

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MarkWest Resources, Inc.

(303) 290-8700

3. ADDRESS AND TELEPHONE NO.

155 Inverness Dr. W, Suite 200, Englewood, Co. 80112

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

At surface

1105' FNL & 1115' FEL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 air miles SSE of Bloomfield

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1,569'

16. NO. OF ACRES IN LEASE

2,560

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

679'

19. PROPOSED DEPTH

6,510'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,142' ungraded

22. APPROX. DATE WORK WILL START*

Nov. 1, 2001

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	K-55 8-5/8"	24	320 160'	≈ 118 cu. ft. & to surface-
7-7/8"	N-80 4-1/2"	11.6	6,510'	≈ 2,046 cu. ft. & to surface-

On sited with Bill Liese.

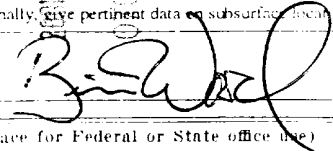
Archaeology consultant: CASA

This action is subject to technical and
procedural review pursuant to 43 CFR §106.3
and appeal pursuant to 43 CFR §106.4.

ALL INFORMATION CONTAINED HEREIN IS
SUBJECT TO REVISIONS AND ATTACHED
TECHNICAL RECORDS.

cc: BLM, OCD (via BLM), Pippin, Stowe

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.

21.  Consultant (505) 466-8120 9-21-01

SIGNED

TITLE

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

1/22/02

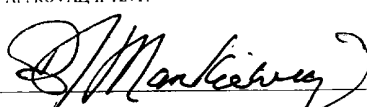
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

DATE



AFM

1/23/02

*See Instructions On Reverse Side

NMOCD

X

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., 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

1 API Number 30-045-30855		2 Pool Code 71599	3 Pool Name BASIN DAKOTA
4 Property Code 29239	5 Property Name FULLERTON FEDERAL 27-11-14		6 Well Number 21
7 OGRID No. 193195	8 Operator Name MARKWEST RESOURCES, INC.		9 Elevation 6142'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	27-N	11-W		1105'	NORTH	1115'	EAST	SAN JUAN

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 N/2 320					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

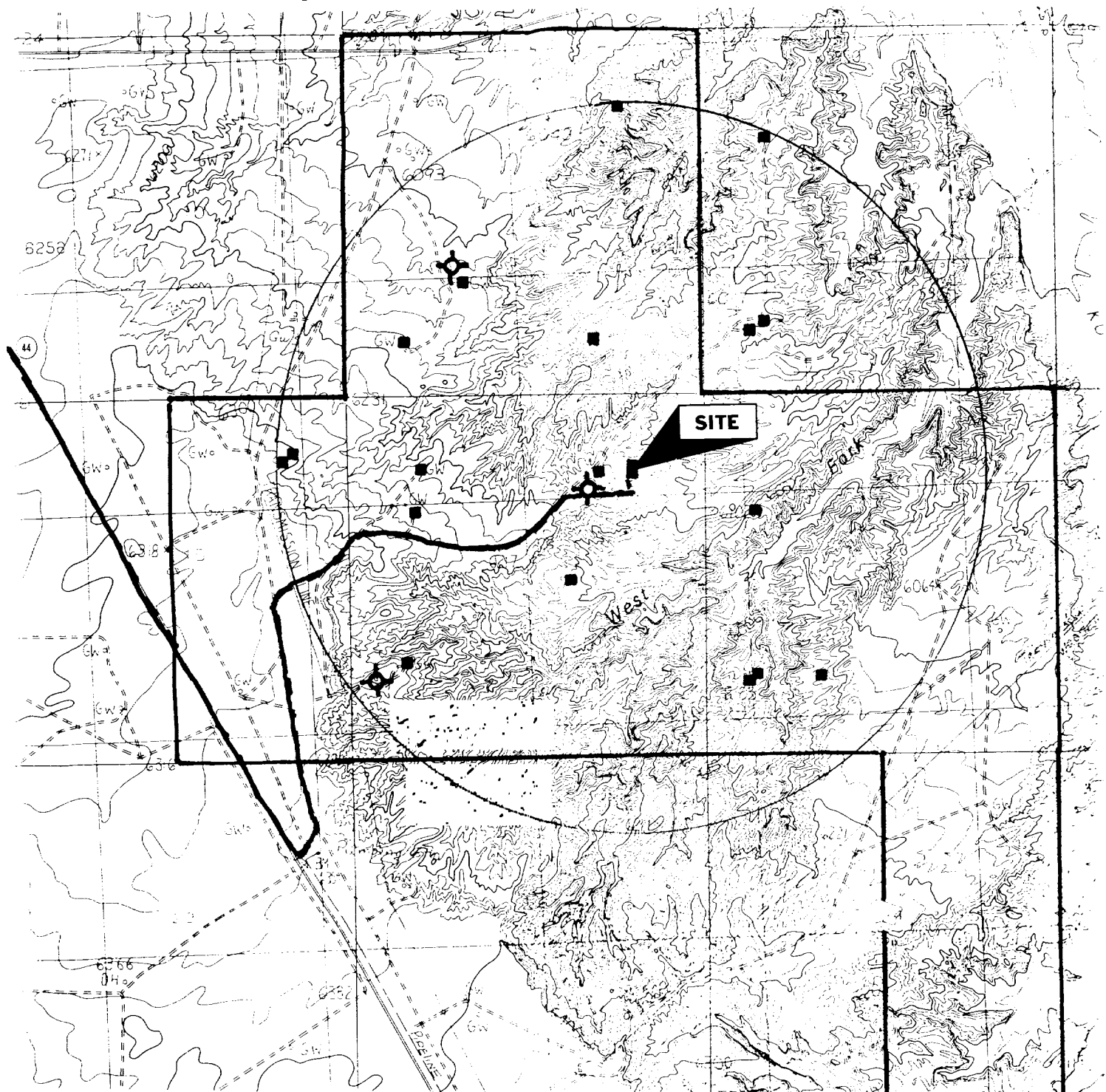
16 LAT. 36°34'46" N LONG. 107°58'05" W	FD 2 1/2" GLO BC 1913	S 89-53-41 W	2636.4'	FD 2 1/2" GLO BC 1913
	203'			1105'
217'		1115'		
S 00-03-05 W		5286.7'		
FD 2 1/2" GLO BC 1913				

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: **SEPTEMBER 21, 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: **8-28-01**
Signature and Seal of Professional Surveyor: *ROY A. RUSH*
Seal: **NEW MEXICO**
8894
Certificate Number: **8894**

MarkWest Resources, Inc.
 Fullerton Federal 27-11 14-1
 1105' FNL & 1115' FEL
 Sec. 14, T. 27 N., R. 11 W.
 San Juan County, New Mexico

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PROPOSED WELL: ■ NEW ROAD: - - -
 EXISTING WELL: ■ EXISTING ROAD: ~~~~~
 P & A WELL: ⊕ LEASE BOUNDARY: ┌

PERMITS WEST INC.
 PROVIDING PERMITS for LAND USERS