

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

119-20365-00-01  
119020,365

Operator: License # 32126  
Name: Sunfire Energy  
Address: PO Box 1761  
City/State/Zip: Liberal, KS 67905  
Purchaser: Duke  
Operator Contact Person: Jerry Roberts  
Phone: (620) 624-7031  
Contractor: Name: N/A  
License: 32126  
Wellsite Geologist: OWWO

RECEIVED

SEP 24 2004

KC WICHITA

Designate Type of Completion:  
 New-Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: SHINGLE 1-24  
Well Name: CALVIN EXPLORATION

Original Comp. Date: 2-12-80 Original Total Depth: 5910'

Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back 5890' Plug Back Total Depth  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

7-7-04 Spud Date or Recompletion Date  
7-12-04 Date Reached TD  
Completion Date or Recompletion Date

per operator conversation  
KGR

API No. 15 - 119020,365  
County: Meade  
C SW SW Sec. 24 Twp. 35 S. R. 30  East  West  
660' feet from S / N (circle one) Line of Section  
660' feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Shingle Well #: 1-24  
Field Name: \_\_\_\_\_

Producing Formation: Morrow

Elevation: Ground: 2695' Kelly Bushing: 2705'

Total Depth: \_\_\_\_\_ Plug Back Total Depth: 5795'

Amount of Surface Pipe Set and Cemented at 1481 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set DV Tool @ 3303 w/125 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan OWWO KGR 8/8/07  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Gerald M. Roberts, Gerald M. Roberts

Title: President Date: 9-23-04

Subscribed and sworn to before me this 22nd day of September

19 2004

ANDREA NIX  
Notary Public - State of Kansas  
My Appt. Expires 2-5-08

Notary Public: Andrea Nix

Date Commission Expires: 2-5-08

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Sunfire Energy Lease Name: Shinogle Well #: 1  
 Sec. 24 Twp. 33 S. R. 30  East  West County: Meade

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	4432'	
Lansing	4588'	
Marmaton	5085'	
Cherokee	5374'	
Morrow Shale	5720'	
TD - Log	5890'	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./ Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	1481'	65/35 poz Class H	700	2% CaCl
Production	7 7/8"	4 1/2"	10.5#	5909'	50/50 poz	125	3% CaCl 18% NACE 2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	35 holes	AZ w/2000 gals 7 1/2% acid w/40 bls	5740-74
	FRAC	w/50,000 gls gel 3% acid & 50,000 lbs sand	5740-74
2	4 holes & 4 hole (squeezed off)	AZ 250 gals 15% MCA	3232-34 3228-30
4	24 holes	none (csg patch)	5215-21
4	16 holes	none	5810-14

TUBING RECORD Size 2 3/8' Set At 5738' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours Oil Bbls. \_\_\_\_\_ Gas 6 Mcf \_\_\_\_\_ Water trace Bbls. \_\_\_\_\_ Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_