SA  
 OGRID Idn : 6137 DEVON ENERGY PRODUCTION COMPANY, LP  
 Prop Idn : 19358 EAGLE 34 E FEDERAL

Well No : 010  
 GL Elevation: 3536

B.H. Locn	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
Lot Identifier:	---	---	---	---	---	---	---
Dedicated Acre: 40.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

E6317: No more recs. for this api well no.  
 PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC



CMD : ONGARD 06/15/04 11:02:34

OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPWK

Page No: 1

OGRID Identifier : 6137 DEVON ENERGY PRODUCTION COMPANY, LP

Pool Identifier : 51300 RED LAKE;QUEEN-GRAYBURG-SA

API Well No : 30 15 29632 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30	15 29632 EAGLE 34 E FEDERAL	01 03	31	451	30	806	P
30	15 29632 EAGLE 34 E FEDERAL	02 03	28	488	70	834	P
30	15 29632 EAGLE 34 E FEDERAL	03 03	31	511	95	583	P
30	15 29632 EAGLE 34 E FEDERAL	04 03	30	458	84	537	P
30	15 29632 EAGLE 34 E FEDERAL	05 03	31	485	59	381	P
30	15 29632 EAGLE 34 E FEDERAL	06 03	30	434	50	236	P
30	15 29632 EAGLE 34 E FEDERAL	07 03	31	419	64	297	P

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

ONGARD

06/15/04 11:02:36

CMD :  
OG6IPRD

INQUIRE PRODUCTION BY POOL/WELL

OGOMES -TPWK  
Page No: 2

OGRID Identifier : 6137 DEVON ENERGY PRODUCTION COMPANY, LP

Pool Identifier : 51300 RED LAKE;QUEEN-GRAYBURG-SA

API Well No : 30 15 29632 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30	15 29632 EAGLE 34 E FEDERAL	08 03	31	428	76	225	P
30	15 29632 EAGLE 34 E FEDERAL	09 03	30	478	72	312	P
30	15 29632 EAGLE 34 E FEDERAL	10 03	31	415	69	333	P
30	15 29632 EAGLE 34 E FEDERAL	11 03	30	293	71	260	P
30	15 29632 EAGLE 34 E FEDERAL	12 03	31	335	90	222	P
30	15 29632 EAGLE 34 E FEDERAL	01 04	31	474	65	355	P
30	15 29632 EAGLE 34 E FEDERAL	02 04	29	422	39	324	P

Reporting Period Total (Gas, Oil) : 6091 934 5705

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPPOOL PF11 NXTOGD PF12

CMD : ONGARD 06/15/04 11:01:50  
OG6IWCMD INQUIRE WELL COMPLETIONS OGOMES -TPWK

API Well No : 30 15 29083 Eff Date : 03-19-1997 WC Status : A  
Pool Idn : 51300 RED LAKE, QUEEN-GRAYBURG-SA  
OGRID Idn : 6137 DEVON ENERGY PRODUCTION COMPANY, LP  
Prop Idn : 19358 EAGLE 34 E FEDERAL

Well No : 009  
GL Elevation: 3514

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
-----  
B.H. Locn : E 34 17S 27E FTG 1650 F N FTG 330 F W P  
Lot Identifier:  
Dedicated Acre: 40.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

ONGARD

06/15/04 11:02:02

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

OGOMES -TPWK  
Page No: 1

OGRID Identifier : 6137 DEVON ENERGY PRODUCTION COMPANY, LP

Pool Identifier : 51300 RED LAKE;QUEEN-GRAYBURG-SA

API Well No : 30 15 29083 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 15 29083	EAGLE 34 E FEDERAL	01 03	31	414	179	385	P
30 15 29083	EAGLE 34 E FEDERAL	02 03	28	447	105	465	P
30 15 29083	EAGLE 34 E FEDERAL	03 03	31	468	127	424	P
30 15 29083	EAGLE 34 E FEDERAL	04 03	30	420	103	2134	P
30 15 29083	EAGLE 34 E FEDERAL	05 03	31	445	143	544	P
30 15 29083	EAGLE 34 E FEDERAL	06 03	30	398	174	331	P
30 15 29083	EAGLE 34 E FEDERAL	07 03	31	384	80	243	P

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/15/04 11:02:04

OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPWK

Page No: 2

OGRID Identifier : 6137 DEVON ENERGY PRODUCTION COMPANY, LP

Pool Identifier : 51300 RED LAKE;QUEEN-GRAYBURG-SA

API Well No : 30 15 29083 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 15 29083	EAGLE 34 E FEDERAL	08 03	31	393	100	199	P
30 15 29083	EAGLE 34 E FEDERAL	09 03	30	438	96	291	P
30 15 29083	EAGLE 34 E FEDERAL	10 03	31	380	114	376	P
30 15 29083	EAGLE 34 E FEDERAL	11 03	30	262	115	287	P
30 15 29083	EAGLE 34 E FEDERAL	12 03	31	308	100	324	P
30 15 29083	EAGLE 34 E FEDERAL	01 04	31	434	78	347	P
30 15 29083	EAGLE 34 E FEDERAL	02 04	29	442	115	329	P

Reporting Period Total (Gas, Oil) : 5633 1629 6679

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IWCW

ONGARD  
INQUIRE WELL COMPLETIONS

06/15/04 11:02:45  
OGOMES -TPWK

API Well No : 30 15 33263 Eff Date : 01-29-2004 WC Status : N  
Pool Idn : 96836 RED LAKE; GLORIETA YESO, NORTHEAST  
OGRID Idn : 6137 DEVON ENERGY PRODUCTION COMPANY, LP  
Prop Idn : 19358 EAGLE 34 E FEDERAL

Well No : 056  
GL Elevation: 3513

U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: E	34	17S	27E	FTG 2195 F N FTG	505 F W P
Lot Identifier:						
Dedicated Acre:	40.00					
Lease Type	: F					
Type of consolidation	(Comm, Unit, Forced Pooling - C/U/F/O) :					

E6317: No more recs. for this api well no.

PF01 HELP	PF02	PF03 EXIT	PF04 GOTO	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

# OCD-ARTESIA

Form 3160-3  
(August 1999)

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		7. If Unit or CA Agreement, Name and No.	
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		8. Lease Name and Well No. EAGLE 34E FEDERAL 56	
2. Name of Operator DEVON ENERGY PRODUCTION CO L P		9. API Well No. 30-015-33263	
Contact: KAREN COTTOM E-Mail: karen.cottom@dev.com		10. Field and Pool, or Exploratory RED LAKE; GLORIETA-YESO, NE	
3a. Address 20 NORTH BROADWAY SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405.228.7512 Fx: 405.552.4621		
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNW 2195 505 2230FNL 470FWL per B Hunt & SN dated 1/19/04 At proposed prod. zone SWNW 2230FNL 470FWL		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		RECEIVED	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease 800.00 OCD-ARTESIA	12. County or Parish EDDY	13. State NM
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	17. Spacing Unit dedicated to this well 40.00	19. Proposed Depth 4000 MD	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 3513 GL	20. BLM/BIA Bond No. on file	22. Estimated duration 45 DAYS	
23. Approximate date work will start 12/31/2003			

## 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
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**

**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 #25983 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 (04LA0152AE)

**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 392' 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 Co. Rd. 227; thence westerly on 227 for approx 0.5 mile to lease road; thence north on lease road for approx 1.1 mile; thence west 0.25 mile to the Eagle 34E Fed 9 and the proposed lease road  
Please see attached MDSUP.



EC

OCD-ARTESIA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.  
NMLC067849

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DEVON ENERGY PRODUCTION CO L P

Contact: KAREN COTTOM

E-Mail: karen.cottom@dmv.com

3a. Address

20 NORTH BROADWAY SUITE 1500  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405.228.7512  
Fx: 405.552.46218. Well Name and No.  
EAGLE 34E FEDERAL 56

9. API Well No.

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 34 T17S R27E SWNW 2230FNL 470FWL

11. County or Parish, and State

EDDY COUNTY, NM

## 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 recomplete 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 recompletion 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 approved to move the following locations per Barry Hunt's directions moving would put the well out of the flood plane.

Old Location : 2230 FNL & 470 FWL  
New Location : 2195 FNL & 505 FWL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #26949 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 (04AL0025SE)

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

/s/ Joe G. Lara

ACTING FIELD MANAGER

29 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.

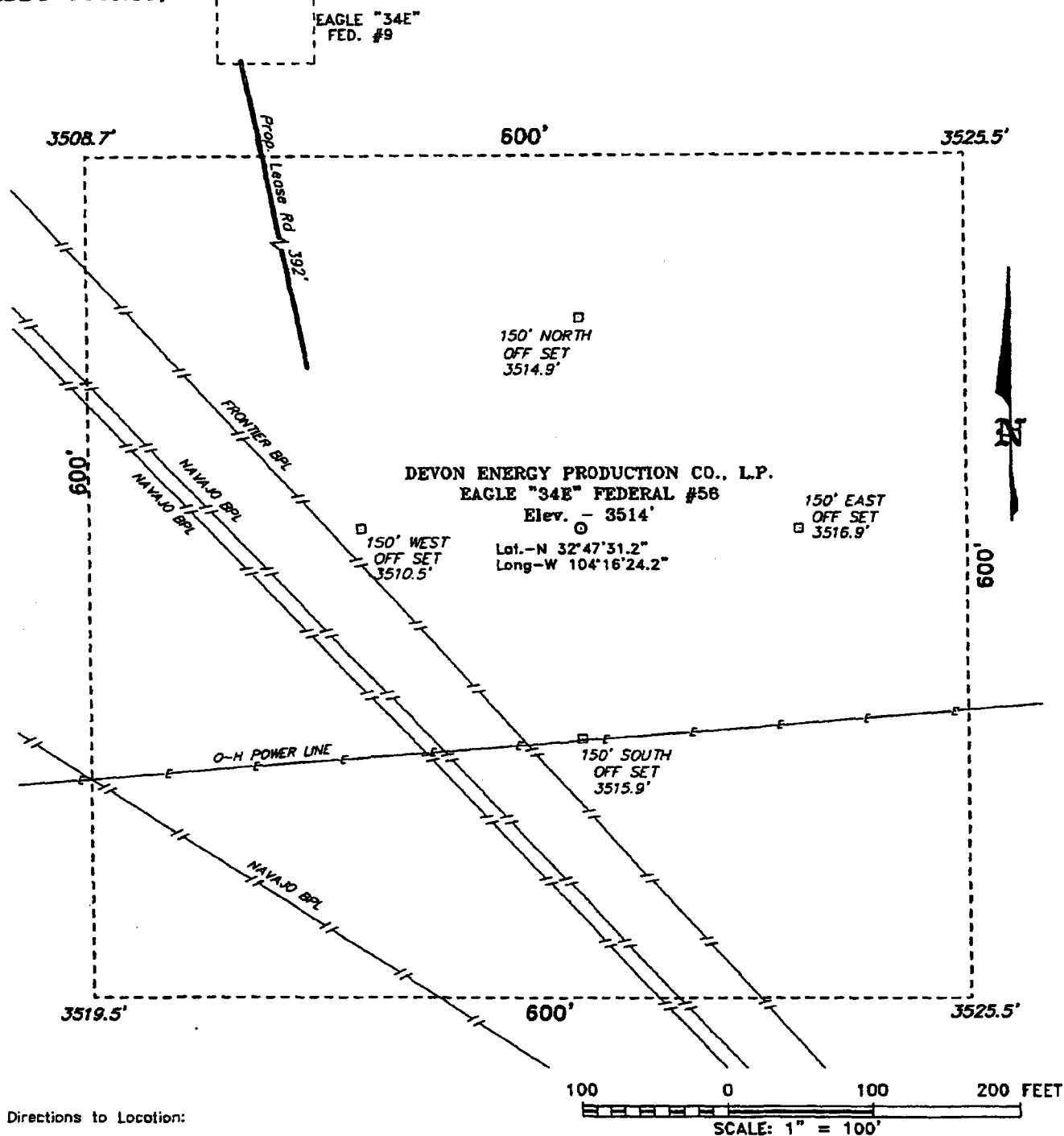
CARLSBAD FIELD OFFICE  
Office

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 \*\*

	<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></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> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><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></p> <p align="center"><b>JANUARY 5, 2004</b></p> <p>Date Surveyed</p> <p>Signature <u>[Signature]</u> Professional Surveyor</p> <div style="text-align: center;"> </div> <p>Certified by <u>Gary L. Jones</u> 7977</p> </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 CO. RD. 227; THENCE WESTERLY ON 227 FOR APPROX. 0.5 MILE TO LEASE ROAD; THENCE NORTH ON LEASE ROAD FOR APPROX. 1.0 MILE; THENCE WEST 0.25 MILE TO THE EAGLE "34E" FED. #9 AND THE PROPOSED LEASE ROAD.

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

W.O. Number: 3903

Drawn By: K. GOAD

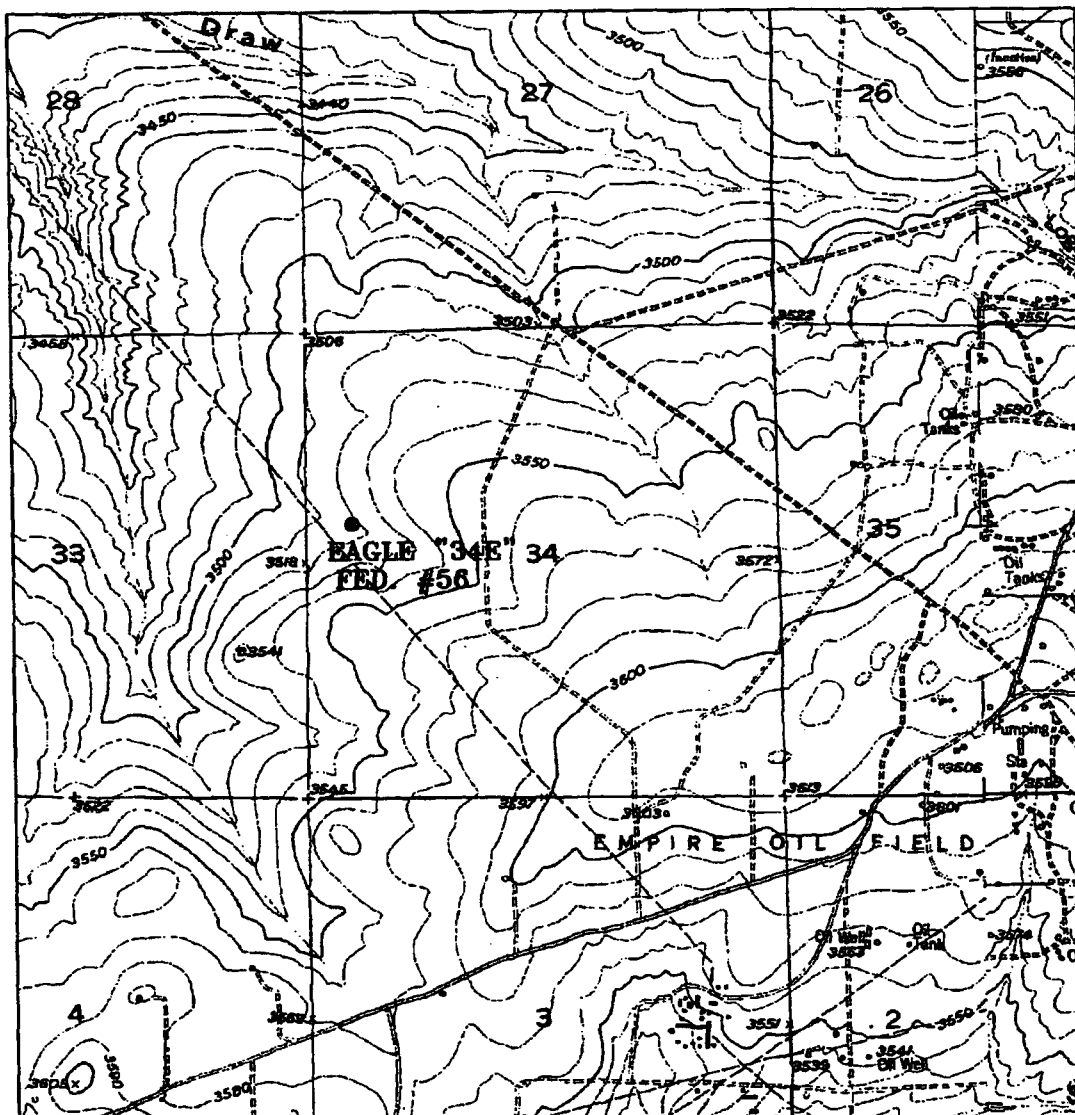
Date: 01-07-2004 Disk: KJG CD#4 - 3903A.DWG

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

REF: EAGLE "34E" FED. No. 56 / Well Pad Topo

THE EAGLE "35E" FED. No. 56 LOCATED 2195' FROM  
THE NORTH LINE AND 505' FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

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



# **EAGLE "34E" FEDERAL #56**

2195' FNL AND 505' FWL

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



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

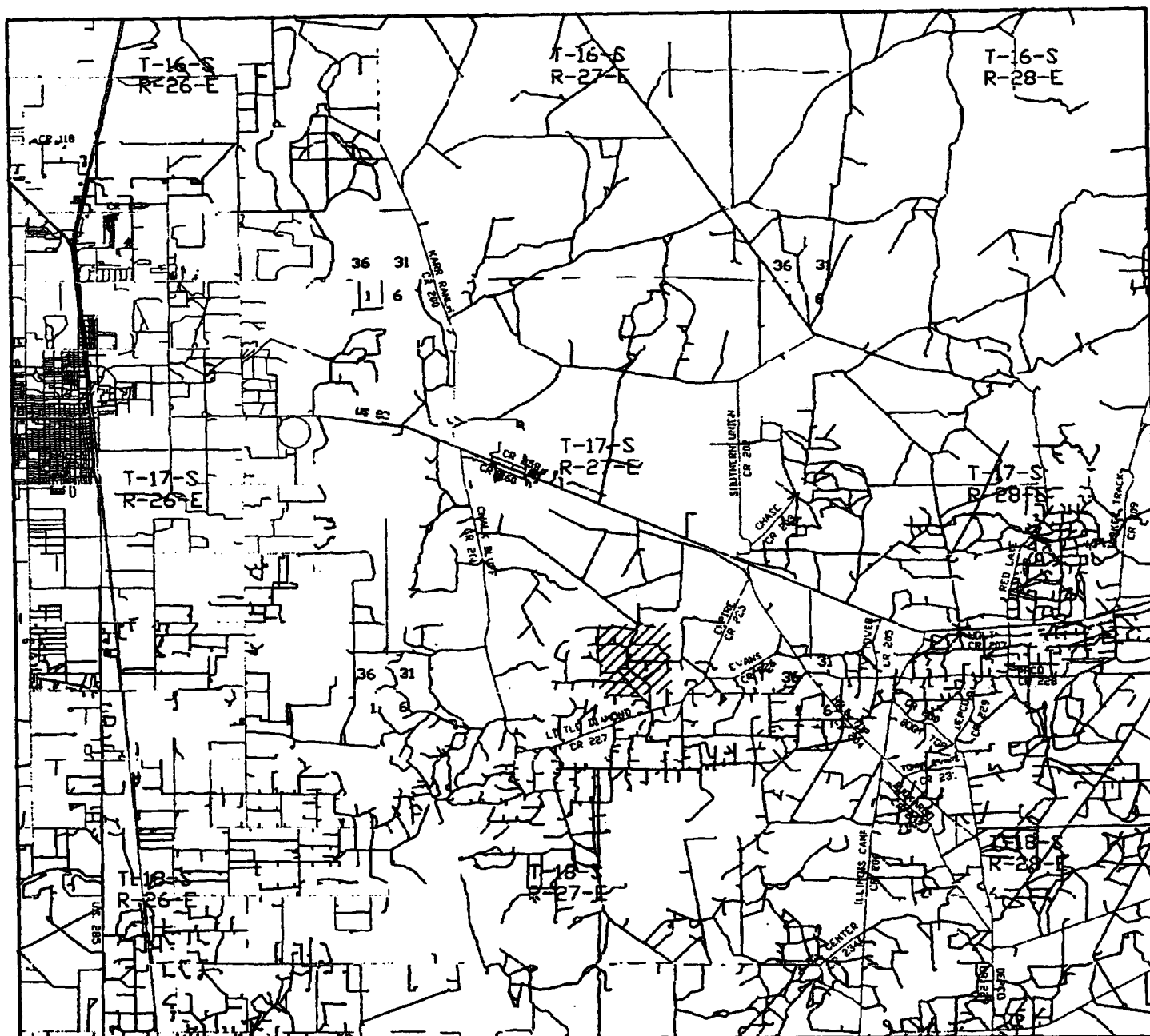
W.O. Number: 3903AA - KJG CD#4

Survey Date: 01-05-2004

Scale: 1" = 2000'

Date: 01-07-2004

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



**EAGLE "34E" FEDERAL #56**  
**2195' FNL AND 505' FWL**  
**Section 34, Township 17 South, Range 27 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: 3903AA - KJG CD#4

Survey Date: 01-05-2004

Scale: 1" = 2 MILES

Date: 01-07-2004

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

## DISTRICT I

1825 N. French Dr., Hobbs, NM 88240

## DISTRICT II

811 South First, Artesia, NM 88210

## DISTRICT III

1000 Rio Grande 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 "34E" FEDERAL	Well Number 56
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3513'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	34	17 S	27 E		2230	NORTH	470	WEST	EDDY

## Bottom Hole Location If Different From Surface

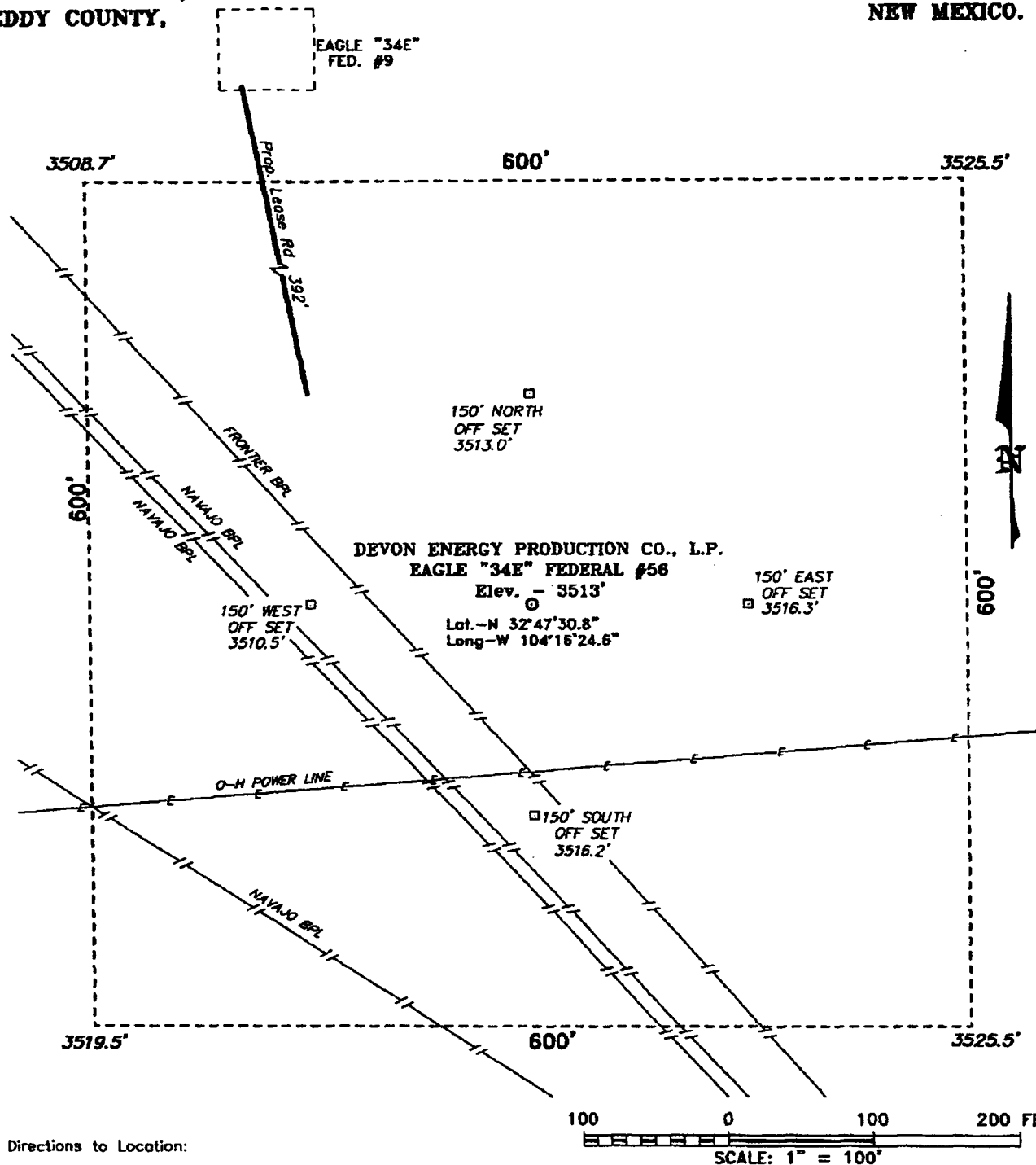
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

	<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Karen Cotton Printed Name Operations Technician Title December 9, 2003 Date	
	<b>SURVEYOR CERTIFICATION</b> 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. NOVEMBER 26, 2003 Date Surveyed  Signature of Professional Surveyor W.O. No. 3855 Certificate No. 7977 PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO	

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



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

W.O. Number: 3816 Drawn By: K. GOAD

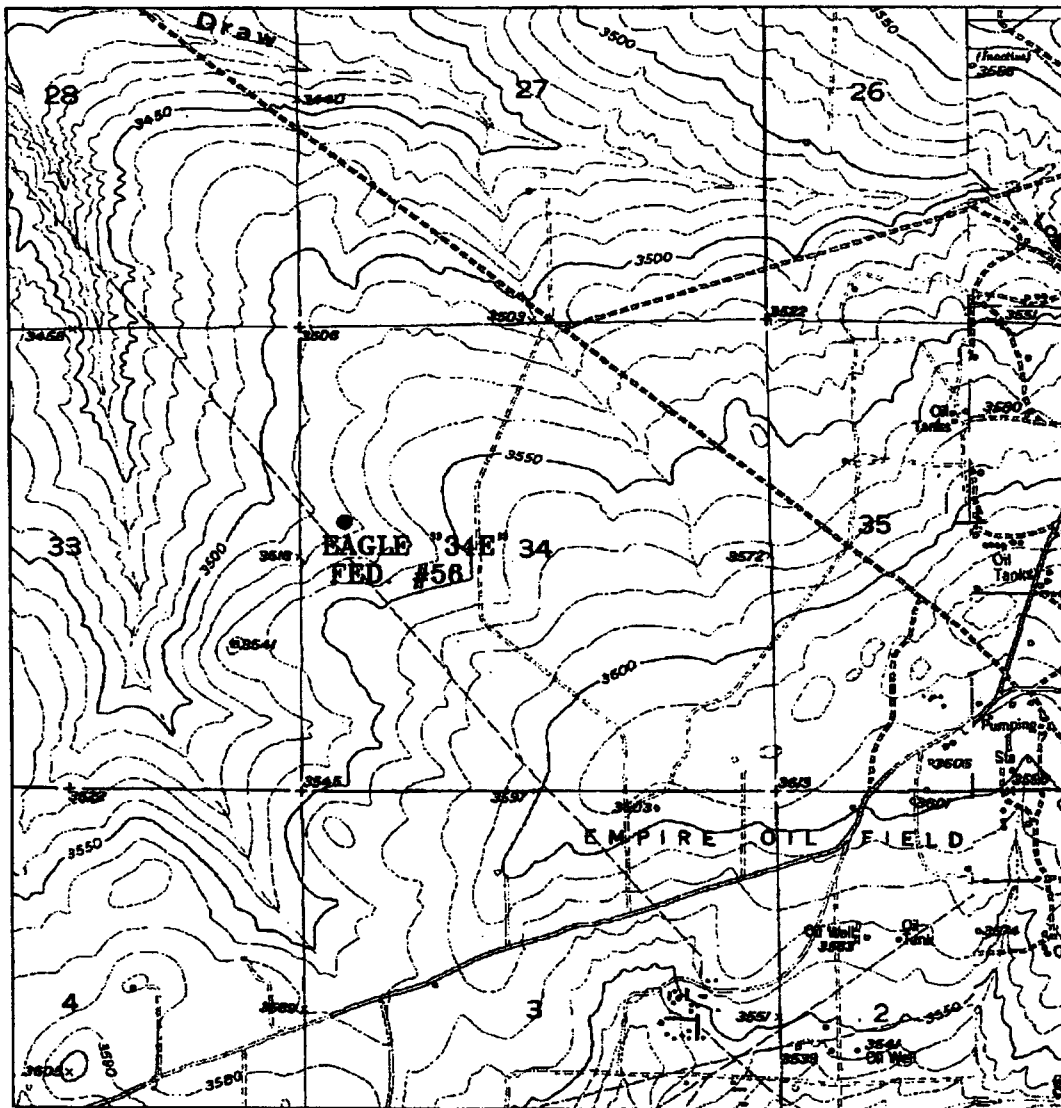
Date: 11-26-2003 Disk: KJG CD#4 - 3816A.DWG

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

REF: EAGLE "34E" FED. No. 56 / Well Pad Topo

THE EAGLE "35E" FED. No. 56 LOCATED 2230' FROM  
THE NORTH LINE AND 470' FROM THE WEST LINE OF  
SECTION 34, TOWNSHIP 17 SOUTH, RANGE 27 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 11-25-2003 Sheet 1 of 1 Sheets



**EAGLE "34E" FEDERAL #56**  
 2230' FNL AND 470' FWL  
 Section 34, Township 17 South, Range 27 East,  
 N.M.P.M., Eddy County, New Mexico.



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in the oilfield

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 Hobbs, New Mexico 88241  
 (505) 393-7316 - Office  
 (505) 392-3074 - Fax  
[basinsurveys.com](http://basinsurveys.com)

W.O. Number: 3816AA - KJG CD#4

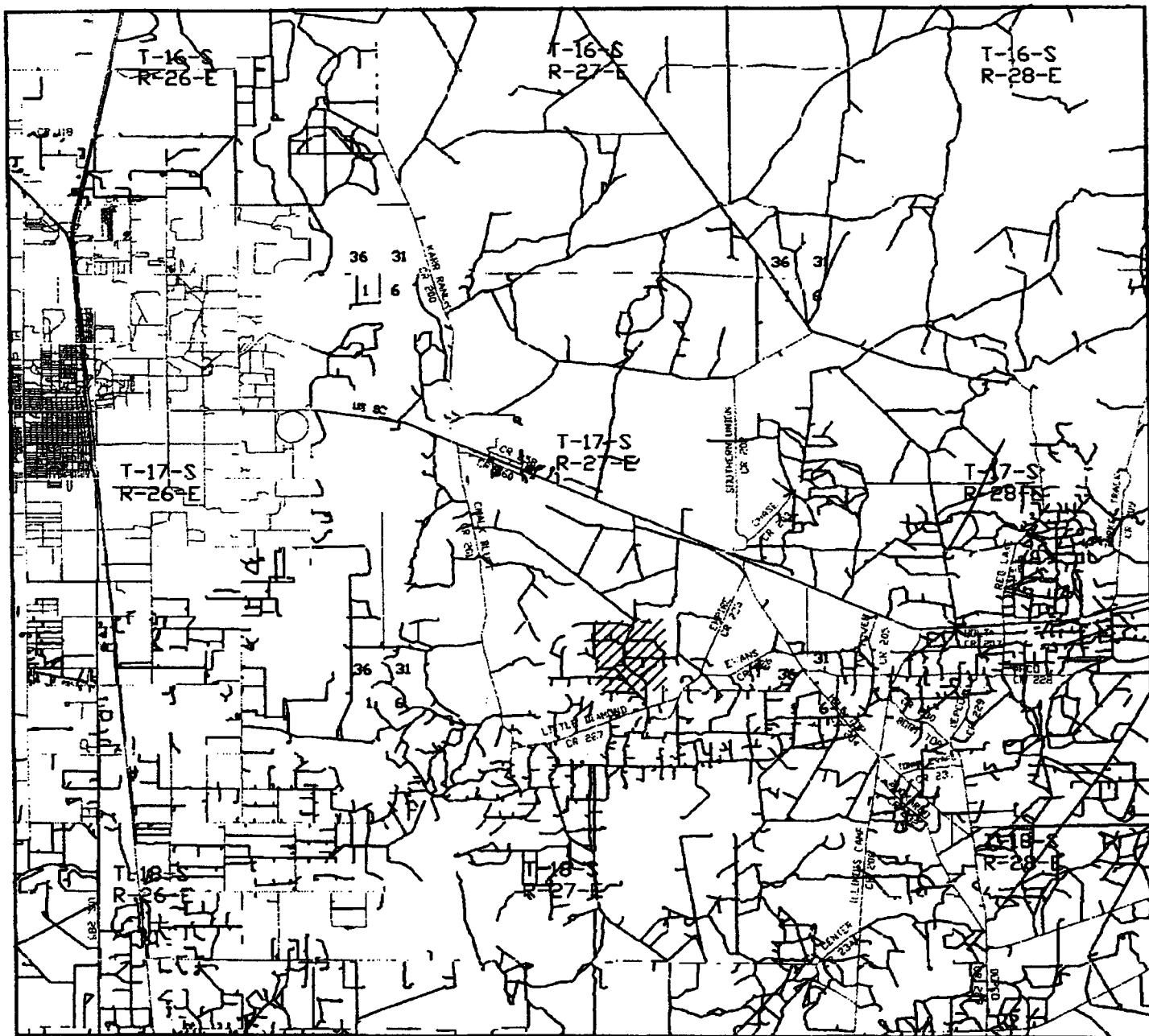
Survey Date: 11-25-2003

Scale: 1" = 2000'

Date: 11-26-2003

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





**EAGLE "34E" FEDERAL #56**  
**2230' FNL AND 470' FWL**  
**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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 basin-surveys.com

W.O. Number: 3816AA - KJG CD#4

Survey Date: 11-25-2003

Scale: 1" = 2 MILES

Date: 11-26-2003

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