

509P  
4-18-2005

PMESD-509137579



**Southwestern Energy  
Production Company**

A subsidiary of Southwestern Energy Company

2350 N. Sam Houston Parkway East  
Suite 300  
Houston, Texas 77032  
(281) 618-4700 FAX: (281) 618-4757

March 22, 2005

RECEIVED

MAR 23 2005

OIL CONSERVATION  
DIVISION

Michael E. Stogner  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

Pursuant to Division Rule 104.F.(2), Southwestern Energy Production Company applies for approval of an unorthodox oil well location for the following well:

- Well: No Bluff State Well No. 6
- Location: 1050 feet FNL & 330 feet FWL
- Well Unit: NW¼NW¼ of Section 36, Township 17 South, Range 27 East, N.M.P.M., Eddy County, New Mexico

The well will be drilled to test the Glorieta/Yeso formations (Northeast Red Lake Glorieta-Yeso Pool). The pool is spaced on 40 acres, with wells to be located no closer than 330 feet to a quarter-quarter section line. A form C-102 for the well is attached as Exhibit A.

The location is based on engineering reasons. Applicant has drilled two Glorieta/Yeso wells in the W½NW¼ of Section 36 (the No Bluff State Well No. 3, located 2264 feet FNL & 366 feet FWL, and the No Bluff State Well No. 4, located 1765 feet FNL & 330 feet FWL). Based on the evidence presented in Division Case No. 13185, which increased the allowable in the pool, one well will not adequately drain a 40 acre well unit. Therefore, applicant intends to drill three or four wells per well unit. Drilling the well at its proposed location will allow other wells to be located and drilled in such a way as to maximize recovery from the well unit.

Attached as Exhibit B is a land plat. The W½NW¼ of Section 36 is covered by State Lease V-5512, which has common interest ownership as to all depths. The proposed well only encroaches on the interior quarter-quarter section line of the lease, and as a result notice of this application was not provided to any offset interest owners.

Please call if you have any questions. I can be reached at 281-618-4749.

Very truly yours,

W. Kurt Butler  
Southwestern Energy Production Co.

WKB/skl

9:10 AM 4-12-2005  
 Talked w/ Kurt Butler  
 1) will send geological support, etc.  
 2) amended location for a move 50 feet further south  
 3) topo map showing surface features that further restrict location  
 R-12199 M.S.

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I  
1625 N. FRANCIS DR., ALBUQU. NM 87104

DISTRICT II  
1204 W. GRAND AVENUE, ALBUQU. NM 87106

DISTRICT III  
1000 Rio Grande Rd., Aztec, NM 87410

DISTRICT IV  
1825 S. ST. FRANCIS DR., SANTA FE, NM 87505

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	Pool Code	Pool Name
Property Code	Property Name <b>NO BLUFF STATE COM</b>	Well Number <b>6</b>
GRID No.	Operator Name <b>SOUTHWESTERN ENERGY PRODUCTION COMPANY</b>	Elevation <b>3571'</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
D	36	17-S	27-E		1050	NORTH	330	WEST	EDDY

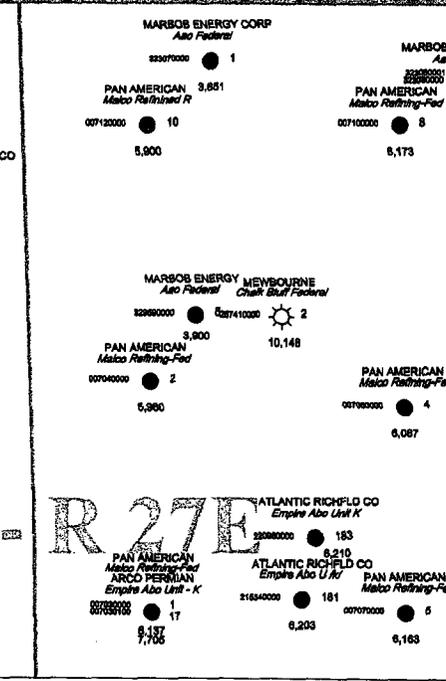
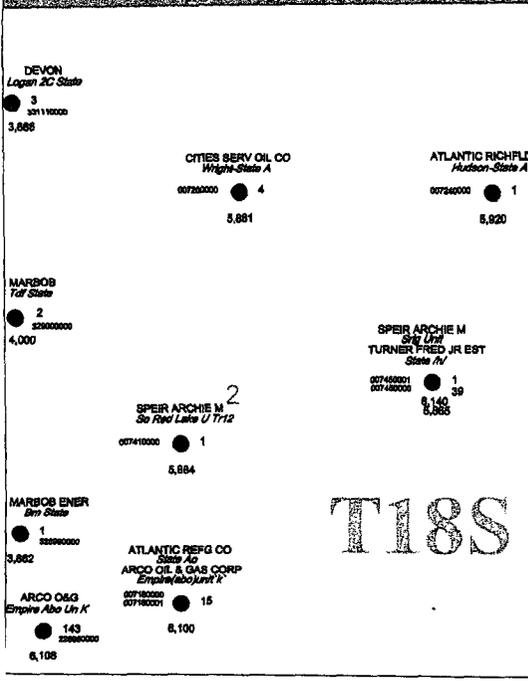
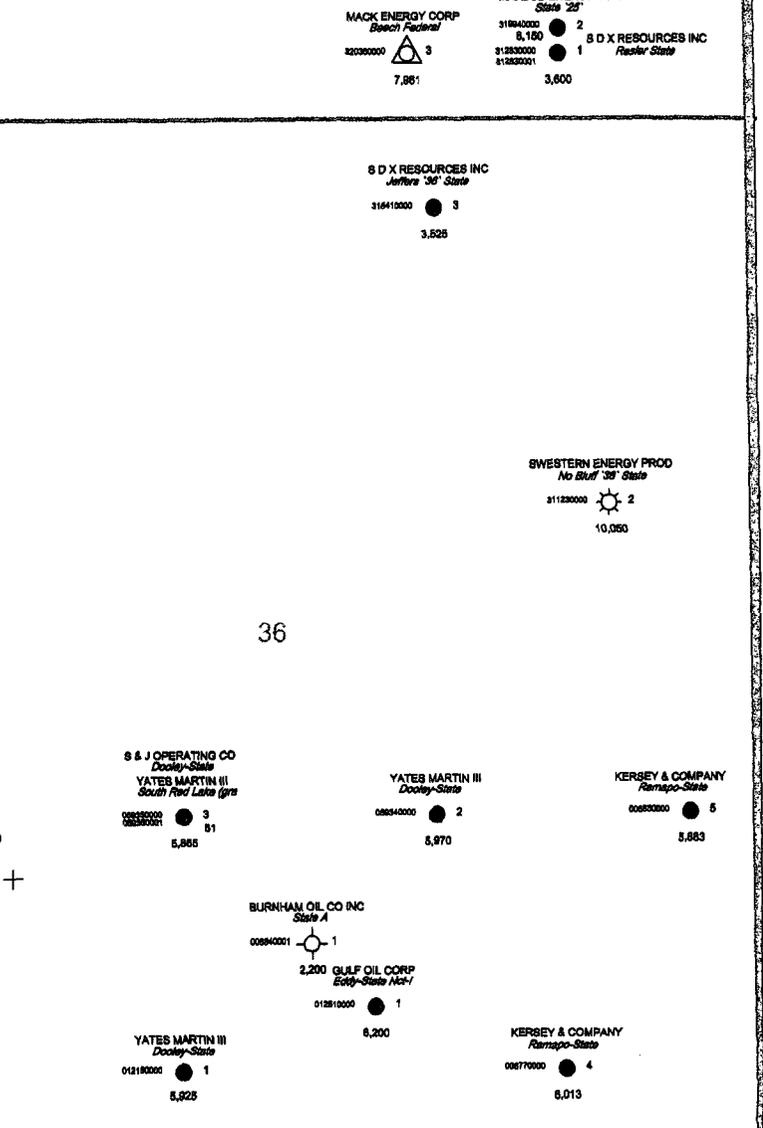
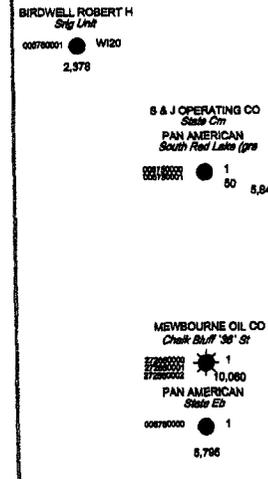
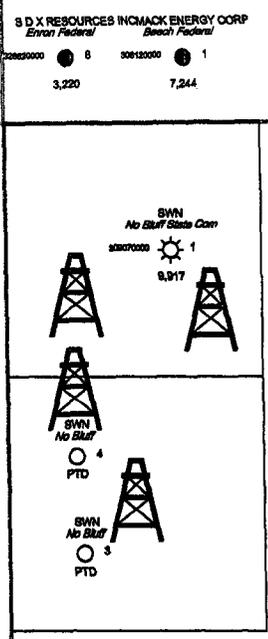
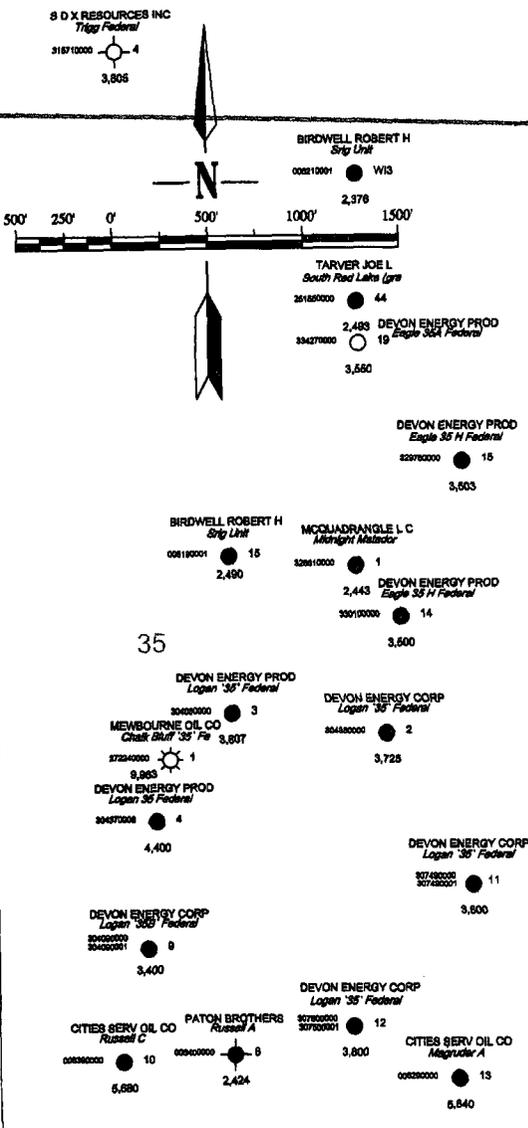
Bottom Hole Location if Different From Surface

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

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=652906.8 N X=528916.3 E</p> <p>LAT.=32°47'41.62" N LONG.=104°14'21.23" W</p>			<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>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>MARCH 12, 2005</p> <p>Date Surveyed _____ DEL</p> <p>Signature <i>GARY EIDSON</i> Professional Surveyor NEW MEXICO 05-11-0394</p> <p>Certification No. GARY EIDSON 12841</p>			

# T17S - R 27E





## SOUTHWESTERN ENERGY PRODUCTION COMPANY

**NO BLUFF PROSPECT**  
EDDY COUNTY, NEW MEXICO

### LAND MAP

INTERP. BY: CHUCK CORNISH	DATE: 21-MAR-05
DRAFTED BY:	CADFILE: s1/NoBluff/050311
PROJECTION: New Mexico East	NAD 27

# T18S - R 27E