

State of New Mexico  
Energy, Minerals and Natural ResourcesOIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-025-35325

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil &amp; Gas Lease No.

VA-1624-1

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ PLUG ☐ DIFF. ☐  
WELL OVER ☐ DEEPEN ☐ BACK ☐ RESVR. ☐ OTHER ☐

2. Name of Operator

Southwestern Energy Production Company

3. Address of Operator

2350 N. Sam Houston Parkway East, Suite 300 - Houston, TX 77032

7. Lease Name or Unit Agreement Name

Butkus "2" State

8. Well No.

1

9. Pool name or Wildcat

Osudo, Morrow, West

4. Well Location

Unit Letter P/16 : 3300 Feet From The S Line and 900 Feet From The E Line

Section 2 Township 21S Range 34E NMPM Lea County

10. Date Spudded

01/27/01

11. Date T.D. Reached

03/17/01

12. Date Compl. (Ready to Prod.)

5/16/01

13. Elevations (DF&amp; RKB, RT, GR, etc.)

3705' GR

14. Elev. Casinghead

15. Total Depth

13,475' MD

16. Plug Back T.D.

13,400'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

0 - 13,475'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Compensated Z-densilog/Compensated Neutron Log/Gamma Ray Log, Dual Laterolog/Micro Laterolog/Gamma Ray Log and Re-Computed Compressional and Shear with Gamma Ray

21. Was Well Cored

No

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	Conductor	55'	26"	9 sx ready mix	
13-3/8"	54.5#	1,477'	17-1/2"	1,110 sx	
9-5/8"	40#	5,756'	12 1/4"	1,975 sx	
7"	26#	11,809	8-3/4"	575 sx	

## 24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/5"	11,487	13,475	345 sx		2-3/8	13,012	13,015

26. Perforation record (interval, size, and number)

13,104-13,128'

13,193-13,202'

13,201-13,207'

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

## 28. PRODUCTION

Date First Production

5/21/01

Production Method (Flowing, gas lift, pumping - Size and type pump)

FLOWING

Well Status (Prod. or Shut-in)

Prod.

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5/21/01	24	12/64"		0	10,422	0	N/A
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
4700	5100		0	10,422	0	N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

FLARED

Test Witnessed By Kurt Butler

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Patricia Farmer

Printed

Name Patricia Farmer

Title Sr. Production Analyst 5/21/2001