

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF 078094
2. Name of Operator MARKWEST RESOURCES, INC		6. If Indian, Allottee or Tribe Name
Contact: CINDY BUSH E-Mail: cbush@markwest.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 155 INVERNESS DRIVE WEST, SUITE 200 ENGLEWOOD, CO 80112	3b. Phone No. (include area code) Ph: 303.925.9283 Fx: 303.290.9309	8. Well Name and No. FULLERTON FED 27-11 36 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T27N R11W NWNW 870FNL 665FWL		9. API Well No. 30-045-30965
		10. Field and Pool, or Exploratory KUTZ PC WEST
		11. County or Parish, and State SAN JUAN COUNTY, NM

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

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

MarkWest Resources respectfully requests permission to open the Basin Fruitland Coal and commingle it with the existing Kutz Pictured Cliffs West producing formation per the procedure provided on Sundry electronic subbission #16373 This procedure will prevent loss of a valuable natural resource, which otherwise would be wasted.

MarkWest anticipates 200 mcfpd production from the new Fruitland Coal pay add. The production from the existing Picture Cliffs formation is also marginal.

The above pool combination, i.e. Basin Fruitland Coal (71629) and Kutz-Pictured Cliffs West (79680) is listed as a pre-approved in EMNRD-OCD Exhibit A , Case No. 12346, Order No. R-11363.

Anticipated start date: January 20, 2003

DHC App. not received by NM OCD (C-123) 1-17-03

14. I hereby certify that the foregoing is true and correct. Electronic Submission #17410 verified by the BLM Well Information System For MARKWEST RESOURCES, INC, sent to the Farmington	
Name (Printed/Typed) CINDY BUSH	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 01/07/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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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. NMSF078089
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. SCOTT FEDERAL 27-11 36-1
2. Name of Operator MARKWEST RESOURCES INC		9. API Well No. 30-045-30965-00-S1
3a. Address 155 INVERNESS DRIVE WEST ENGLEWOOD, CO 80111		10. Field and Pool, or Exploratory WEST KUTZ
3b. Phone No. (include area code) Ph: 303.925.9283 Fx: 303.290.9309		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T27N R11W NWNW 870FNL 665FWL		11. County or Parish, and State SAN JUAN COUNTY, NM

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
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FRTC RECOMPLETION & COMMINGLE W/PC
Comply to all NMOCD, BLM and MarkWest Resources rules and regulations. MOL & RU , set pump, pit, 2 frac tanks & equipment. All water to be 2% KCL water. If necessary, kill well with water. ND WH, NU BOP. TOH w/2-3/8" tbg. TIH w/3-7/8" bit & 4-1/2" csg scraper on 2-3/8" tbg to 2060'. TOH. Using wireline, set 4-1/2" CIBP @2048'. TIH w/2-3/8" tbg & tag BP @2048'. Spot 100 gals 15% HCL across lower FRTC pers (2030'-41') Use acid additives from step #8. TOH. Install WSI wellhead isol. tool & press. test cst to 3800 psi. Fill 2-400 bbls frac tanks with 2% KCL water. If necessary, filter all water to 25 microns. One tank is for gel and one tank for breakdown water. Usable gel water required for frac is 318 bbls. Perf Basal FRTC @2030-41'. Perf w/4-0.45" spf w/15 gr jets in 3-1/8" HSC guns which give a penetration of 11.19" in concrete. Total 44-0.45" holes. Breakdown through isolation tool (and attempt to balloff to 3800 psi) FRTC perfs down 4-1/2" csg w/1000 gal. 15% HCL acid and 100-7/8" 1.3 sp gr RCN perf balls. Max. pressure is 3800 psi. Run

14. I hereby certify that the foregoing is true and correct. Electronic Submission #16373 verified by the BLM Well Information System For MARKWEST RESOURCES INC, sent to the Farmington Committed to AFMSS for processing by Matthew Halbert on 12/12/2002 (03MXH0270SE)	
Name (Printed/Typed) CINDY BUSH	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 11/22/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JIM LOVATO	Title PETROLEUM ENGINEER	Date 12/17/2002
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 Farmington

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe. NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-30965		² Pool Code		³ Pool Name BASIN FRUITLAND COAL	
⁴ Property Code 002159		⁵ Property Name SCOTT FEDERAL 27-11			⁶ Well Number 36-1
⁷ OGRID No. 193195		⁸ Operator Name MARK WEST RESOURCES, INC.			⁹ Elevation 6494'

¹⁰ Surface Location

UL or lot no. D	Section 36	Township 27N	Range 11W	Lot Idn	Feet from the 870'	North/South line north	Feet from the 665'	East/West line WEST	County SAN JUAN
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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
¹² Dedicated Acres 320 Standup		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

<div>870'</div> <div>665'</div>		LAT. 36° 32' 12"N LONG. 107° 57' 43"W		<div></div>		<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><div></div><p>Signature</p><p>CINDY BUSH Printed Name</p><p>PROD. REG. & ENVIRON. COORDINATOR Title</p><p>DECEMBER 13, 2002 Date</p></div>	
						<div><p>¹⁸ SURVEYOR CERTIFICATION</p><p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p><p>Date of Survey</p><p>Signature and Seal of Professional Surveyor:</p></div>	
						<p>Certificate Number</p>	

DISTRICT I
1635 N. French Dr., Hobbs, N.M. 88240

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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		*Pool Code 79680	*Pool Name KUTZ PICTURED CLIFFS WEST
*Property Code	*Property Name SCOTT FEDERAL 27-11		*Well Number 36-1
*GRID No. 193195	*Operator Name MARKWEST RESOURCES, INC.		*Elevation 6494'

¹⁰ Surface Location

UL or lot no. D	Section 36	Township 27-N	Range 11-W	Lot Idn	Feet from the 870'	North/South line NORTH	Feet from the 665'	East/West line WEST	County SAN JUAN
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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			*Joint or Infill		*Consolidation Code		*Order No.		

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 FD 3 1/4" BC G.L.O. 1913 870' 665' 658' 450' LAT. 36°32'12"N LONG. 107°57'43"W 36 S 00-03-14 E 5280.10' FD 3 1/4" BC G.L.O. 1913 2002 JUN -2 PM 1:06 OIL CONSERVATION DIV RECEIVED	N 89-54-10 E 5290.80'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature BRIAN WOOD Printed Name BRIAN WOOD Title CONSULTANT Date DEC. 31, 2001	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 7-1-03 Signature and Seal of Professional Surveyor 8894 Certificate Number
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