



SUSPENSE

2/17/03

ENGINEER

WVS

LOGGED IN

M

TYPE

NSL

APP NO

PRR0302930652

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505

Dakota

ABOVE THIS LINE FOR DIVISION USE ONLY

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

**[1] TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication

☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR

[D] Other: Specify \_\_\_\_\_

MarkWest's  
Las Colinas #200

JAN 28 2003

**[2] NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or \_ Does Not Apply☒ [A] Working, Royalty or Overriding Royalty Interest Owners☒ [B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

☒ [D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

☒ [E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

**[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

**[4] CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name

BRIAN WOOD  
(505) 466-8120  
FAX 466-9682

Signature

Title

CONSULTANT

Date

1-28-03

e-mail Address

brian@permitswest.com

2-17



REQUEST FOR ADMINISTRATIVE APPROVAL FOR NON-STANDARD LOCATION  
FOR MARKWEST RESOURCES, INC.  
LAS COLINAS #200 GAS WELL  
BASIN DAKOTA FIELD & POOL  
1990' FNL & 429' FWL SEC. 26, T. 30 N., R. 13 W., SAN JUAN COUNTY, NM

I. The well bore and most of the pad are on private surface and BLM oil and gas lease NMSF-078213. The remainder of the pad is on BLM surface and the same BLM lease. The well is 795' from the closest lease line. The proposed location is non-standard for the Basin Dakota gas. A standard location must be at least 660' from the quarter section line. This well is staked 10' further south and 231' further west than is standard. (Closest standard location would be 1980' FNL and 660' FWL.) The APD is attached (EXHIBIT A).

II. A C-102 showing the well location and pro ration unit (W2 Sec. 26) is attached (EXHIBIT B). The lease (2,480 acres) is shown as a solid line on the attached (EXHIBIT C) Farmington North USGS map. The well encroaches on:

- a) the center quarter section line of the W2 Section 26 Basin Dakota gas spacing unit which is dedicated to MarkWest's existing Federal A #2 well (1190' FSL & 890' FWL 26-30n-13w), which is 2,150' south
- b) The east line of the N2 Section 27 Basin Dakota gas spacing unit which is dedicated to Energen's McGee #1 (890 FNL & 1850 FEL 27-30n-13w), which is 2,531' northwest
- c) The east line of the S2 Section 27 Basin Dakota gas spacing unit which is dedicated to Energen's McCord #5 E (950 FSL & 1725 FEL 27-30n-13w), which is 3,187' southwest

III. According to NM Oil Conservation Division records, the closest Dakota gas well is MarkWest's Federal A #2 well. It is 2,150' south at 1190' FSL & 890' FWL 26-30n-13w. A copy of the Farmington North 7.5' USGS map is attached (EXHIBIT D) showing the proposed well site, existing & applied Dakota spacing units (dashed lines), existing & applied Dakota gas wells, and 2,480 acre lease (solid line including all of Sections 25, 26, & 35 and parts of Sections 23, 27, & 34). Registered letters were sent on January 27, 2003 to all of the offset interest owners. Copies of the postal receipts and letters are attached.

IV. A copy of the Farmington North USGS map is attached (EXHIBIT E). The proposed well site is marked. Pro ration unit (dashed outline) for the Basin Dakota gas is the 320.00 acre west half of Section 26, Township 30 North, Range 13 West, NMPM, San Juan County, NM.

V. MarkWest selected its location due to topography. The drilling window is in the Farmington City Limits. Houses are to the north, east, and south. Closest house is 542' southeast. The location was selected to put it in a low forested spot selected by the neighbors to minimize impacts to the neighbors.

VI. Archaeology is not an issue.

VII. See item V. above and attached map for a description of the surface conditions.

VIII. Directional drilling is not feasible because it is not cost effective.

IX. I hereby certify notice (see attached EXHIBIT F) has been sent to the following lessees , lessors, operators of existing spacing units, or owners of undrilled leases which adjoin the applicant's spacing unit on one or more of the two sides or the single closest corner to the proposed well and that the information is current and correct.

Robert L. Bayless, Producer LLC  
Benson-Montin-Greer  
BLM

Burlington Resources Oil and Gas Company  
Calpine Natural Gas LP  
ConocoPhillips  
Steve Dunn

Energen Resources Corp.

J & R Merrion Trust

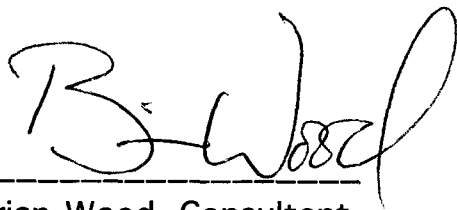
Greg T. Merrion

Michael K. Merrion

Merrion Oil & Gas Corp.

Providence Minerals LLC

Questar Exploration & Production



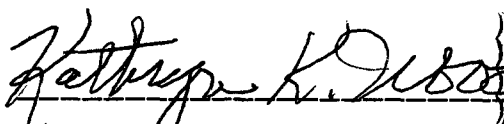
Brian Wood, Consultant

January 27, 2003

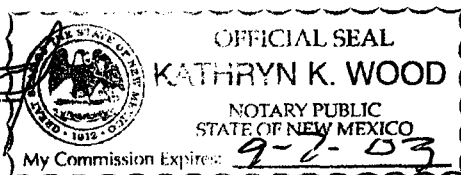
Date

STATE OF NEW MEXICO     )  
  ) SS:  
COUNTY OF SANTA FE     )

The foregoing instrument was acknowledged before me this 27th day of January, 2003 by Brian Wood. Witness my hand and official seal.



Notary Public



My Commission Expires: September 7, 2003

Business Address: 37 VERANO LOOP, SANTA FE, NM 87508

cc: Aztec OCD, Stowe

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1. Type of Work ☒ DRILL ☐ REENTER

2. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone

3. Name of Operator  
**MARKWEST RESOURCES, INC.**

4. Address **155 INVERNESS DR., SUITE 200  
ENGLEWOOD, CO. 80112** 5. Phone No. (include area code)  
**(303) 290-8700**

6. Location of Well (Report location clearly and in accordance with any State requirements.)

At surface **1990' FNL & 429' FWL**  
At proposed post **SAME**

7. Distance in miles and direction from nearest town or post office\*  
**3 AIR MILES NORTH OF FARMINGTON POST OFFICE**

8. Distance from proposed location to nearest property or lease line, BLM (also to nearest dry land line, if any) **795'**

9. No. of Acres in lease **2,480**

10. Spacing Unit dedicated to this well **320 ACRES (W2)**

11. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, B **Completed: 1,578'  
Applied for: 21'**

12. Proposed Depth **6,550'**

13. BLM/BIA Bond No. on file **KA6084 (BLM - NATIONWIDE)**

14. Elevations (Show whether DE, DBL, RE, GL, etc.) **5,742' GL**

15. Approximate date work will start\* **MARCH 15, 2003**

16. Estimated duration **10 DAYS TO DRILL**

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 SEPO 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.

Comments

Signature *B. Wood* cc:BLM (&OCD), City, Pippin, Stowe  
Name (Printed/Typed) **BRIAN WOOD** Date **12-17-02**  
Title **CONSULTANT** PHONE: 505 466-8120 FAX: 505 466-9682

Approved by (Signature) \_\_\_\_\_ Name (Printed/Typed) \_\_\_\_\_ Date \_\_\_\_\_  
Title \_\_\_\_\_ 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.

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.

FORM APPROVED  
GMR No. 1001-01-06  
Expires November 30, 2000

5. Lease Serial No.  
**NMSF-078213**

6. If Indian, Alliance or Tribe Name  
**N/A**

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

8. Lease Name and Well No.  
**LAS COLINAS #200**

9. API Well No.  
**30-045-**

10. Field and Pool, or Exploratory  
**BASIN DAKOTA**

11. Sec., T., R., M., or BLM and Survey or Area  
**26-30n-13w NMPM**

12. County or Parish  
**SAN JUAN**

13. State  
**NM**

DISTRICT I  
1825 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
811 South First, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Artesia, N.M. 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised August 15, 2000

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

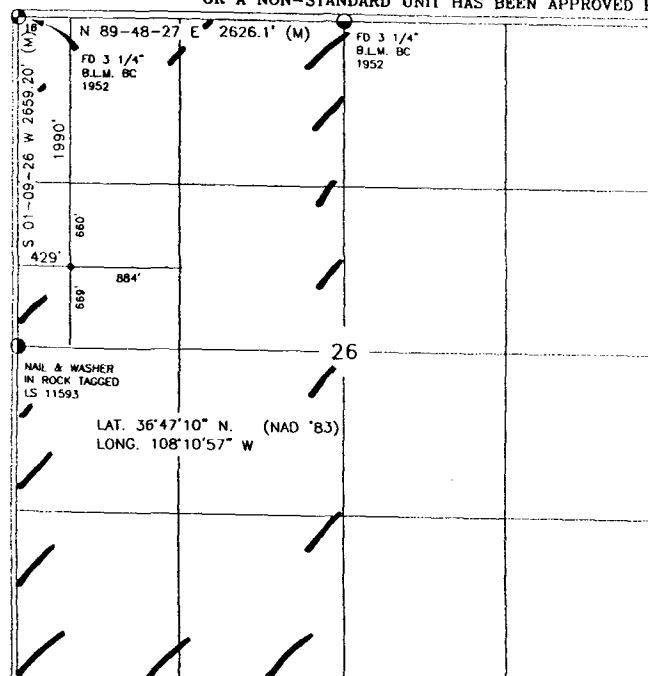
WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045-</b>		*Pool Code <b>71599</b>		*Pool Name <b>BASIN DAKOTA</b>	
*Property Code		*Property Name <b>LAS COLINAS</b>		*Well Number <b>200</b>	
*ACRIS No. <b>193195</b>		*Operator Name <b>MARKWEST RESOURCES, INC.</b>		*Elevation <b>5742'</b>	

10 Surface Location									
UL or lot no. <b>E</b>	Section <b>26</b>	Township <b>30-N</b>	Range <b>13-W</b>	Lot Idn	Feet from the <b>1990</b>	North/South line <b>NORTH</b>	Feet from the <b>429</b>	East/West line <b>WEST</b>	County <b>SAN JUAN</b>

11 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		*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



17 OPERATOR CERTIFICATION

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

Signature *B. Wood*

Printed Name **BRIAN WOOD**  
Title **CONSULTANT**

Date **DEC. 17, 2002**

18 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.

Signature and Seal of Professional Surveyor  
*David A. Johnson*  
Date **12-17-02**  
Certificate Number **14827**

Standard  
640 acre section

EXHIBIT

## Drilling Program

### 1. ESTIMATED FORMATION TOPS

Formation Name	GL Depth	KB Depth	Elevation
Ojo Alamo Ss	000'	12'	+5,742'
Kirtland Sh	305'	317'	+5,437'
Fruitland Coal	1,519'	1,531'	+4,223'
Pictured Cliffs Ss	1,747'	1,759'	+3,995'
Point Lookout Ss	4,142'	4,154'	+1,600'
Gallup Ss	5,472'	5,486'	+270'
Greenhorn	6,205'	6,217'	-463'
Dakota	6,309'	6,321'	-567'
Total Depth (TD)*	6,550'	6,562'	-808'

\* all elevations reflect the ungraded ground level of 5,742'

### 2. NOTABLE ZONES

Gas & Oil Zones	Water Zones	Coal Zone
Fruitland	Ojo Alamo	Fruitland
Pictured Cliffs	Kirtland	
Gallup	Fruitland	
Dakota	Point Lookout	
	Dakota	

Water zones will be protected with casing, cement, and weighted mud. Fresh water found while drilling will be recorded. Oil or gas shows will be tested for commercial potential based on the geologist's recommendations.

### 3. PRESSURE CONTROL

Maximum expected pressure is  $\approx$ 1,500 psi. The drilling contract has not yet been awarded, thus the exact BOP model to be used is not yet known. A typical 11" 3,000 psi model is on PAGE 3.

BOP equipment and all accessories will meet or exceed BLM requirements in 43 CFR Part 3160 for a 3,000 psi system. A 3,000 psi double ram hydraulic BOP will be used. Accumulator system capacity will be sufficient to close all BOPE with a 50% safety factor. Fill, kill, and choke manifold lines will be 2". Accessories will include upper and lower Kelly cocks with handles, stabbing valve to fit drill pipe on floor at all times, string float at bit, 3,000 psi choke manifold with 2" adjustable and 2" positive chokes, and pressure gauge. BOPs will be tested every 24 hours. Surface casing will be tested to 500 psi for 30 minutes. Tests will be recorded on I. A. D. C. log.

### 4. CASING & CEMENT

Hole Size	O. D.	Weight (lb/ft)	Grade	Age	Connection	GL Setting Depth
12-1/4"	8-5/8"	24	K-55	New	ST & C	400'
6-1/4"	4-1/2"	11.6	N-80	New	ST & C	6,550'

Surface casing will be cemented to the surface with  $\approx$ 330 cubic feet ( $\approx$ 280 sacks) Class B + 1/4 lb/sk cello-flake + 2% CaCl<sub>2</sub>. Yield = 1.18 cubic feet per sack. Weight = 15.2 pounds per gallon. Volume = 100% excess. W. O. C. = 12 hours. Surface casing will be tested to 500 psi for 30 minutes.

An 8-5/8" notched regular pattern guide shoe with 3 centralizers will be used on surface casing. Centralizers will be placed at 120' intervals, starting with the bottom joint. Will Baker Lock the collar to the pin or ring on the bottom joint. Will Baker Lock the shoe on the bottom. Will run a centralizer with a lock on the bottom joint and a centralizer on the second joint.

EXHIBIT A

MarkWest Resources, Inc.  
 Las Colinas #200  
 1990' FNL & 429' FWL  
 Sec. 26, T. 30 N., R. 13 W.  
 San Juan County, New Mexico

PAGE 4

Production casing will be cemented to the surface. If cement does not circulate to the surface, then a temperature survey will be run to determine the actual top and a top job run. A 4-1/2" cement nose guide shoe with a self fill insert float will be run. Will place the float one joint above the shoe. Five centralizers will be spaced every other joint, starting with the float collar. Centralizers will be placed at 120' intervals from 960' to the surface. Total centralizers = 10 regular.

Lead with 1,584 cubic feet (1,100 sacks) Class Super H 50/50 Poz cement with 2% gel + 0.2% Veraset (thixotropic additive) + 0.1% Diacel LWL (low fluid loss) + 1.5% Zone Sealant 2000 (foamer). Mix at 13 pounds per gallon for a yield of 1.44 cubic feet per sack. Mixed to 9 pounds per gallon with 464 SCF/barrel N<sub>2</sub>. 48 hour strength = 900 psi.

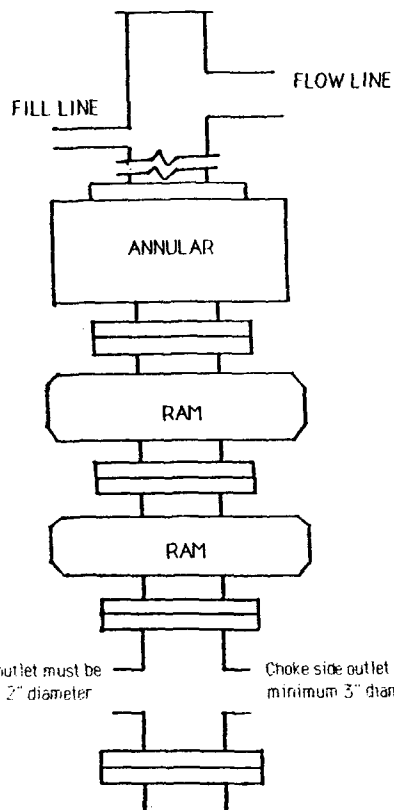
Tail with 238 cubic feet (165 sacks) 50/50 Class H Poz with 2% gel + 0.2% Veraset (thixotropic additive) + 0.1% Diacel LWL (low fluid loss). Mixed to 13 pounds per gallon with a yield of 1.44 cubic feet per sack. No N<sub>2</sub>.

Cap down annulus with 153 cubic feet (130 sacks) Class B with 2% CaCl<sub>2</sub> + 0.15% Veraset (thixotropic additive). No N<sub>2</sub> =. W. O. C. = 12 hours. Pressure test to 2,000 psi.

##### 5. MUD PROGRAM

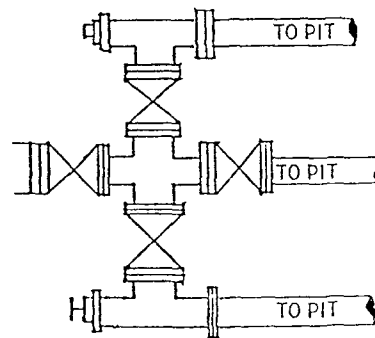
Range	Mud Type	Weight
0' - 400'	Fresh-Spud	8.4
400' - TD	LSND	8.6

A native fresh water based mud system will initially be used. It will be followed by a low solids, non-dispersed gel system to condition the hole for logs. Lost circulation, weighting, and absorption material will be on location.



TYPICAL BOP STACK  
& CHOKE MANIFOLD

There will be at least 2 chokes and 2 choke line valves (3" minimum). The choke line will be 3" in diameter. There will be a pressure gauge on the choke manifold.



Fill line will be minimum 2" diameter and have 2 valves, one of which shall be a minimum 2" check valve.

Upper kelly cock will have handle available.  
 Safety valve and subs will fit all drill string connections in use.  
 All ROPE connections subjected to well pressure will be flanged, welded, or clamped.

**PERMITS WEST, INC.**  
 PROVIDING PERMITS for the ENERGY INDUSTRY

**PERMITS WEST, INC.**  
 PROVIDING PERMITS for the ENERGY INDUSTRY

**EXHIBIT A**

MarkWest Resources, Inc.  
Las Colinas #200  
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San Juan County, New Mexico

PAGE 5

#### 6. CORING, TESTING, & LOGGING

No cores or drill stem tests are planned. Open hole logs will include GR, Neutron-Density, and Induction. The Neutron Density will be run from TD to 5,400'. The other logs will be run from TD to the base of the surface casing.

#### 7. DOWN HOLE CONDITIONS

No abnormal pressures, temperatures, nor hydrogen sulfide are expected. Maximum pressure will be  $\pm 300$  psi.

#### 8. OTHER INFORMATION

The anticipated spud date is March 1, 2003. It is expected it will take about ten days to drill and seven days to complete the well. Completion will start about one month after the spud and will include hydraulic fracturing. A temporary fence will enclose the well site during drilling and completion. A security guard will be posted after hours during drilling and completion.

MarkWest Resources, Inc.  
Las Colinas #200  
1990' FNL & 429' FWL  
Sec. 26, T. 30 N., R. 13 W.  
San Juan County, New Mexico

PAGE 6

#### Surface Use Plan

##### 1. DIRECTIONS & EXISTING ROADS (See Pages 12, 13, & 17)

From the junction of NM 170 and Piñon Hills Boulevard ...  
Go East 2.4 miles on Piñon Hills Boulevard  
Then turn left and go Northeast 1.7 miles on County Road 1980 (Glade Road)  
Then turn right and go Southeast 0.3 mile to the existing Tiger 12 well  
Then turn left and go East cross country 1,976.79' to the proposed well site

Roads will be maintained to a standard at least equal to their present condition.

##### 2. ROAD TO BE BUILT OR UPGRADED (See Pages 13 & 17)

No upgrading is needed. The last 1,976.79' of road will be built with a 14' wide running surface and crowned and ditched where possible. Maximum grade is 10%. Maximum disturbed width will be 33'. Minimum 18" x 20' CMP culverts will be installed where needed. No fence is crossed, but a locked steel gate and fence will be installed at a natural barrier to restrict access. No turn out is needed.

##### 3. EXISTING WELLS

There are twenty-four oil or gas wells (see PAGE 13) within a mile radius according to NM Oil Conservation Division records in Santa Fe. There are 16 water wells within a mile according NM Office of the State Engineer records. There are no injection wells within a mile.

**PERMITS WEST** INC.  
PROVIDING PERMITS TO LAND OWNERS

**PERMITS WEST** INC.  
PROVIDING PERMITS TO LAND OWNERS

EXHIBIT  
A



4. PROPOSED PRODUCTION FACILITIES (see PAGE 16)

A 60 barrel fiberglass open top tank, two 300 barrel steel tanks, 105 hp compressor, 3' x 10' skid mounted meter run, and two 5' x 7' x 6' high separators will be installed on the pad. The compressor will be housed in a 19' x 36' x 12' building to meet City noise abatement rules. Some of the equipment will be shared with the #100 well. All surface equipment will be painted a flat juniper green color.

MarkWest's pipelines (all on the pad) will be 4" steel (wall thickness = 0.216") and buried at least 36" deep. Maximum operating pressure = 300 psi. Test pressure = 1,600 psi. Test media = fresh water (dispose in the reserve pit). Williams Field Services will acquire the right-of-way for its buried steel 4" gas line. (Williams' closest line is a quarter mile south.) A locked gate and ≥6' high 10 gauge chain link fence with privacy strips will surround the well site after it is completed.

5. WATER SUPPLY

Water will be trucked from an existing private source.

6. CONSTRUCTION MATERIALS & METHODS

NM One Call (1-800-321-ALERT) and BLM will be notified before construction starts. As many trees as possible will be left on the perimeter to screen the well site. The south corners of the pad will be rounded to reduce the height of the cut or avoid trees. The top 6" of soil will be stockpiled west of the pad. Trees ≥6" DBH will be set on the south side for firewood. Trees ≤6" DBH will be "walked down" for erosion control on bare soil. A diversion ditch will be cut at the top of the slope on the south side of the pad. Ditch will drain west.

A ≥12 mil plastic liner will be installed in the reserve pit. The pit will be fenced sheep tight on 3 sides with woven wire fence topped with barbed wire. The fourth side will be fenced once the rig moves off.

7. WASTE DISPOSAL

All trash will be placed in a portable trash cage. It will be hauled to the county landfill. There will be no trash burning. Once dry, contents of the reserve pit will be buried in place. Human waste will be disposed of in chemical toilets and hauled to an approved dump station.

8. ANCILLARY FACILITIES

There will be no air strips or camps. Camper trailers will be on location for the guard, company man, tool pusher, or mud logger.

9. WELL SITE LAYOUT

See Pages 14 and 15 for depictions of the well pad, cross section, cut and fill diagram, reserve pit, trash cage, access onto the location, parking, living facilities, and rig orientation.

10. RECLAMATION

Reclamation starts once the reserve pit is dry. It usually takes a year for a reserve pit to fully evaporate, at which point it will be back filled. The pad and filled pit will be contoured to a natural appearance and disturbed areas ripped or harrowed. BLM "down south" (aka, dry or low mix or mix #2) seed mix (below) will be drilled at a depth and time to be determined by BLM.

EXHIBIT A

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San Juan County, New Mexico

PAGE 9

4 pounds per acre western wheatgrass  
2-1/2 pounds per acre Indian ricegrass  
1-1/2 pound per acre blue grama grass  
0.1 pound pr acre antelope bitter brush  
1/4 pound per acre four wing salt bush  
1 pound per acre small burnet

If broadcast, the rate will be increased as determined by BLM. A harrow or cable will be dragged over the area to assure seed cover. If the well is a producer, then the reserve pit and any other areas not needed for work overs will be reclaimed as previously described.

#### 11. SURFACE OWNERS

The west most 1,605.9' (i. e., Section 27) portion of the new road is on land owned by the City of Albuquerque. The City of Albuquerque Open Space Advisory Board recommended approval on December 10, 2002. The City is issuing a Right of Entry. Contact is Linda Adamsko, Real Estate Coordinator. Her phone number is (505) 768-3318. Her address is: Legal Department, Real Property Division, P. O. Box 1293, Albuquerque, NM 87103.

The next 338.55' of the new road is on land owned by Joe Hewitt. His phone number is (505) 325-5583. His address is 3414 North Monterey Circle, Farmington, NM 87401.

The east most 32.34' of road is on BLM.

The well bore and most well site construction will occur on private land which MarkWest is in the process of purchasing. The remainder of the well site is on BLM.

MarkWest Resources, Inc.  
Las Colinas #200  
1990' FNL & 429' FWL  
Sec. 26, T. 30 N., R. 13 W.  
San Juan County, New Mexico

PAGE 10

#### 12. OTHER INFORMATION

The nearest hospital is a 15 minute drive away in southwest Farmington.

Archaeology report CASA 02-153 will be filed December 20, 2002.

#### 13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87508  
(505) 466-8120      FAX: (505) 466-9682      Cellular: (505) 699-2276

Field representatives during drilling will be:

Mike Pippin	or	Mike Confer
3104 N. Sullivan		(505) 330-2202
Farmington, NM 87401		
(505) 327-4573		
Cellular: (505) 330-0495		

Field representatives during production will be:

Rex Lancaster	or	Tap Harris
519 E. Animas St.		(505) 320-3916
Farmington, NM 87401		
(505) 325-1922		
Cellular: (505) 320-3075		

MarkWest Resources, Inc. has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage pursuant to 43 CFR 3104 for lease activities and operations is

EXHIBIT A

**PERMITS WEST** INC.  
PROVIDING PERMITS TO LAND OWNERS

**PERMITS WEST** INC.  
PROVIDING PERMITS TO LAND OWNERS

MarkWest Resources, Inc.  
Las Colinas #200  
1990' FNL & 429' FWL  
Sec. 26, T. 30 N., R. 13 W.  
San Juan County, New Mexico

PAGE 11

coverage pursuant to 43 CFR 3104 for lease activities and operations is being provided by MarkWest Resources, Inc.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by MarkWest Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U. S. C. 1001 for the filing of a false statement.

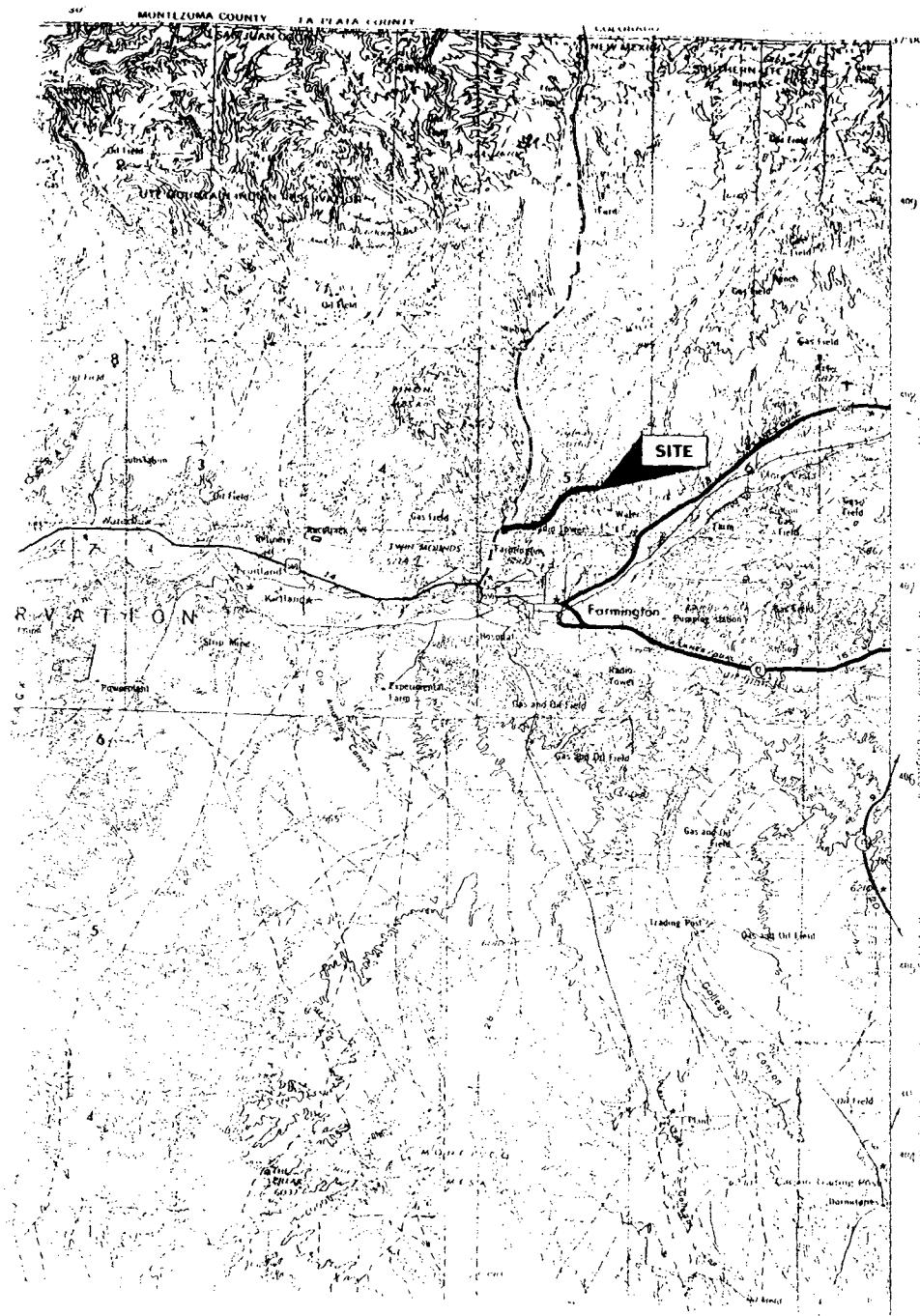
*B. Wood*

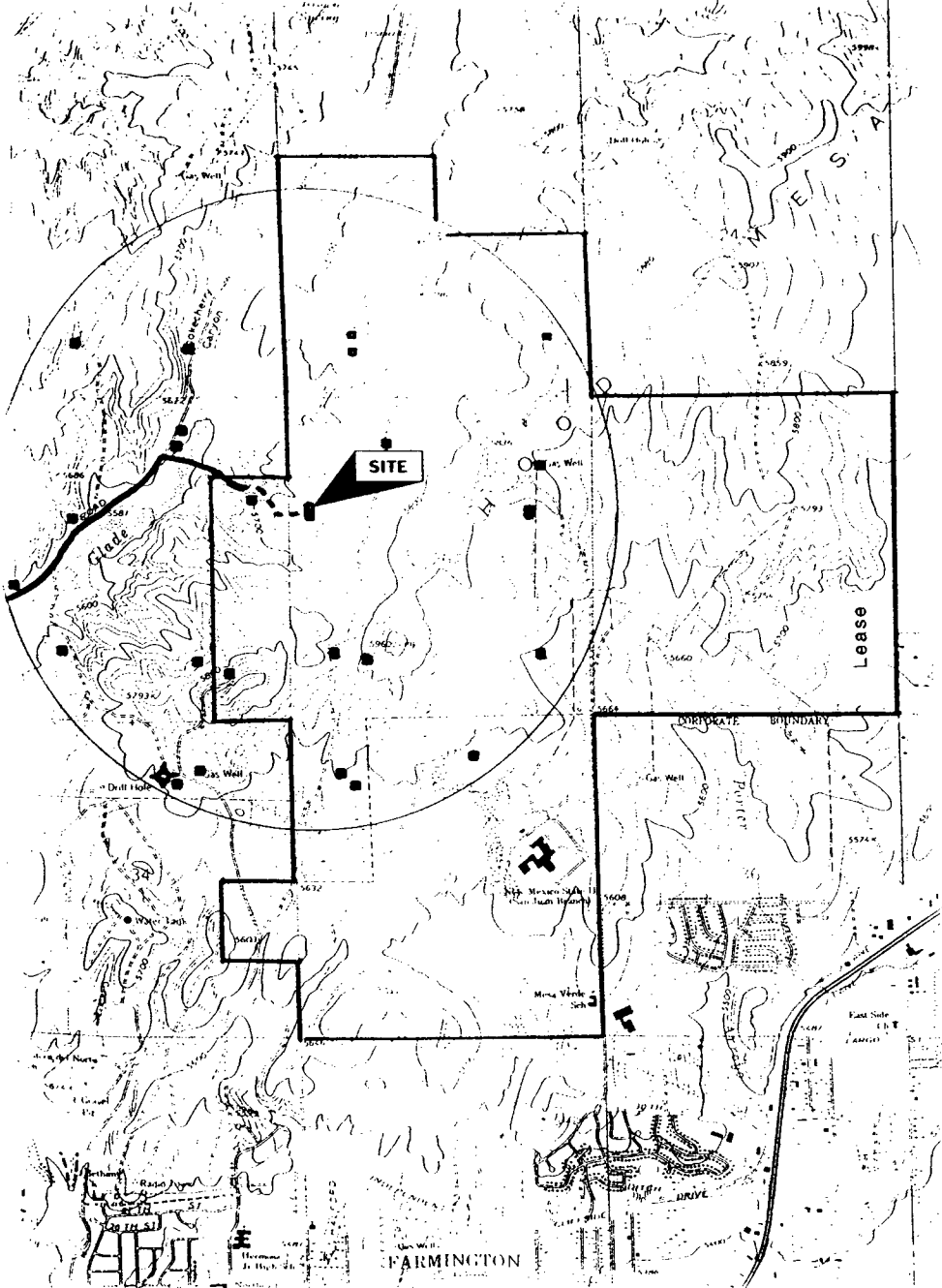
Brian Wood, Consultant

December 17, 2002  
Date

**PERMITS WEST** INC.  
PROVIDING PERMITS TO LAND USERS

**EXHIBIT A**





MarkWest Resources, Inc.  
 Las Colinas #200  
 1990' FNL & 429' FWL  
 Sec. 26, T. 30 N., R. 13 W.  
 San Juan County, New Mexico

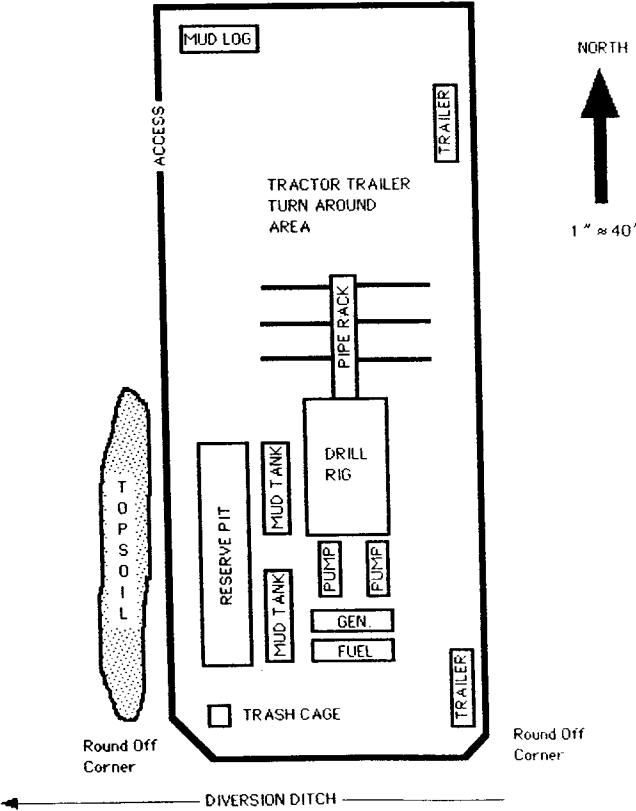
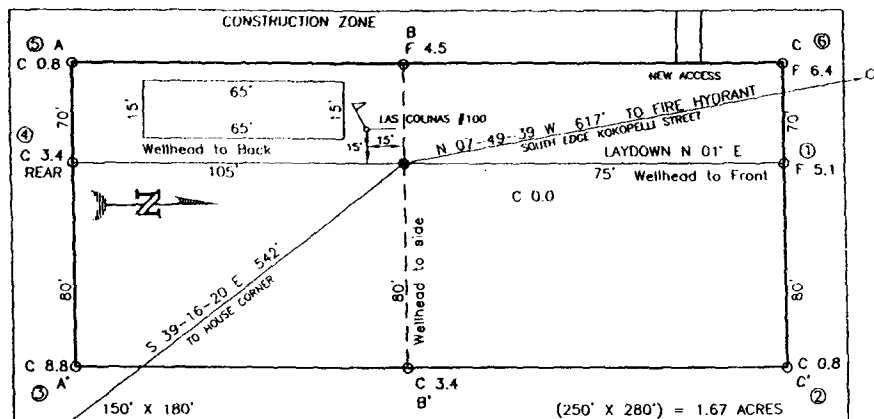
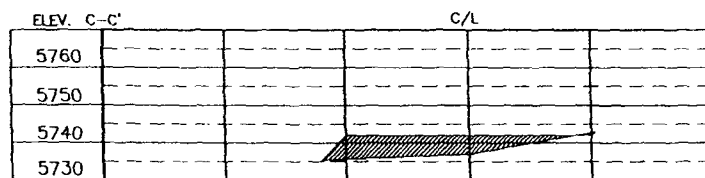
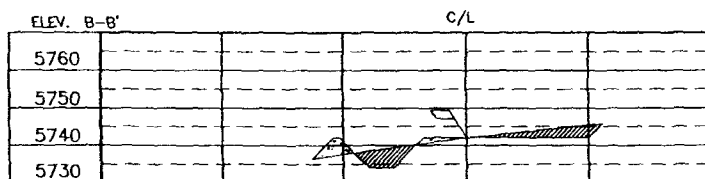
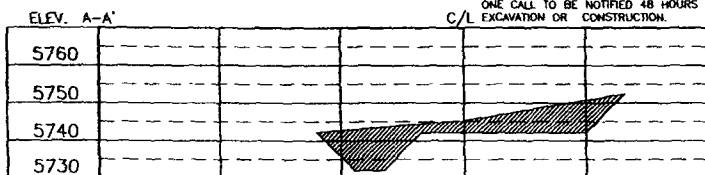


EXHIBIT A

MARKWEST RESOURCES, INC.  
 LAS COLINAS No. 200, 1990 FNL 429 FWL  
 SECTION 26, T30N, R13W, N.M.P.M., SAN JUAN COUNTY, N. M.  
 GROUND ELEVATION: 5742', DATE: NOVEMBER 13, 2002



NOTE:  
 DAGGETT ENTERPRISES, INC. IS NOT LIABLE FOR  
 UNDERGROUND UTILITIES OR PIPELINES. NEW MEXICO  
 ONE CALL TO BE NOTIFIED 48 HOURS PRIOR TO  
 EXCAVATION OR CONSTRUCTION.



NOTE: CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES  
 ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

DRAWN BY: B.L. ROW#: MW054 CADFILE: MW054CFB DATE: 11/22/02

Daggett Enterprises, Inc.  
 Surveying and Oil Field Services  
 P. O. Box 15088 Farmington, NM 87401  
 Phone (505) 326-1772 Fax (505) 316-8019

MarkWest Resources, Inc.  
 Las Colinas #200  
 1990' FNL & 429' FWL  
 Sec. 26, T. 30 N., R. 13 W.  
 San Juan County, New Mexico

PAGE 16

LAS COLINAS #100 PC  
 LAS COLINAS #200 DK  
 NW SEC. 26 T30N R13W  
 MARK WEST RESOURCES

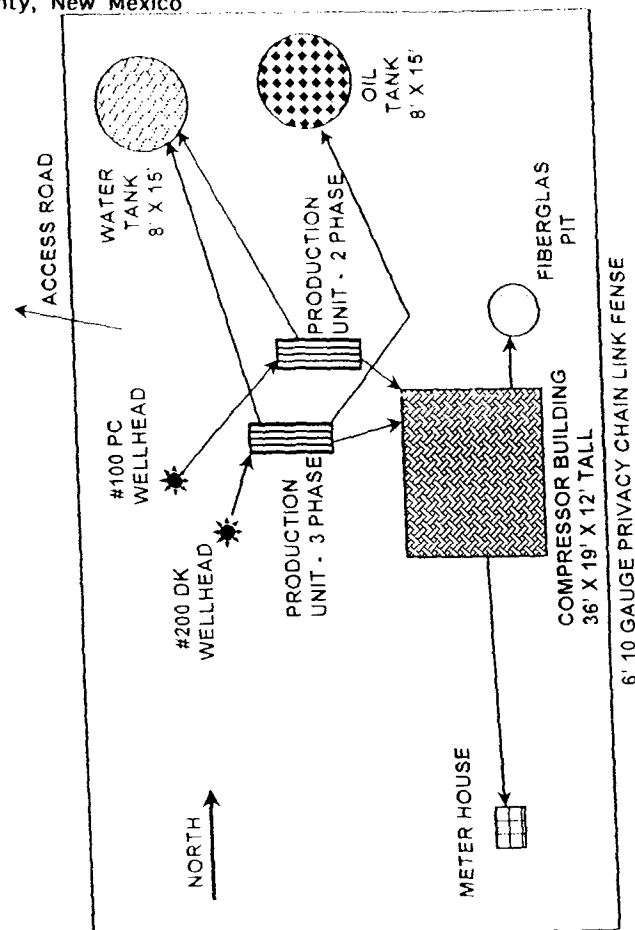


EXHIBIT A

DISTRICT I  
1626 N. French Dr., Hobbs, N.M. 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

DISTRICT II  
811 South First, Artesia, N.M. 88210

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

### OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30-045-</b>		*Pool Code <b>71599</b>	*Pool Name <b>BASIN DAKOTA</b>
*Property Code .	*Property Name LAS COLINAS		*Well Number 200
*GRID No. <b>193195</b>	*Operator Name MARKWEST RESOURCES, INC.		*Elevation 5742'

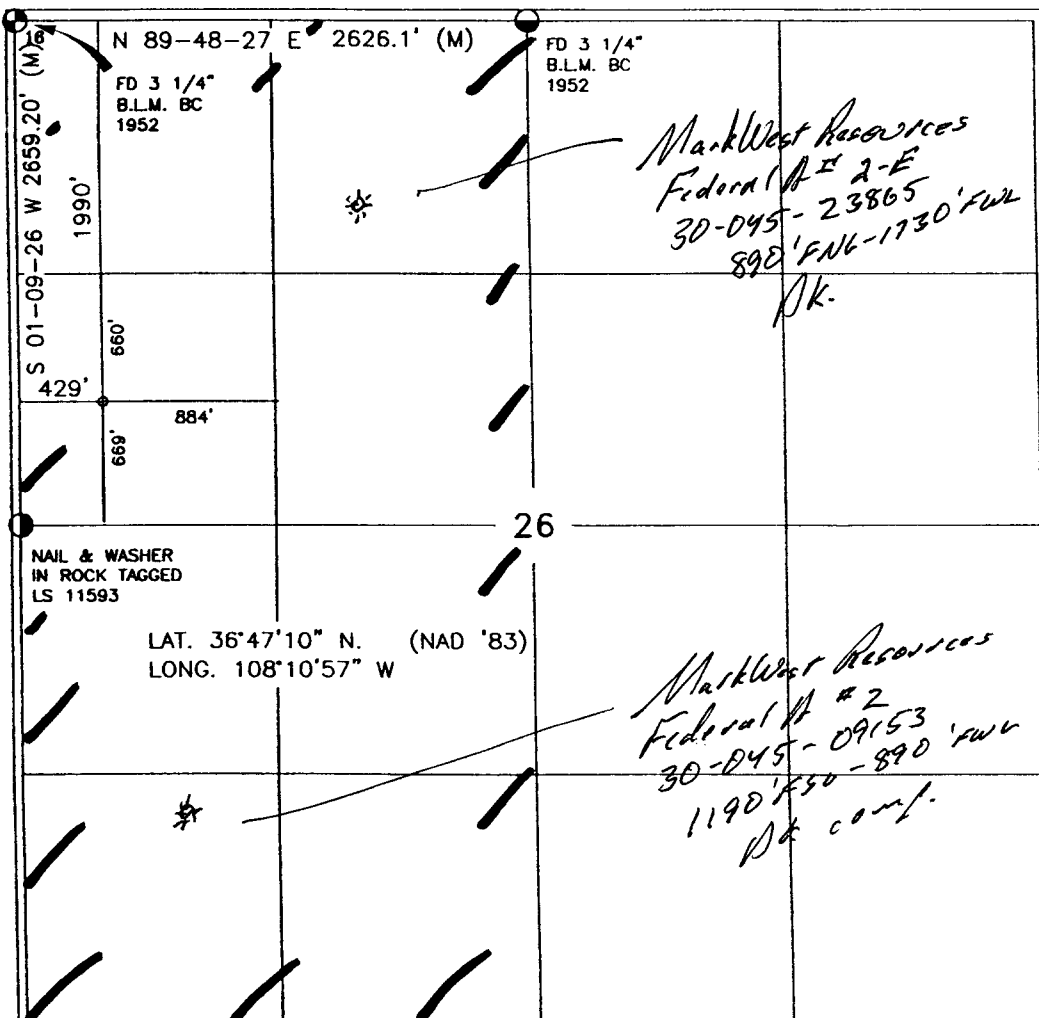
#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	26	30-N	13-W		1990	NORTH	429	WEST	SAN JUAN

#### <sup>11</sup> 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		*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



#### 17 OPERATOR CERTIFICATION

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

Signature

Printed Name

**BRIAN WOOD**

Title

**CONSULTANT**

Date

**DEC. 17, 2002**

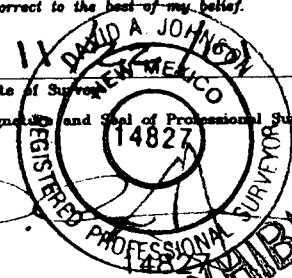
#### 18 SURVEYOR CERTIFICATION

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.

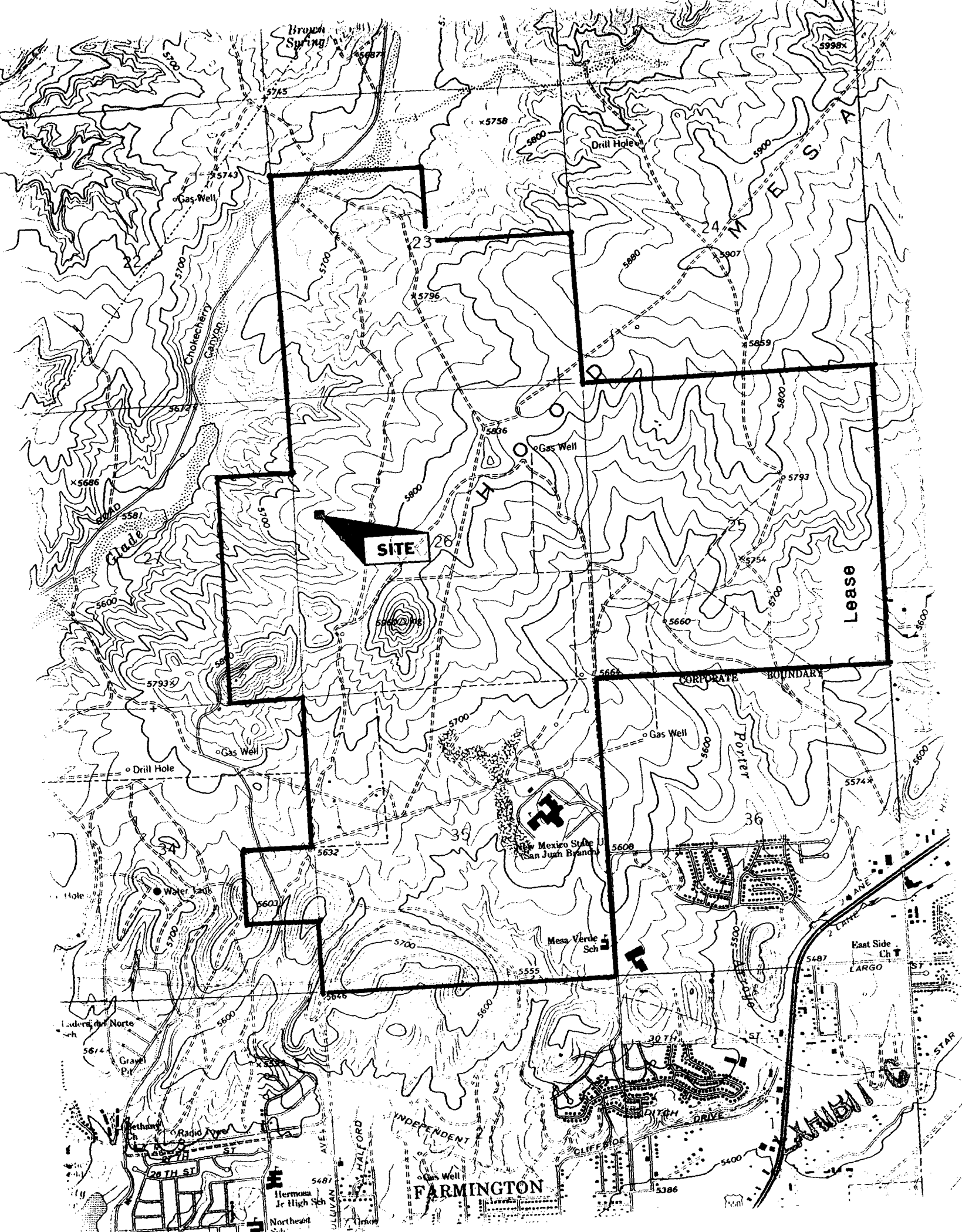
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

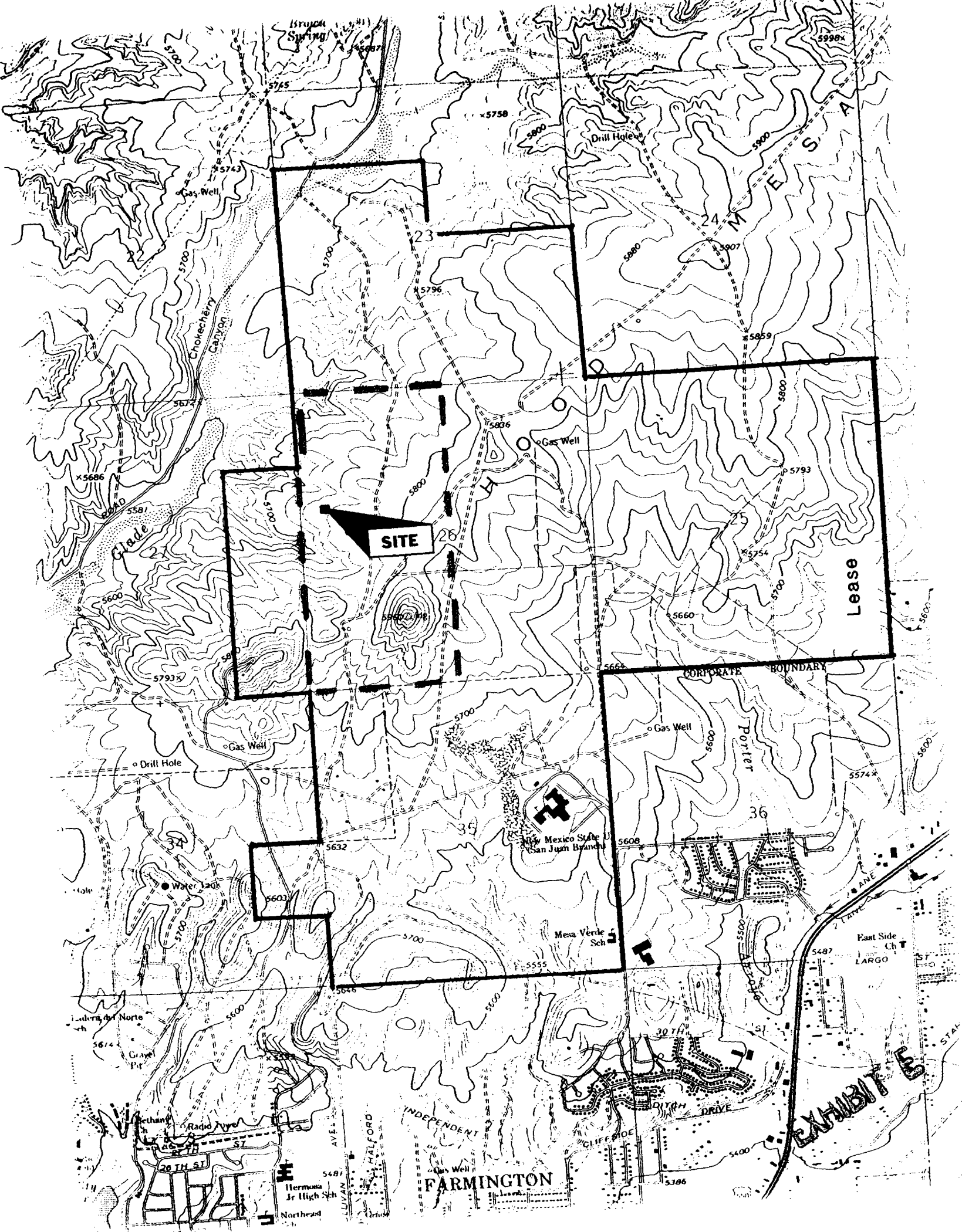


**EXHIBIT B**









**PERMITS WEST**.INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Robert L. Bayless, Producer LLC  
P. O. Box 168  
Farmington, NM 87499

Dear Tucker,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

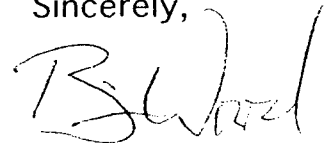
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Well Name: Las Colinas #200                      Total Depth: 6,500'  
Proposed NSL Producing Zone: Basin Dakota gas  
NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)  
Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Benson-Montin-Greer Drilling Corp.  
4900 College Blvd.  
Farmington, NM 87401

Dear Al,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

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Proposed NSL Producing Zone: Basin Dakota gas

NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)

Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213

Approximate Location: north side of Farmington, NM

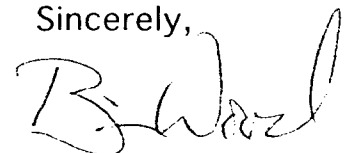
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700

Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT E

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Roger Herrera  
BLM  
1235 LaPlata Highway  
Farmington, NM 87401

Dear Roger,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

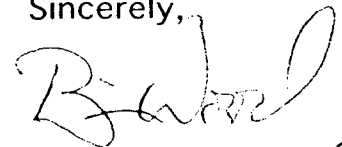
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Proposed NSL Producing Zone: Basin Dakota gas  
NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)  
Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

**EXHIBIT F**

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Van Goebel  
Burlington Resources Oil and Gas Company  
P. O. Box 4289  
Farmington, NM 87499

Dear Van,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

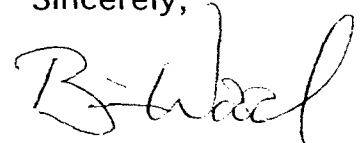
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San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Jerry Sullivan  
Calpine Natural Gas LP  
1200 17th St., Suite 770  
Denver, Co. 80202

Dear Jerry,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

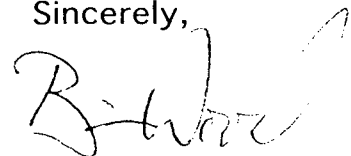
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Proposed NSL Producing Zone: Basin Dakota gas  
NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)  
Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

ConocoPhillips  
600 N. Dairy Ashford  
Houston, Tx. 77079

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

Well Name: Las Colinas #200 Total Depth: 6,500'

Proposed NSL Producing Zone: Basin Dakota gas

NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)

Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213

Approximate Location: north side of Farmington, NM

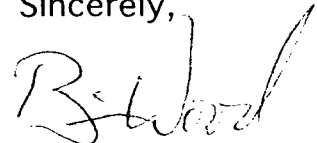
Applicant Name: MarkWest Resources, Inc. (303) 290-8700

Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Steve Dunn  
610 Reilly Ave.  
Farmington, NM 87401

Dear Steve,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

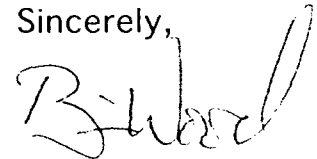
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San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

**EXHIBIT F**



**PERMITS WEST, INC.**  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Energen Resources Corp.  
2198 Bloomfield Highway.  
Farmington, NM 87401-8108

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

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NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)

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San Juan County, NM on Federal lease NMSF-078213

Approximate Location: north side of Farmington, NM

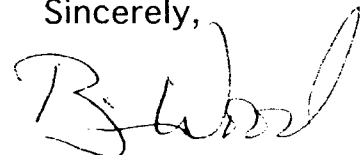
Applicant Name: MarkWest Resources, Inc. (303) 290-8700

Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

J & R Merrion Trust  
610 Reilly Ave.  
Farmington, NM 87401

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

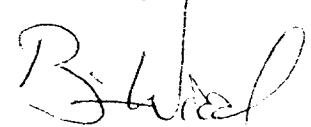
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Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

**EXHIBIT F**

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Greg T. Merrion  
610 Reilly Ave.  
Farmington, NM 87401

Dear Mr. Merrion:

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

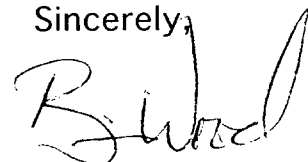
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San Juan County, NM on Federal lease NMSF-078213  
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Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Michael K. Merrion  
610 Reilly Ave.  
Farmington, NM 87401

Dear Mr. Merrion:

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

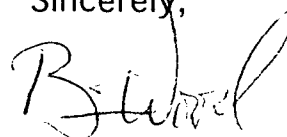
MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

Well Name: Las Colinas #200                      Total Depth: 6,500'  
Proposed NSL Producing Zone: Basin Dakota gas  
NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)  
Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

**EXHIBIT F**

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Merrion Oil & Gas Corp.  
610 Reilly Ave.  
Farmington, NM 87401

Dear Connie,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

Well Name: Las Colinas #200 Total Depth: 6,500'

Proposed NSL Producing Zone: Basin Dakota gas

NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)

Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213

Approximate Location: north side of Farmington, NM

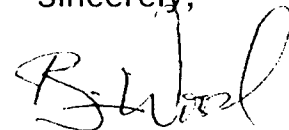
Applicant Name: MarkWest Resources, Inc. (303) 290-8700

Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Providence Minerals LLC  
14860 Montfort Dr., #209  
Dallas, Tx. 75254

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

Well Name: Las Colinas #200 Total Depth: 6,500'

Proposed NSL Producing Zone: Basin Dakota gas

NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)

Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213

Approximate Location: north side of Farmington, NM

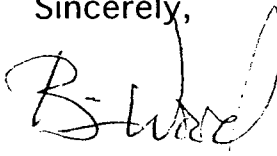
Applicant Name: MarkWest Resources, Inc. (303) 290-8700

Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F

**PERMITS WEST**, INC.  
PROVIDING PERMITS for LAND USERS  
37 Verano Loop, Santa Fe, New Mexico 87508 (505) 466-8120

January 27, 2003

Jane Seiler  
Questar Expl. & Production Company  
1331 17th St., Suite 800  
Denver, Co. 80202

Dear Jane,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following non-standard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

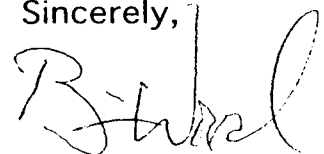
MarkWest Resources, Inc. is applying to drill its Las Colinas #200 well. The minimum state distance for a Dakota gas well is 660' from a quarter section line. The proposed well is 429' and 650' from the closest quarter section lines. Thus, it is NSL. The NSL is due to using topography (see attached map) to try and shield the well from neighbors.

Well Name: Las Colinas #200                      Total Depth: 6,500'  
Proposed NSL Producing Zone: Basin Dakota gas  
NSL Acreage Dedication: 320.00 ac. (W2 Sec. 26)  
Location: 1990' FSL & 429' FWL Sec. 26, T. 30 N., R. 13 W.,  
San Juan County, NM on Federal lease NMSF-078213  
Approximate Location: north side of Farmington, NM  
Applicant Name: MarkWest Resources, Inc.      (303) 290-8700  
Applicant's Address: 155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

Submittal Information: An application for a non-standard location is being filed with the NM Oil Conservation Division. If they determine the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, NM 87505. Their phone number is (505) 476-3440.

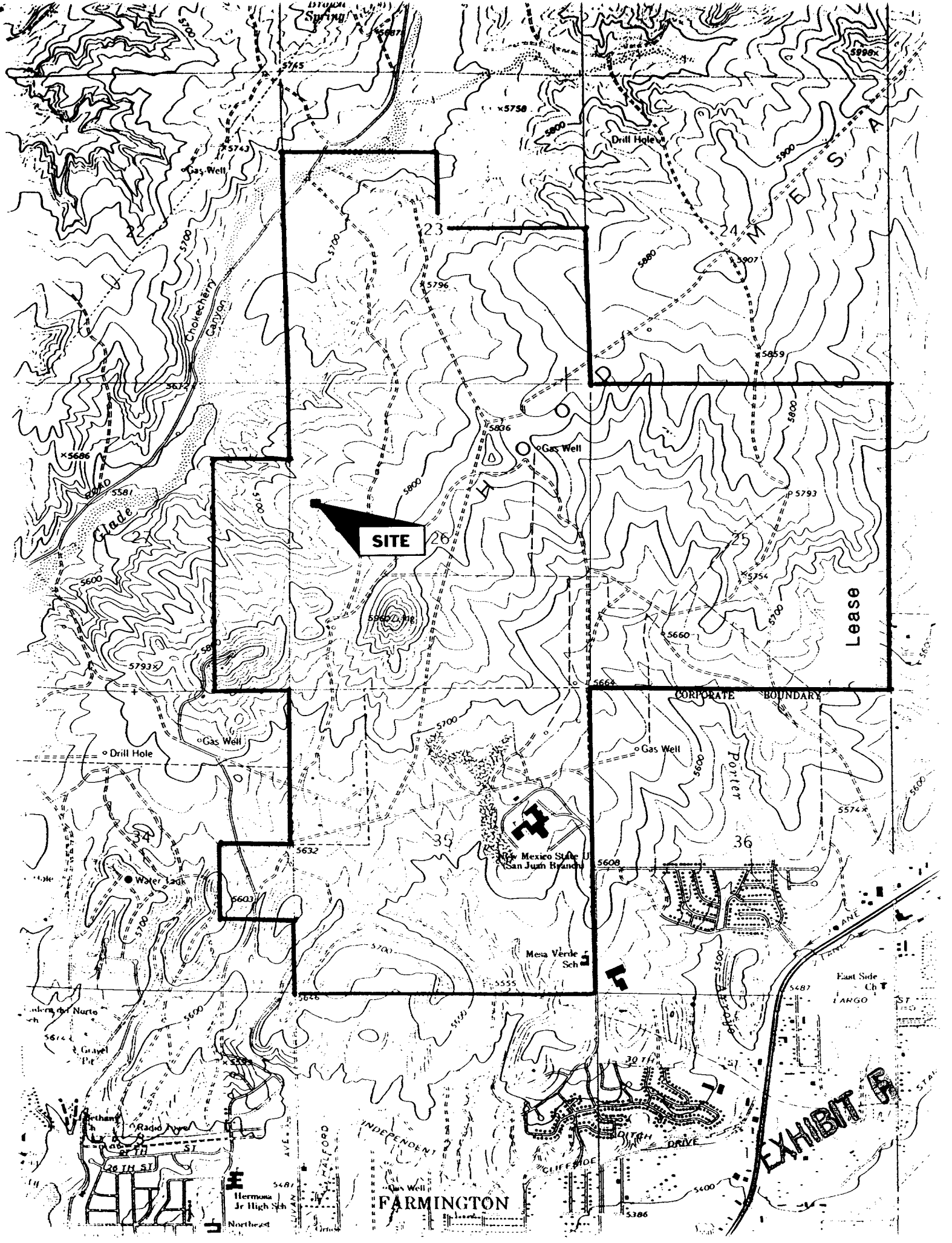
Please call me if you have any questions.

Sincerely,



Brian Wood

EXHIBIT F





# CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$ 60
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.65</b>

Sent To **BLM**  
 Street, Apt. No., or PO Box No. **1235 La Bata Hwy**  
 City, State, ZIP+4 **Farm. NM 87401**

# U.S. Postal Service CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.88</b>

Sent To **Burlington**  
 Street, Apt. No., or PO Box No. **PO Box 4289**  
 City, State, ZIP+4 **Farm. NM 87499**

# U.S. Postal Service CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 1.77</b>

Sent To **Calpine**  
 Street, Apt. No., or PO Box No. **1200 17th St. #770**  
 City, State, ZIP+4 **Denver CO 80202**

# CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$ .83
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.88</b>

Sent To **Bayliss**  
 Street, Apt. No., or PO Box No. **PO Box 168**  
 City, State, ZIP+4 **Farm NM 87499**

# U.S. Postal Service CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.88</b>

Sent To **BMG**  
 Street, Apt. No., or PO Box No. **4900 Carey Blvd**  
 City, State, ZIP+4 **Farm. NM 87401**

EXHIBIT F

7000 1670 0012 5356 7561

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$ 2.42
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 6.49</b>

Sent To: Dawn Morrison  
 Street, Apt. No., or PO Box No.: 610 Reilly Ave.  
 City, State, ZIP+4: Farm. NM 87401

PS Form 3800, May 2000 See Reverse for Instructions

Postmark Here: **SANTA FE NM 87508 USPS**  
**JAN 27 2003**  
**QUICK SEND CPU**

7000 1670 0012 5356 7578

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.00</b>

Sent To: Canace Phillips  
 Street, Apt. No., or PO Box No.: 600 N. Daisy Ashgrove  
 City, State, ZIP+4: Houston TX 77079

PS Form 3800, May 2000 See Reverse for Instructions

Postmark Here: **SANTA FE NM 87508 USPS**  
**JAN 27 2003**  
**QUICK SEND CPU**

7000 1670 0012 5356 7530

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.00</b>

Sent To: Providence Minerals  
 Street, Apt. No., or PO Box No.: H860 Montfort #209  
 City, State, ZIP+4: Dallas TX 75254

PS Form 3800, May 2000 See Reverse for Instructions

Postmark Here: **SANTA FE NM 87508 USPS**  
**JAN 27 2003**  
**QUICK SEND CPU**

7000 1670 0012 5356 7547

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.00</b>

Sent To: Energizer  
 Street, Apt. No., or PO Box No.: 2198 Bloomfield  
 City, State, ZIP+4: Farm. NM 87401

PS Form 3800, May 2000 See Reverse for Instructions

Postmark Here: **SANTA FE NM 87508 USPS**  
**JAN 27 2003**  
**QUICK SEND CPU**

7000 1670 0012 5356 7554

**U.S. Postal Service**  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 4.00</b>

Sent To: Questar  
 Street, Apt. No., or PO Box No.: 1331 17th St., # 800  
 City, State, ZIP+4: Denver CO 80202

PS Form 3800, May 2000 See Reverse for Instructions

Postmark Here: **SANTA FE NM 87508 USPS**  
**JAN 27 2003**  
**QUICK SEND CPU**

**EXHIBIT F**