

Form 3160-4
August 1999

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.
N.M. Div. - Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

CISF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator
Southwestern Energy Production Company

3. Address **2350 N. Sam Houston Pkwy. E.,
Ste. 300, Houston, TX 77032** 3a. Phone No. (include area code)
281-618-4739

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface **540' FNL, 370' FWL of Sec 29, T17S, R29E**

At top prod. interval reported below **540' FNL, 370' FWL of Sec 29, T17S, R29E**

At total depth **540' FNL, 370' FWL of Sec 29, T17S, R29E**

14. Date Spudded **07/04/01** 15. Date T.D. Reached **07/31/01** 16. Date Completed
☐ D & A ☒ Ready to Prod. **09/24/01**

18. Total Depth: MD **11,000'** 19. Plug Back T.D.: MD **10,957'** 20. Depth Bridge Plug Set: MD **N/A**
TVD **N/A** TVD **N/A** TVD **N/A**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Gamma Ray, Neutron, Density

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
24"	20"	Cond		59'		Ready mix			
17.5"	13.375"	64#		446'		490 C1 C	116	Circ	
12.25"	9.63"	40#		3,003'		1050 C1 C	249	Circ	
8.75"	5.5"	17#		11,000'		400 C1 C	68	9,380'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375"	10,627'	10,583'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	10,620'	10,693'	10,620'-10,693'		128	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10,620-10,693'	60 ton CO₂ & 72 bbls Methanol.

ACCEPTED FOR RECORD

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Production Method

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/24	09/25	24	→	1	125	0	N/A	60.4	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
20/64	100	0	→	1	125	0	N/A	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

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

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Morrow	10,620	10,693	G & O Show	Strawn Atoka Clastics Atoka Bank Morrow Clastics Lower Morrow	9,060 10,202 10,370 10,595 10,738

32. Additional remarks (include plugging procedure):

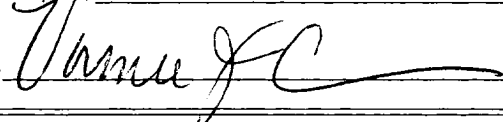
33. Circle enclosed attachments:

1. ☒ Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) **Vonnie J. Germin**Title **Production Analyst**

Signature

Date **09/27/01**

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.