

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-35341 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER SWD b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name Karlsbad Corral SWD 8. Well No. 1 9. Pool name or Wildcat SWD; Delaware
2. Name of Operator Southwestern Energy Production Company 3. Address of Operator 2550 N. Sam Houston Parkway, East - Suite 125 Houston, TX 77032		<div style="border: 1px solid black; border-radius: 50%; padding: 10px; text-align: center; width: fit-content; margin: auto;"> Month - Year APR - 2 2007 OCD - ARTESIA, NM </div>
4. Well Location Unit Letter <u>J</u> : <u>2222</u> Feet From The <u>South</u> Line and <u>2640</u> Feet From The <u>East</u> Line Section <u>11</u> Township <u>25-S</u> Range <u>29-E</u> NMPM <u>Eddy</u> County		
10. Date Spudded 01/31/2007	11. Date T.D. Reached 02/08/2007	12. Date Compl. (Ready to Prod.) N/A
13. Elevations (DF& RKB, RT, GR, etc.) 3093 GL		14. Elev. Casinghead
15. Total Depth 4000	16. Plug Back T.D. 3934	17. If Multiple Compl. How Many Zones? N/A
18. Intervals Drilled By Rotary Tools X Cable Tools		19. Producing Interval(s), of this completion - Top, Bottom, Name 3652'-3921'
20. Was Directional Survey Made No		21. Type Electric and Other Logs Run CBL, CN
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
9-5/8	36	766
5-1/2	17	3993
24. LINER RECORD		
SIZE	TOP	BOTTOM
25. TUBING RECORD		
SIZE	DEPTH SET	PACKER SET
2-7/8	3616	3603
26. Perforation record (interval, size, and number) Lower Bell Canyon - 1 shot per 2' - 94 shots 3652'-82'; 3711-19'; 3753-57'; 3784'-816'; 3832'-74' 3881'-921'		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3652'-3921' Acidize w/4700 gals acid 3652'-3921' Frac w/87,000 lbs proppant & 57,000 gals gel		
28. PRODUCTION		
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	
Well Status (Prod. or Shut-in)		
Date of Test	Hours Tested	Choke Size
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Prod'n For Test Period	Oil - Bbl	Gas - MCF
Water - Bbl.	Gas - Oil Ratio	Oil Gravity - API - (Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By
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 <u>Martha C Howard</u>	Printed Name Martha C. Howard	Title Staff Regulatory Analyst
E-mail Address	Date <u>3.30.2007</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Month - Year
APR - 2 2007
OCD - ARTESIA, NM

WELL API NO. 30-015-35341
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Karlsbad Corall SWD
8. Well Number 1
9. OGRID Number 14811
10. Pool name or Wildcat SWD: Delaware

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD

2. Name of Operator
Southwestern Energy Production Company

3. Address of Operator
2350 N. Sam Houston Parkway, East - Suite 125, Houston, TX 70032

4. Well Location
Unit Letter J : 2222 feet from the South line and 2640 feet from the East line
Section 11 Township 25S Range 29E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3093' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: Perforate & complete ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

AMENDED ADMINISTRATIVE ORDER WAS APPROVED 02/25/2007 COMPLETION OPERATIONS (02/15/2007 - 03/09/2007)

Run porosity and cement bond logs. Tag PBD @ 3934'. Perf L. Bell Canyon formation @ 1 shot per 2 ft.: 3652'-82'; 3711'-19'; 3753'-57'; 3784'-816'; 3832'-74' and 3881'-921' (94 shots). Acidize perfs w/4700 gal 15% HCl @ 12 BPM and 2500 psi. Sand fracture same interval w/87,000 lbs 16/30 sand and 57,000 gal cross-link gel @ 82 bpm & 1643 psi. Clean out sand and run injection equipment as follows: 3616' 2-7/8" fiberglass-lined J-55 tubing w/plastic-coated 5-1/2" packer set @ 3603'. Initial BHP w/pressure guage = 1901 psi. Disposal began 03/09/2007 @ 1037 BHPD & 300 psi.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Martha C Howard TITLE Staff Regulatory Analyst DATE 3-30-2007
Martha C. Howard

Type or print name E-mail address: Telephone No. 281-618-4887

For State Use Only

FOR RECORDS ONLY

APPROVED BY: _____ TITLE _____ DATE APR 03 2007
Conditions of Approval (if any): _____

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
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State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised June 10, 2003

Month - Year
APR - 2 2007
OCD - ARTESIA, NM

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Southwestern Energy Production Company 2350 N. Sam Houston Parkway, East - Suite 125 Houston, TX 77032		² OGRID Number 148111
⁴ API Number 30 - 0 15-35341		³ Reason for Filing Code/ Effective Date
⁵ Pool Name SWD: Delaware	⁶ Pool Code 96100	
⁷ Property Code 36246	⁸ Property Name Karlsbad Corral SWD	⁹ Well Number 1

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	11	25-S	29-E		2222	South	2641	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 01/31/2007	²⁶ Ready Date 03/09/2007	²⁷ TD 4000	²⁸ PBDT 3934	²⁹ Perforations 3652' - 3921'	³⁰ DHC, MC N/A
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
12-1/4	9-5/8	766	350 + 200		
7-7/8	5-1/2	3993	610 + 410		
	2-7/8	3616			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Martha C. Howard

Printed name: Martha C. Howard

Title: Staff Regulatory Analyst

E-mail Address:

Date: 3-30-2007 Phone: 281-618-4887

OIL CONSERVATION DIVISION

Approved by:

BRYAN G. ARRANT

Title:

DISTRICT II GEOLOGIST

Approval Date:

APR 03 2007