

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drift Restr.
Other _____

2. Name of Operator
Southwestern Energy Production Company

3. Address 2350 N. Sam Houston Parkway East Houston, TX 77032

5a. Phone No. (include area code)
281-618-4887

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

2520' FNL & 1650' FEL SEC 10-T25S-R29E

At surface

At top prod. interval reported below

At total depth 237' FNL & 1865' FEL SEC 10-T25S-R29E

14. Date Spudded
07/26/2007

15. Date T.D. Reached
08/25/2007

16. Date Completed 09/26/2007
☐ D & A ☒ Ready to Prod

5. Lease Serial No
NM-15303

6. If Indian Allottee or Tribe Name
N/A

7. Unit or CA Agreement Name and No
N/A

8. Lease Name and Well No
CORRAL FLY FEDERAL 1-H

9. AFI Well No
30-015-35623

10. Field and Pool or Exploratory
CORRAL CANYON DELAWARE, NW

11. Sec. T. R. M. on Block and
Survey or Area SEC 10 T25S R29E

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF RKB RT GL)*
3038' GL

18. Total Depth MD 7675'
TVD 5520'

19. Plug Back T.D. MD 7620
TVD

20. Depth Bridge Plug Set MD N/A
TVD N/A

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MWD (Lateral) Triple Combo (Pilot Hole)

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)	Sludge Cement Depth	No. of Sk. & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
12-1/4	9-5/8 J-55	36	Surface	744	----	500 Class C		85'	
						50 Class C		Surface (CIR)	Top Job
7-7/8	5-1/2 N-80	17	Surface	7675		710 Class C		1150 (CMT)	
					4674	1100 Class C			DV Tool

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	5042	N/A						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) CHERRY CANYON 7 SAND	5480 TVD	5580 TVD	See Item 32			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze etc

Depth Interval	Amount and Type of Material
5895'-7509'	Acidize w/6500 gals acid
	Frac w/7500 lbs 20/40 sand & 200,300 lbs 16/30 sand with 3319 bbls fluid

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
09/26/07	10/02/07	24	→	5.52	4.1	430	38.0	0.8841	Pumping
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	100	50	→	5.52	4.1	430	724,638 1	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	
			→						

*(See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

OCT 22 2007

JERRY FANT
PETROLEUM GEOLOGIST

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	
			→						

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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 (Solid used for fuel, vented etc)
Flowing to sales

30 Summary of Porous Zones (Include Aquifers)	31 Formation (Log) Markers
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.	BELL CANYON 3172' TVD CHERRY CANYON 4017' TVD CHERRY CANYON 7 SAND 5480' TVD

Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top
					Meas Depth
CHERRY CANYON 7	5480 TVD	5580 TVD	SS, SHALE, LS ANHYD		

32 Additional remarks (include plugging procedure)

Perforations

5895 3-3/8" 3 OPEN
6097 3-3/8" 3 OPEN
6294 3-3/8" 4 OPEN
6491 3-3/8" 4 OPEN
6689 3-3/8" 5 OPEN
6860 3-3/8" 5 OPEN
7056 3-3/8" 5 OPEN
7222 3-3/8" 6 OPEN
7419 3-3/8" 6 OPEN
7509 3-3/8" 7 OPEN

33 Indicate which items have been attached by placing a check in the appropriate boxes.

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) MARTHA C. HOWARD

Title STAFF REGULATORY ANALYST

Signature Marttha C. Howard

Date 10-12-2007

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.

(Continued on page 3)

(Form 3160-4 page 2)

OPERATOR
WELL/LEASE
COUNTY

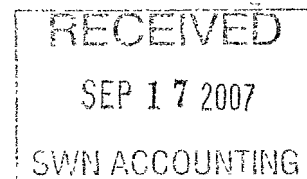
SOUTHWESTERN ENERGY PROD. CO.
CORRAL FLY FED 1-H
EDDY

048-0052

STATE OF NEW MEXICO
DEVIATION REPORT

OCT 23 2007
OCD-ARTESIA

229	1.00	3,770	0.90
442	1.00	3,861	0.20
626	0.75	3,955	1.10
790	1.00	4,066	0.80
889	1.30	4,161	0.20
1,078	2.90	4,257	1.00
1,173	3.10	4,447	0.50
1,237	1.90	4,542	0.80
1,269	2.50	4,638	0.40
1,367	2.90	4,723	0.80
1,462	3.00	4,850	1.20
1,554	2.80	5,288	0.75
1,649	1.70		
1,745	1.70		
1,840	1.30		
1,935	1.40		
2,023	1.30		
2,119	0.80		
2,214	1.70		
2,319	1.60		
28,510	1.10		
2,602	1.00		
2,667	1.50		
2,793	3.20		
2,849	4.40		
2,907	4.00		
3,035	2.40		
3,142	2.20		
3,262	1.80		
3,326	1.70		
3,526	1.00		
3,685	0.50		



BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

August 31, 2007, by Steve

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

