

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

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 Parkway, East, Houston, TX 77032

3a. 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.

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)	Stage Cementer Depth	No. of Sks & 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	26. Perforation Record	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

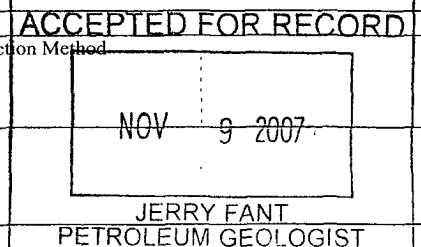
28. Production - Interval A

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	724:1	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)



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

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

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		

Area of Log Management
 Received
 NOV 07 2007
 Carlsbad Field Office
 Carlsbad, N.M.

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 Martha C. Howard

Date 11-6-2007

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.

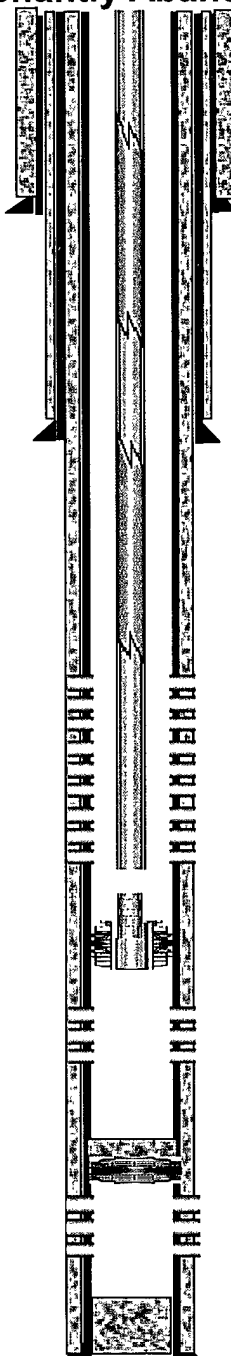


Indian Hills Unit No 6 Before Permanently Abandoning Atoka

NOV 13 2007
OCD-ARTESIA

Marathon Oil Company
Indian Hills Unit No 6
8-Nov-07

Directional well kicked off
from vertical @ 7754'



Surface Casing
13 3/8" 48# H-40 set @ 300' w/ 325 sks cmt
85 sks cmt circ to surface

Intermediate Casing
8 5/8" 24# K-55 set @ 2000' w/ 775 sks cmt.
252 sks cmt circ to surface

Open Upper Penn perms @ 753-7600, 7600-7672

Squeezed Upper Penn Perfs @ 7688-7744. 7782-7848

Open Upper Penn perms @ 7870-8010

PLS Packer & Plug @ 9153'

Atoka Perforations @ 9290-92300

CIBP @ 9575' w/ 10' cmt on top

Morrow Perforations @ 9623-9635, 9672-9679,
& 9700-9712

Production csg 5 1/2" 17# K-55 Set @ 9817 MD
Cmt in 2 stages w/ 1st stage 505 sks circ 47 sks to surf.
2nd stage 875 sks circ to surface
DV tool @ 7003'

Top of cmt @ 9755'

Well Name & Number:	Indian Hills Unit No 6		Lease	NM LC-064391-B	
County or Parish:	Eddy	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)			(TVD)	9596 TVD 9820' MD	
Date Completed:			RKB:		
Prepared By:	Charles Kendrix		Last Revision Date:	11/09/07	