

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

413

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> WELL WELL OTHER ZONE ZONE		8. FARM OR LEASE NAME, WELL NO. <u>33160</u> Pipeline Deep 6 Federal No.1	
2. NAME OF OPERATOR Gruy Petroleum Management Co. <u>162683</u>		9. API WELL NO. 30-025- <u>37547</u>	
3. ADDRESS AND TELEPHONE NO. P.O. Box 140907 Irving TX 75014 972-401-3111		10. FIELD AND POOL, OR WILDCAT Quail Ridge, Morrow North <u>83320</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  2300' FSL & 1750' FEL <u>Unit J</u> <u>NSL-5288</u>		11. SEC. T.R.M. BLOCK AND SURVEY OR AREA Sec. 6 T19S R34E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 31 miles West of Hobbs NM		12. COUNTY OR PARISH Lea	13. STATE NM <u>2005</u>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, T.O. (Also to nearest drlg. unit line, if any) 1750'	16. NO. OF ACRES IN LEASE 320	17. NO. OF ACRES ASSIGNED TO THIS WELL <u>320</u> <u>330.19</u> <u>Hobbs</u> <u>OC</u>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA	19. PROPOSED DEPTH 14000	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3606' GR		22. APPROX. DATE WORK WILL START* 12-15-04	

Captain Controlled Water Basin

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	J-55 13 3/8"	54.5#	425'	490 sx C <u>with 1000</u>
12 1/4"	NS-110 9 5/8"	40 #	3500'	1850 sx C <u>with 1000</u>
7 7/8"	P-110 5 1/2"	17 #	14000'	1620 sx TOC 2700

From the base of the surface pipe through the running of production casing, the well will be equipped with a 5000 - psi BOP system. We are requesting a variance for the 13 3/8" surface casing and BOP testing from Onshore Order No. 2, which states all casing strings below the conductor, shall be pressure tested to .22 psi per foot or 1500 # whichever is greater, but not to exceed 70% of the manufactures stated maximum internal yield. During the running of the surface pipe and the drilling of the intermediate hole we do not anticipate any pressures greater than 1000 # and are requesting a variance to test the 13 3/8" casing and BOP system to 1000 # psi, and use rig pumps instead of an independent service company.

IN ABOVE SPACE, DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24 SIGNED Zeno Farris TITLE Mgr. Ops. Admin DATE 08-05-04

(This space for Federal or State office use)

PERMIT No.

APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY /s/ Joe G. Lara TITLE ACTING FIELD MANAGER DATE FEB 25 2005

\*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes 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.

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

NSL

DISTRICT I  
1629 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1006 Rio Brazos Ed., 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 <b>30-025-37547</b>	Pool Code <b>83320</b>	Pool Name <b>Quail Ridge; Morrow, North</b>
Property Code <b>35160</b>	Property Name <b>PIPELINE DEEP "6" FEDERAL</b>	Well Number <b>1</b>
OCRD No. <b>162683</b>	Operator Name <b>GRUY PETROLEUM MANAGEMENT COMPANY</b>	Elevation <b>3606'</b>

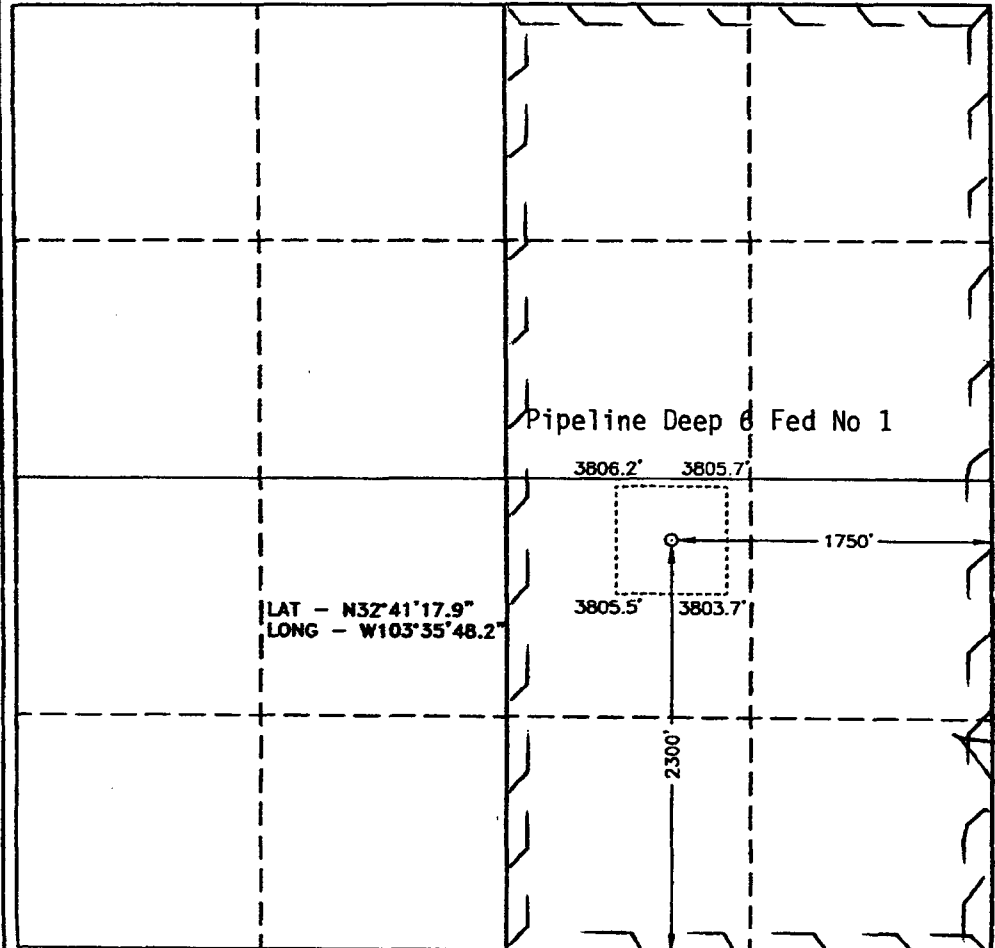
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	19 S	34 E		2300	SOUTH	1750	EAST	LEA

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 <b>320</b>	Joint or Infill <b>N</b>	Consolidation Code	Order No. <b>NSL-5288</b>						

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><b>OPERATOR CERTIFICATION</b></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>Zeno Farris</i> Signature Zeno Farris Printed Name Manager Operations Admin Title August 6, 2004 Date</p> <p><b>SURVEYOR CERTIFICATION</b></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>JULY 27, 2004 Date Surveyed Signature &amp; Seal of Professional Surveyor No. 4482 Certified Professional Land Surveyor 7977 BASIN SURVEYS</p>
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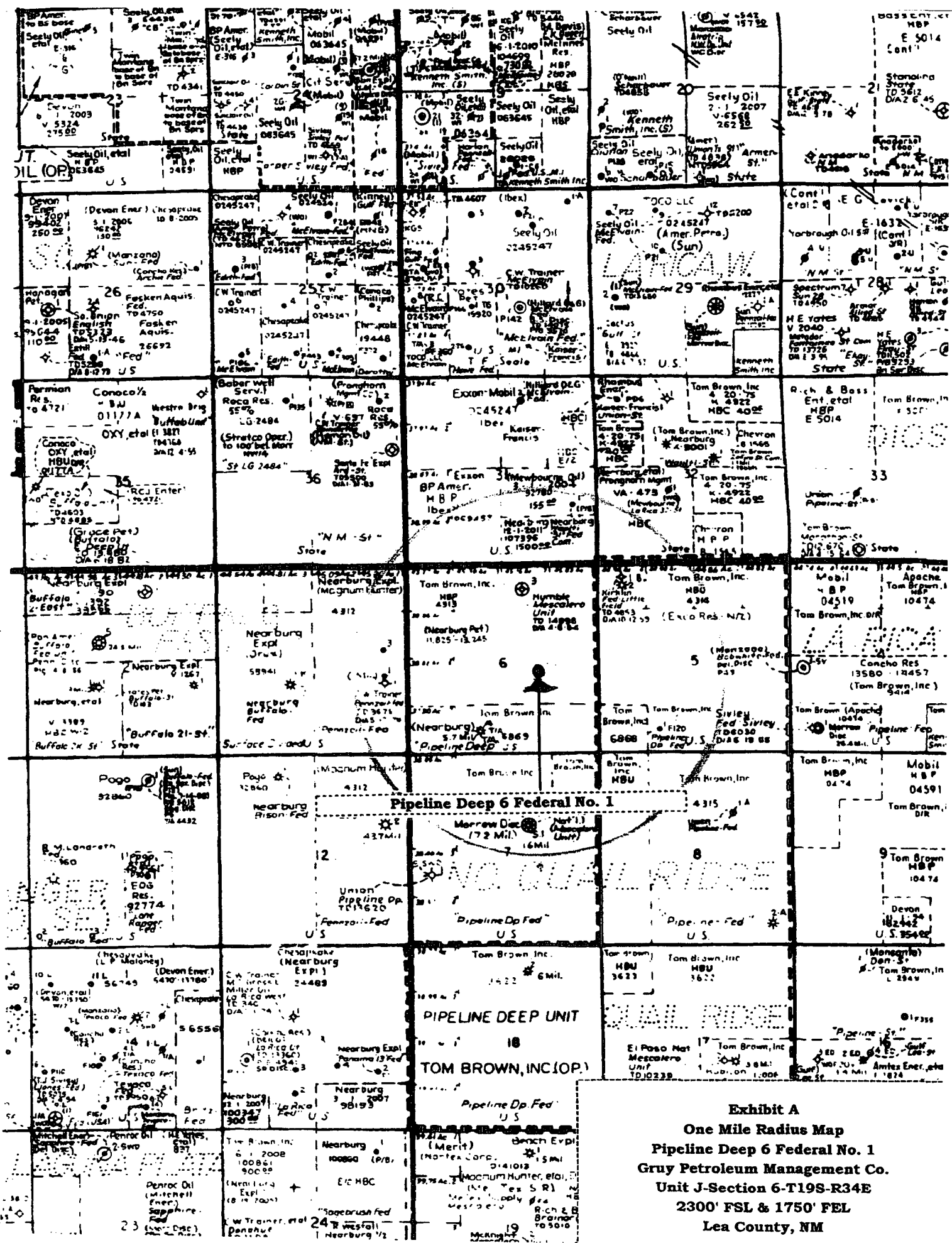
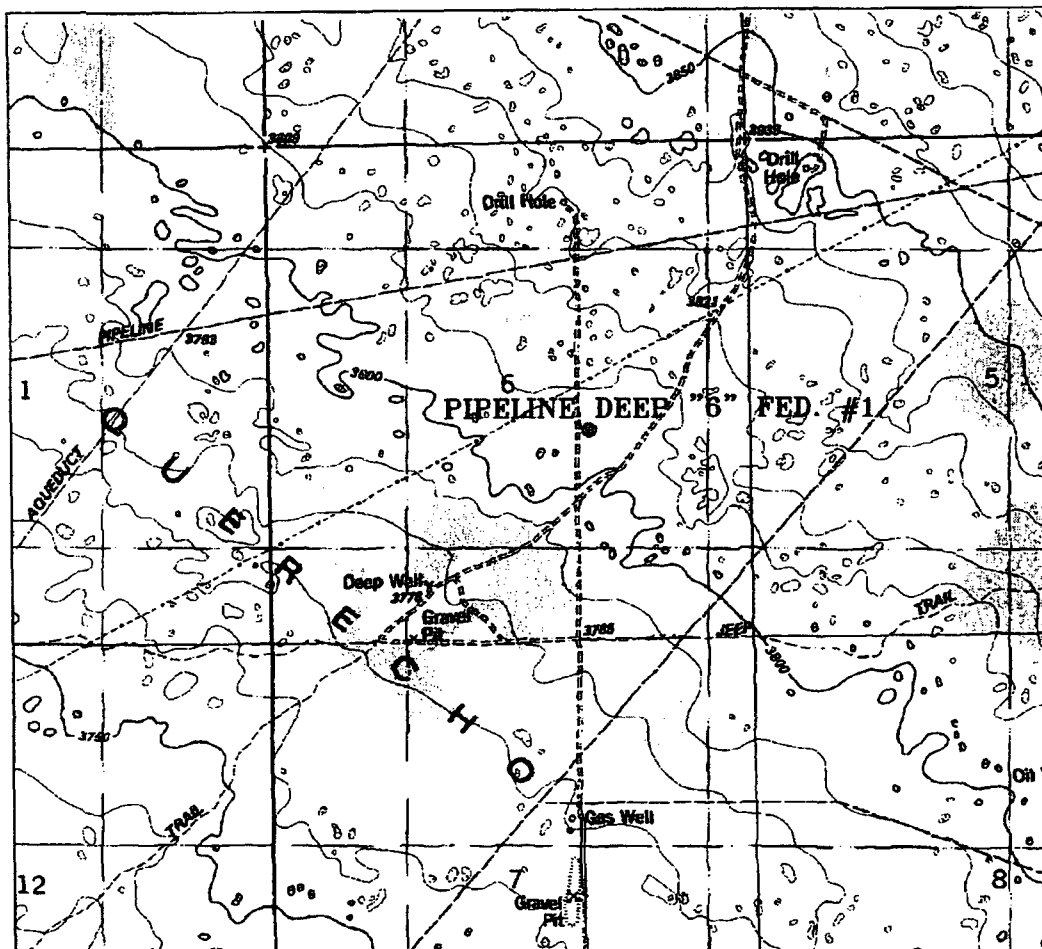


Exhibit A  
One Mile Radius Map  
Pipeline Deep 6 Federal No. 1  
Gruy Petroleum Management Co.  
Unit J-Section 6-T19S-R34E  
2300' FSL & 1750' FEL  
Lea County, NM



**PIPELINE DEEP "6" FEDERAL #1**  
 Located at 2300' FSL and 1750' FEL  
 Section 6, Township 19 South, Range 34 East,  
 N.M.P.M., Lea County, New Mexico.

Exhibit B

**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: 4482AA - KJG CD#4

Survey Date: 07-26-2004

Scale: 1" = 2000'

Date: 07-28-2004

**GRUY PETROLEUM  
 MANAGEMENT CO.**

GRUY PETROLEUM  
MANAGEMENT CO.

## Application to Drill

Gruy Petroleum Management Co.  
Pipeline Deep 6 Federal No. 1  
Unit Letter J Section 6  
T19S - R34E Lea County, NM

In response to questions asked under Section II B of Bulletin NTL-6 the following information is provided for your consideration:

- 1 Location: 2300' FSL & 1750' FEL Sec. 6 19S 34E
- 2 Elevation above sea level: GR 3606'
- 3 Geologic name of surface formation: Quaternary Alluvium Deposits
- 4 Drilling tools and associated equipment: Conventional rotary drilling rig using fluid as a circulating medium for solids removal.
- 5 Proposed drilling depth: 14000'
- 6 Estimated tops of geological markers:

T/Salt	1658'	Strawn	12164
B/Salt	3232'	Atoka	12416
Delaware	6070'	Morrow	12,747
Bone Spring	8136'		
Wolfcamp	10861		

- 7 Possible mineral bearing formation:

Bone Spring	Oil
Wolfcamp	Oil
Atoka	Gas
Morrow	Gas

- 8 Casing program:

Hole Size	Interval	Casing OD	Weight	Thread	Collar	Grade
17 1/2"	0-425'	13 3/8"	54.5	8-R	ST&C	J-55
12 1/4"	0-3500'	9 5/8"	40	8-R	ST&C	NS-180
7 7/8"	0-7000'	5 1/2"	17	8-R	ST&C	N-80
7 7/8"	7000-14000	5 1/2"	17	8-R	ST&C	P-110

## Application to Drill

Gruy Petroleum Management Co.  
Pipeline Deep 6 Federal No. 1  
Unit Letter J Section 6  
T19S - R34E Lea County, NM

### 9 Cementing & Setting Depth:

13 3/8"	Surface	Set 425' of 13 3/8" J-55 54.5 # ST&C casing. Cement with 490 Sx. Of Class "C" cement + additives, circulate cement to surface.
9 5/8"	Intermediate	Set 3500' of 9 5/8" NS-180 40 # ST&C casing. Cement in two stages, first stage cement with 1650 Sx. Of Class POZ/C Cement + additives, second stage cement with 200 Sx. Of Class "C" + additives, circulate cement to surface.
5 1/2"	Production	Set 14000' of 5 1/2" NP-80 / P-110 17# ST&C casing. Cement in two stages, first stage cement with 900 Sx. of Class POZ/C Cement + additives. Second stage cement with 500 Sx of Class "C" Estimated top of cement 4800'.

### 10 Pressure control Equipment:

Exhibit "E". A 13 3/8" 5000 PSI working pressure B.O.P. consisting of one set of blind rams and one set of pipe rams and a 5000 # annular type preventer. A choke manifold and 120 gallon accumulator with floor and remote operating stations and auxiliary power system. Rotating head below 6000'. A kelly cock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor. BOP unit will be hydraulically operated. BOP will be nipped up on the 9 5/8" casing and will be operated at least once a day while drilling and the blind rams will be operated when out of hole

### 11 Proposed Mud Circulating System:

Depth	Mud Wt	Viscosity	Fluid Loss	Type Mud
0 - 450'	8.7 - 9.2	32 - 34	May lose circ.	Fresh water spud mud add paper to control seepage and high viscosity sweeps to clean hole.
450' - 3500'	10 - 10.3	28 - 29	May lose circ.	Brine water. Add paper as needed to control seepage and add lime to control pH (9-10). Use high viscosity sweeps to clean hole.
3500' - 8300'	8.4 - 9.9	28 - 29	NC	Fresh water. Paper for seepage. Lime for pH (9 - 9.5)
8300' - 10000'	9.2 - 9.4	28 - 29	NC	Cut brine. Caustic for pH control.
10000' - 14000'	9.2 - 10.6	32 - 34	NC	XCD Polymer mud system.

Sufficient mud materials will be kept on location at all times in order to combat lost circulation, or unexpected kicks. In order to run DST's, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs. Mud system monitoring equipment with derrick floor indicators and visual/audio alarms shall be installed and operative prior to drilling into the Wolfcamp formation. This equipment will remain in use until production casing is run and cemented.

# New Mexico Oil Conservation Division, District I

Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1625 N. French Drive  
Hobbs, NM 88240

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

## 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**

5. Lease Serial No.  
NM 4314

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
Pipeline Deep 6 Fed No. 1

9. API Well No.  
30-025- 37547

10. Field and Pool, or Exploratory Area  
Quail Ridge; Morrow, North

11. County or Parish, State  
Lea, NM

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Gruy Petroleum Management Co.

3a. Address  
P.O. Box 140907 Irving, TX 75014-0907

3b. Phone No. (include area code)  
972.401.3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Section 6-T19S-R34E  
2300' FSL & 1750' FEL

## 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 type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.)

Due to rig design, instead of a hard-piped choke line, Gruy will use a 4-1/6" X 10,000 psi working pressure flexible choke line.

Please see attached choke line diagram and product specification sheet.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger

Title  
Reg Tech

Signature

*Natalie Krueger*

Date  
October 3, 2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

DEK SGOJ DAVID E. CLARK

PETROLEUM ENGINEER

Date OCT 04 2005

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

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)



Form 3160-5  
(November 1994)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD-HOBBS

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-9 (APD) for such proposals.*

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

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Gray Petroleum Management Co.

3a. Address  
P.O. Box 140907 Irving, TX 75014-0907

3b. Phone No. (include area code)  
972.401.3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Section 6-T19S-R34E  
2300' FSL & 1750' FEL

5. Lease Serial No.  
NM 4314

6. If Indian, Allottee or Tribe Name

7. E-Link or CA/Agreement, Name and/or No.

8. Well Name and No.  
Pipeline Deep 6 Fed No. 1

9. API Well No.  
30-025-37547

10. Field and Pool, or Exploratory Area  
Quail Ridge; Morrow, North

11. County or Parish, State

Lea, 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 type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompletes 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 demonstrated that the site is ready for final inspection.)

Due to Rig scheduling Gray will use Cactus Rig 122 (see attached diagram) for the drilling of the Pipeline Deep 6 Fed 1 instead of the permitted Patterson Rig 46.

OK to move  
NP. 9/23/05

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger

Title

Reg Tech

Signature

Natalie Krueger

Date

September 22, 2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Joe M. Lara

Title

Acting FM

Date

9/23/05

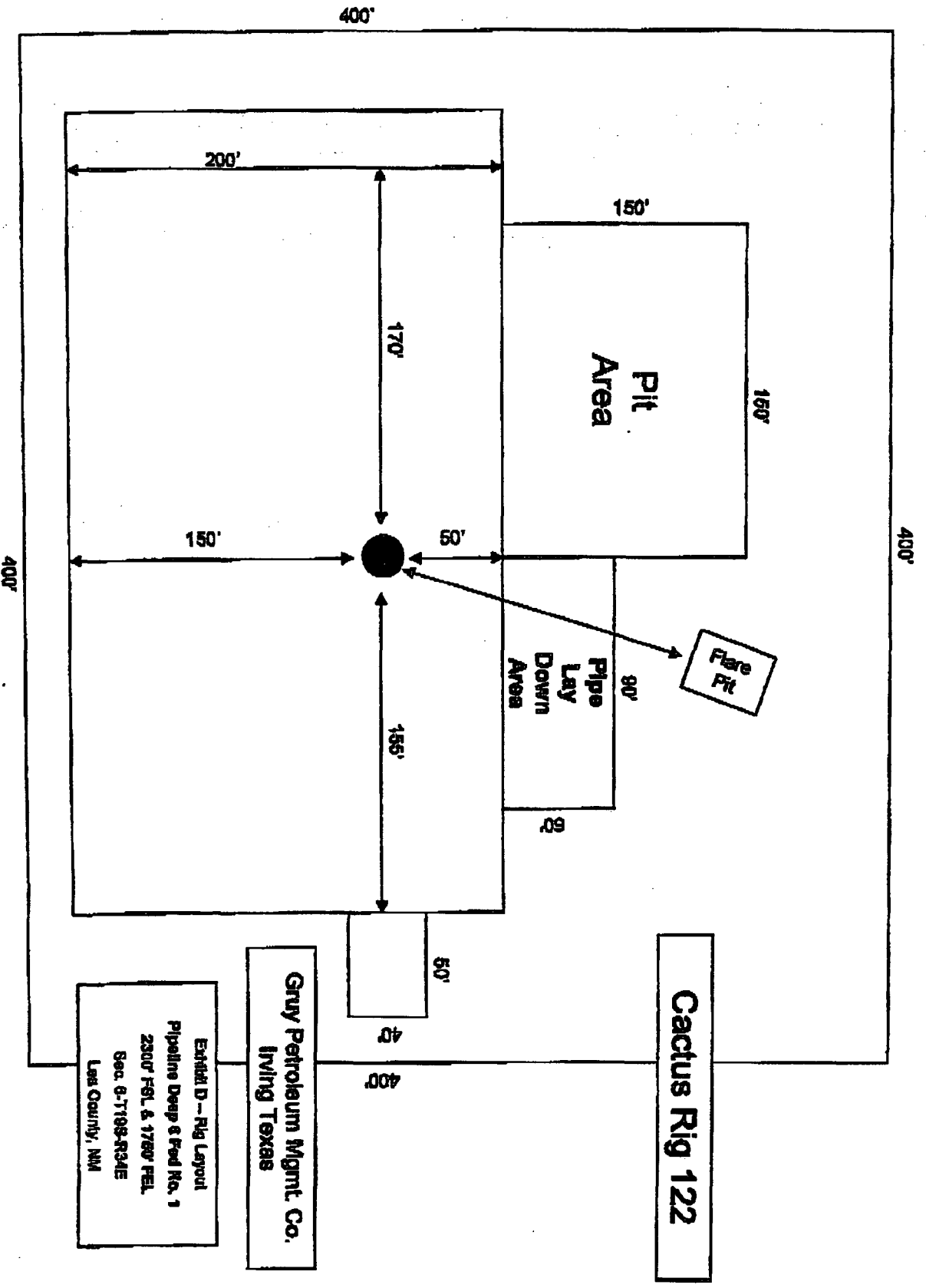
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would enable the applicant to conduct operations thereon.

Office

CFO

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GWW



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 4313
2. Name of Operator Gruy Petroleum Management Co.		6. If Indian, Allottee or Tribe Name
3a. Address P. O. Box 140907 Irving, TX 75014-0907	3b. Phone No. (include area code) 972-401-3111	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 6-T-19S-R-34E 2300' FSL & 1650' FEL <i>Unit J</i>		8. Well Name and No. Pipeline Deep 6 Federal No. 1
		9. API Well No. 30-025- <i>37547</i>
		10. Field and Pool, or Exploratory Area Quail Ridge; Morrow, North
		11. County or Parish, State Lea Co., 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 <u>Alter pit and solid cuttings disposal</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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.)

Gruy proposes to alter cuttings pit construction by utilizing a zero discharge closed circulating system as detailed below:  
Drill fluids will be contained in steel pits in a closed circulating system. Fluids will be cleaned and reused and drill cuttings will be seperated by a series of solids removal equipment. Drill cuttings will be hauled to a 100' x 70' cuttings drying area. The drying area will be lined with a 2' clay barrier and surrounded by a 2' x 2' ring levee and a 2' earthen berm. A 12 mil thick retention liner will cover the drying area and will extend a minimum of 2' over the earthen berm where the liner will be anchored down. A pump off system will pump any acumulated fluids in the ring levee to the rig holding tanks to be cleaned and reused. After drying, cuttings will be disposed of in a 50' X 50' cuttings burial cell. The bottom will be lined with a 2' clay barrier. Drill cuttings will be hauled from the cuttings drying area and encapsulated in a 12 mil liner. The 12 mil liner will be folded over the cuttings and capped with a 20 mil membrane cap. An additional 2' clay barrier will be added to prevent seepage and the cell will be filled with 3' to 4' of top soil and leveled and contoured to conform to the original surrounding area. See attached rig plat, cuttings burial cell diagram, and zero discharge overview.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Zeno Farris

Signature

*Zeno Farris*

Title

Manager Operations, Administration.

Date

12-16-05

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*/s/ Joe G. Lara*

Petroleum Engineer

Date

DEC 21 2005

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.

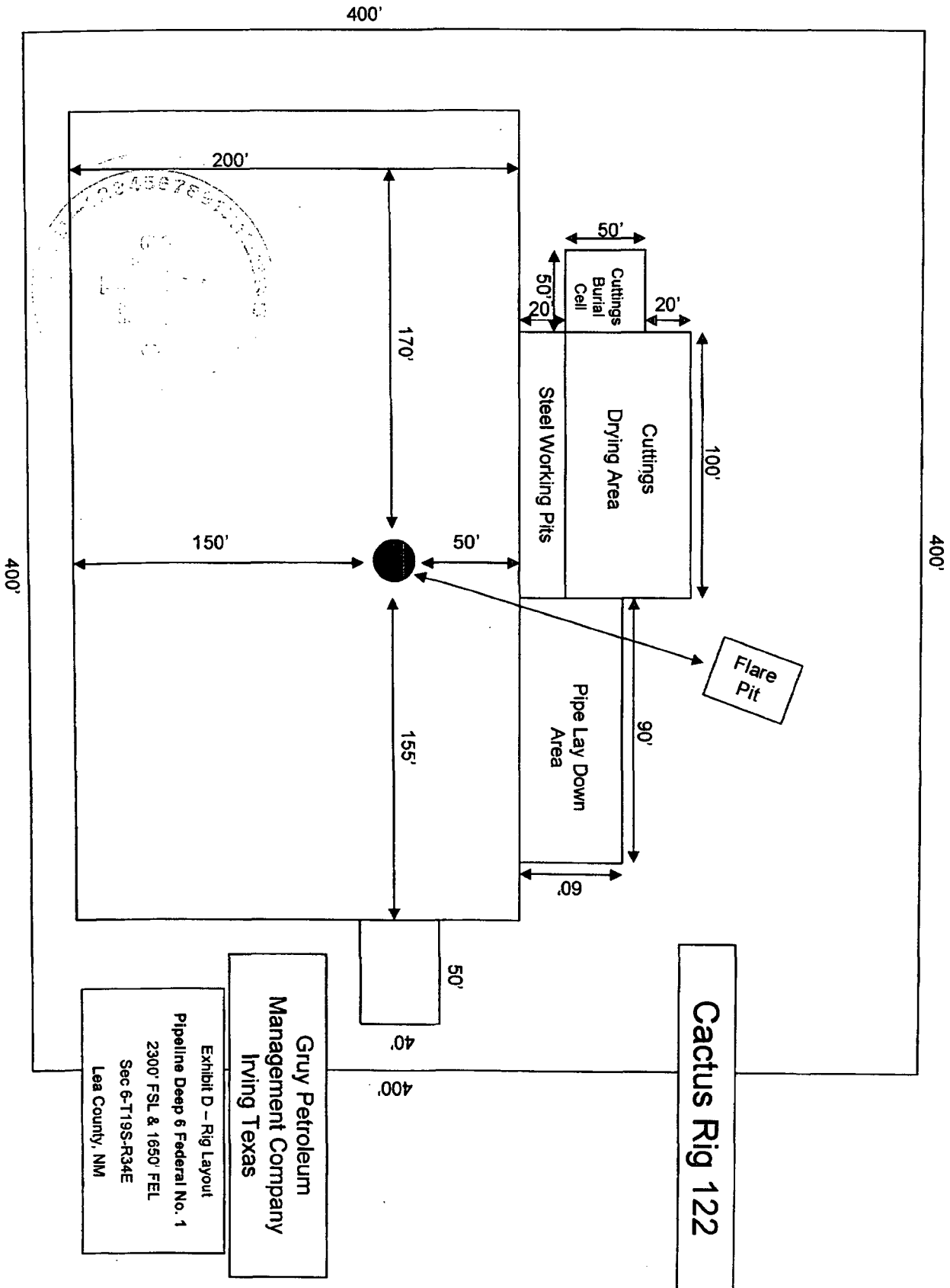
Office

CARLSBAD FIELD OFFICE

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(Instructions on reverse)

*GWW*



Gruy Petroleum  
Management Company  
Irving Texas

Exhibit D - Rig Layout  
Pipeline Deep 6 Federal No. 1  
2300' FSL & 1650' FEL  
Sec 6-T19S-R34E  
Lea County, NM

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-104B  
Permit 26456

**Change of Operator Name**

OGRID: 162683  
Effective Date: 5/1/2006

**Previous Operator Name and Information**

Name: GRUY PETROLEUM MANAGEMENT CO.  
Address: PO BOX 140907  
Address:  
City, State, Zip: IRVING, TX 750140907

**New Operator Name and Information**

Name: Cimarex Energy Co. of Colorado  
Address: PO Box 140907  
Address:  
City, State, Zip: Irving, TX 75014-0907

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given on this form and the certified list of wells is true to the best of my knowledge and belief.

Signature: Zeno Farris

Printed Name: Zeno Farris

Title: Manager Operations Administration

Date: 05-08-06 Phone: 972-443-6489

**NMOCD Approval**

Date: May 15, 2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

**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  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Gruy Petroleum Management Co.

3a. Address  
PO Box 140907, Irving, TX 75014-0907

3b. Phone No. (include area code)  
972-401-3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2300' FSL & 1750' FEL  
J-6-19S-34E

5. Lease Serial No.

NM-4313

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Pipeline Deep 6 Federal No. 1

9. API Well No.

30-025-37547

10. Field and Pool, or Exploratory Area

Quail Ridge; Morrow, North

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 <u>Set surface &amp; intermediate casing</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included 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 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.)

01/09/06 Spudded 17-1/2" hole.

01/10/06 Ran 10 jts 13-3/8" 48# H-40 STC casing to 434'. Cemented with lead of 260 sx + 4% Bentonite + 2% Calcium Chloride + 0.25 lbm Flocele (13.7 ppg, 1.68 yield) and tail of 150 sx + 2% Calcium Chloride (14.8 ppg, 1.34 yield). Circulated 134 sx to surface. WOC 31.5 hours.

01/12/06 Tested casing to 1000 psi for 30 minutes.

01/17/06 Ran 90 jts 9-5/8" 40# J-55 LTC casing to 3431'. Cemented with lead of 1525 sx Interfill C + 0.25 lb/sk Flocele (11.9 ppg, 2.45 yield) and tail of 200 sx Premium Plus + 1% CaCl<sub>2</sub> (14.5 ppg, 1.33 yield). Circulated 302 sx to surface. WOC 34.75 hrs.

01/19/06 Tested casing to 1000 psi for 45 minutes.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger

Signature

*Natalie Krueger*

Title

Reg Tech

Date

April 3, 2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

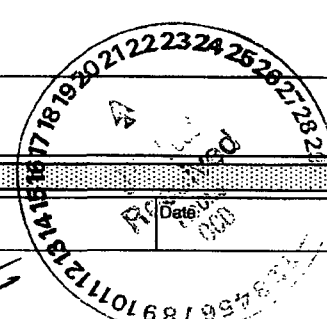
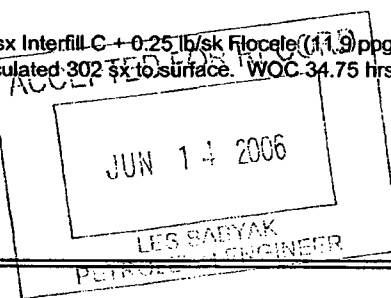
Title

Office

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.

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)



# WELL LOGS

API number:	30-025-37547		
OGRID:		Operator:	CIMAREX ENERGY CO OF COLORADO
		Property:	PIPELINE DEEP UNFF <i>b Federal</i> # 1

surface	ULSTR:	J	6	T 19S	R 34E
			2300	FSL	1650 FEL

BH Loc	ULSTR:	J	6	T 19S	R 34E
			2300	FSL	1650 FEL

Ground Level:	3804	DF:	3832	KB:	3833
Datum:	KB			TD:	13576

Land: **STATE**

Completion Date: (1) **5/17/2006**

Date Logs Received: **6/26/2006** \*\*Late

Date Logs Due in: (2) **6/6/2006**

Confidential:	NO			Date out:	
---------------	----	--	--	-----------	--

Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
DSN/SDL	200	13580	Spectral Density Dual Spaced Neutron
DLL/MSFL	3425	13580	Dual Laterolog Micro Spherically Focused Log
	8000	13440	Raidial Cement Bond

## OCD TOPS

Rustler	1573	Strawn	12099	
Tansill		Atoka	12502	
Yates	3266	Morrow	12898	
Seven Rivers	3726			
Queen	4430			
Delaware				
Delaware Sd	5757			
Bone Spring	7784			
1st Sd	9072			
2nd Carb	9214			
2nd Sd	9589			
3rd Carb	10054			
3rd Sd	10540			
Wolfcamp	10724			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 4313
2. Name of Operator Gruy Petroleum Management Co.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. Box 140907 Irving, TX 75014-0907	3b. Phone No. (include area code) 972.401.3111	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Section 6-I19S-R34E 2300' FSL & 1650' FEL		8. Well Name and No. Pipeline Deep 6 Fed No. 1
		9. API Well No. 30-025-
		10. Field and Pool, or Exploratory Area Quail Ridge; Morrow, North
		11. County or Parish, State Lea, 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 type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 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.)

In order to accomodate the size of the newly approved Cactus Rig 122, Gruy must move its location for this well 100' East.

The well's new location is still within the guidelines of its approved POD

Please see the attached plats showing the new location.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Natalie Krueger		Title Reg Tech
Signature <i>Natalie Krueger</i>		Date November 14, 2005
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by <i>Lara</i>	Acting FIELD MANAGER	Date 11/23/05
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, makes 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.

(Instructions on reverse)

*KZ*



## DISTRICT I

1625 N. FRENCH DR., BOBBS, NM 88240

## DISTRICT II

1301 W. GRAND AVENUE, 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 Department

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37547	Pool Code 8332D	Pool Name Quail Ridge; Morrow, North (Gas)
Property Code 3516D	Property Name PIPELINE DEEP 6 FEDERAL	Well Number 1
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3804'

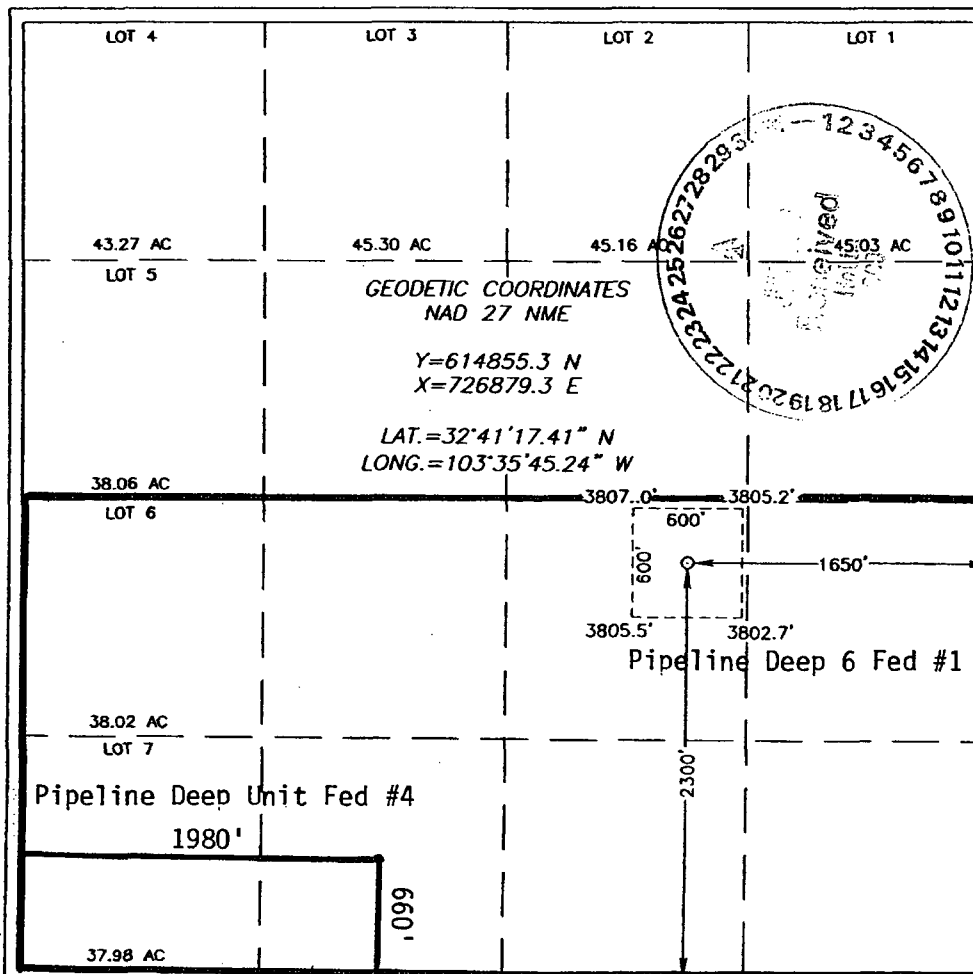
## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	19-S	34-E		2300	SOUTH	1650	EAST	LEA

## 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	Joint or Infill	Consolidation Code	Order No.						
316	Y	U	NSL-5288						

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



## OPERATOR CERTIFICATION

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

Zeno Farris

Signature

Zeno Farris

Printed Name

Mgr Operations Admin

Title

June 21, 2006

Date

## 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.

NOVEMBER 9, 2005

Date Surveyed

JR

Signature & Seal of  
Professional SurveyorGARY EIDSON  
06.11/1753Certificate No. GARY EIDSON  
RONALD J. EIDSON12841  
3239



30-025-37547

CACTUS DRILLING COMPANY, L.L.C.

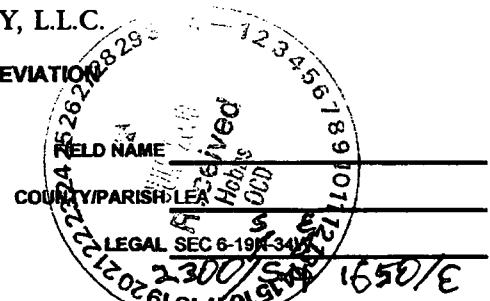
REPORT OF PROOF OF APPARENT DEVIATION  
NEW MEXICO

OPERATOR GRUY PETROLEUM MANAGEMENT CO.

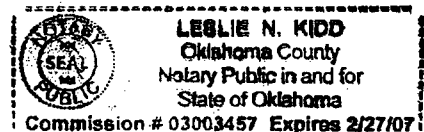
600 EAST LAS COLINAS BLVD. STE 1100  
IRVING, TX 75039

WELL NAME &amp; NO. PIPELINE DEEP 6 FEDERAL #1

Unit J



MEASURED DEPTH (FT)	COURSE LENGTH (HUNDREDS OF FT)	ANGLE OF INCLINATION (DEGREES)	DISPLACEMENT PER HUNDRED FT (SINE OF ANGLE X 100)	COURSE DISPLACEMENT (FEET)	CUMULATIVE DISPLACEMENT (FEET)	REMARKS
122	1.22	1/5	0.3316	0.40	0.40	
246	1.24	3/7	0.7505	0.93	1.34	
402	1.56	1/6	0.2793	0.44	1.77	
603	2.01	1/4	0.4363	0.88	2.65	
712	1.09	1/2	0.8727	0.95	3.60	
871	1.59	1/4	0.4363	0.69	4.29	
1052	1.81	1/2	0.8727	1.58	5.87	
1203	1.51	1/2	0.8727	1.32	7.19	
1471	2.68	1/2	0.8727	2.34	9.53	
1766	2.95	1/2	0.8727	2.57	12.10	
2262	4.96	1/2	0.8727	4.33	16.43	
2747	4.85	1/4	0.4363	2.12	18.55	
3253	5.08	1/4	0.4363	2.21	20.76	
3400	1.47	1/4	0.4363	0.64	21.40	
3638	2.38	1	1.7452	4.15	25.55	
4227	5.89	1	1.7452	10.28	35.83	
4383	1.56	1	1.7452	2.72	38.55	
4614	2.31	1	1.7452	4.03	42.58	
5013	3.99	1	1.7452	6.96	49.55	
5405	3.92	1	1.7452	6.84	56.39	
5776	3.71	1	1.7452	6.47	62.86	
6157	3.81	1	1.7452	6.65	69.51	
6516	3.59	1	1.7452	6.27	75.78	
6918	4.02	1	1.7452	7.02	82.79	
7300	3.82	1	1.7452	6.67	89.46	
7698	3.98	1	1.7452	6.95	96.41	
8111	4.13	1	1.7452	7.21	103.62	
8487	3.78	1 1/2	2.6177	9.84	113.46	
8670	1.83	1	1.7452	3.19	116.65	
9045	3.75	1	1.7452	6.54	123.20	
9455	4.10	1	1.7452	7.16	130.35	
9801	3.46	1/2	0.8727	3.02	133.37	
9990	1.89	1	1.7452	3.30	136.67	
10146	1.56	1	1.7452	2.72	139.39	
10305	1.59	1	1.7452	2.77	142.17	
10717	4.12	1	1.7452	7.19	149.36	
10884	1.67	1	1.7452	2.91	152.27	
11223	3.39	1	1.7452	5.92	158.19	
11426	2.03	1	1.7452	3.54	161.73	
11634	2.08	1/2	0.8727	1.82	163.55	
11823	1.89	1	1.7452	3.30	166.84	
12216	3.93	1/2	0.8727	3.43	170.27	
12395	1.79	1/2	0.8727	1.56	171.84	
13145	7.50	0	0.0000	0.00	171.84	
13376	2.31	0	0.0000	0.00	171.84	



6/13/2006

P.O. Box 270848 • Oklahoma City, OK 73137-0848  
(405) 577-5347 • Fax (405) 577-9306

6-14-2006

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ REPAIR ☐ PLUG BACK ☐ DIFF. REMOVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Cimarex Energy Co. of Colorado

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 2300' FSL & 1650' FEL

At top prod. interval reported below 2300' FSL & 1650' FEL

At total depth 2300' FSL & 1650' FEL

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-4313

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Pipeline Deep Unit

8. FARM OR LEASE NAME, WELL NO.

Pipeline Deep 6 Federal No. 1

9. API WELL NO.

30-025-37547

10. FIELD AND POOL, OR WILDCAT

Quail Ridge; Morrow, North (Gas)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

J-6-19S-34E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 01-09-06 16. DATE T.D. REACHED 02-21-06 17. DATE COMPL. (Ready to prod.) 05-17-06 18. ELEVATIONS (DP, RKB, RT, OR, ETC.)\* 3606' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 13576' 21. PLUG BACK T.D., MD & TVD 13446' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY 23' 24' 25' 26' 27' 28' 29' 30' 31' 32' 33' 34' 35' 36' 37' 38' 39' 40' 41' 42' 43' 44' 45' 46' 47' 48' 49' 50' 51' 52' 53' 54' 55' 56' 57' 58' 59' 60' 61' 62' 63' 64' 65' 66' 67' 68' 69' 70' 71' 72' 73' 74' 75' 76' 77' 78' 79' 80' 81' 82' 83' 84' 85' 86' 87' 88' 89' 90' 91' 92' 93' 94' 95' 96' 97' 98' 99' 100'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Quail Ridge; Morrow, North (Gas) 13039' - 13263' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron GRL, Dual Laterlog Micro Guard, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48#	434'	17-1/2"	410 sx pipe 134 sx	
9-5/8" J-55	40#	3431'	12-1/4"	1700 sx pipe 12-1/4"	
5-1/2" P-110	17#	13576'	8-3/4"	2240 sx TOC 4150'	

29. LINE RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	12295'	12295'

31. PREPARATION RECORD (Interval, size and number)

13039' - 13044' 2 SPF 10 holes

13051' - 13057' 1 SPF 6 holes

13160' - 13163' 3 SPF 9 SPF

13250' - 13252' 4 SPF 8 holes

13261' - 13263' 4 SPF 8 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13039' - 13263'	65000 gal 65-61Q 45# Water Frac CMHPG w/ 48500# Ultracrop

33. PRODUCTION

DATE FIRST PRODUCTION 05-17-06 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 06-02-06 HOURS TESTED 24 CHOKE SIZE WO PROD'N. FOR TEST PERIOD OIL—BSL. 3 GAS—MCP. 62 WATER—BSL. 3 GAS-OIL RATIO 20667

FLOW, TUBING PRESS. 650 CASING PRESSURE 0 CALCULATED 24-HOUR RATE OIL—BSL. GAS—MCP. WATER—BSL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Natalie Kneige

TITLE Reg Analyst I

DATE 06-21-06

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	3265'					
Queen	4430'					
Delaware	5760'					
Bone Spring	7825'					
Wolfcamp	10740'					
Strawn	12100'					
Atoka	12500'					
Morrow Clastics	13125'					

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 & Natural Resources

Form C-104  
Revised June 10, 2003

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

<sup>1</sup> Operator name and Address Cimarex Energy Co. of Colorado PO Box 140907 Irving, TX 75014		<sup>2</sup> OGRID Number 162683
		<sup>3</sup> Reason for Filing Code/ Effective Date NW - 05-01-06
<sup>4</sup> API Number 30 - 025-37547	<sup>5</sup> Pool Name Quail Ridge; Morrow, North (Gas)	<sup>6</sup> Pool Code 83320
<sup>7</sup> Property Code 35160	<sup>8</sup> Property Name Pipeline Deep 6 Federal	<sup>9</sup> Well Number 001

II. <sup>10</sup> Surface Location

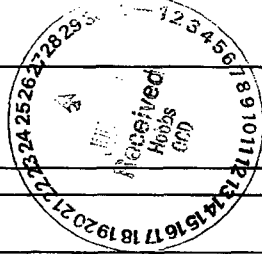
UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	6	19S	34E		2300	South	1650	East	Lea

<sup>11</sup> Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 05-25-06	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date				

III. Oil and Gas Transporters

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> POD	<sup>21</sup> O/G	<sup>22</sup> POD ULSTR Location and Description
036785	Duke Energy Field Services, LP 3300 North A Street Bldg 7 Midland, TX 79705		G	Same as above
35103	Sunoco Partners Mktg & Terminals, LP PO Box 2036 Tulsa, OK 74102		O	Same as above



IV. Produced Water

<sup>23</sup> POD	<sup>24</sup> POD ULSTR Location and Description Same as above
-------------------	---

V. Well Completion Data

<sup>25</sup> Spud Date	<sup>26</sup> Ready Date	<sup>27</sup> TD	<sup>28</sup> PSTD	<sup>29</sup> Perforations	<sup>30</sup> DHC, MC
01-09-06	05-17-06	13576'	13446'	13039' - 13263'	
<sup>31</sup> Hole Size	<sup>32</sup> Casing & Tubing Size	<sup>33</sup> Depth Set	<sup>34</sup> Sacks Cement		
17-1/2"	13-3/8" H-40	434'	410 sx circ 134 sx		
12-1/4"	9-5/8" J-55	3431'	1700 sx circ 302 sx		
8-3/4"	5-1/2" P-110	13576'	2240 sx TOC 4150'		
	2-3/8"	12295'			

VI. Well Test Data

<sup>35</sup> Date New Oil	<sup>36</sup> Gas Delivery Date	<sup>37</sup> Test Date	<sup>38</sup> Test Length	<sup>39</sup> Tbg. Pressure	<sup>40</sup> Csg. Pressure
05-17-06	05-25-06	06-02-06	24 hrs	650	0
<sup>41</sup> Choke Size	<sup>42</sup> Oil	<sup>43</sup> Water	<sup>44</sup> Gas	<sup>45</sup> AOF	<sup>46</sup> Test Method
wo	3	3	62		F

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Natalie Krueger*

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Date: June 21, 2006

Phone: 469-420-2723

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

Approval Date:

JUL 05 2006

PETROLEUM ENGINEER