

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIISION  
WELL COMPLETION FORM  
ACQ-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

API NO. 15 - 129-21661 - **ORIGINAL**

County Morton E  
- C - N2 - SW Sec. 16 Twp. 32S Rge. 42 X W

Operator: License # 32971  
Name: Dominion Oklahoma Texas E&P, Inc.  
Address: Suite 600  
14000 Quail Springs Parkway  
City/State/Zip Oklahoma City, OK 73134

1980' Feet from S / N (circle one) Line of Section  
1320' Feet from E / W (circle one) Line of Section

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

Purchaser: N/A  
Operator Contact Person: Lenora Sawyer

Lease Name Heyen Well # 1-16  
Field Name Greenwood Gas Field

Phone (405) 748-2725  
Contractor: Name Cheyenne Drilling Co.

Producing Formation Dry Hole  
Elevation: Ground 3518' KB 3528'

License: 5382  
Wellsite Geologist: NA

Total Depth 5215' PBTB P&A  
Amount of Surface Pipe Set and Cemented at 1477' Feet

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

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet

If Workover:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

Deepening  Re-perf.  Conv. To Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
1/30/02 2/6/02 P&A 2/7/02  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) P&A KGR 1/17/08

Chloride content 1100 ppm Fluid volume 800 bbls  
Dewatering method used \_\_\_\_\_

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

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp S Rng. E / W

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 on 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 CD-4 form with all plugged wells. Submit CP-111 with all temporarily abandoned wells.

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

Lenora J. Sawyer  
Title Regulatory Technician Date 2/15/02  
Subscribed and sworn to before me this 15th day of February  
Notary Public Lorrie A. Renfro  
Date of Commission Expires 9-01-05

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)

Operator Name Dominion Oklahoma Texas E&P, Inc. Lease Name Heyen Well # 1-16

Sec. 16 Twp. 32S Rge. 42  East  
 West County Morton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  Log Formation (Top), Depth and Datum  Sample  
 (Attach Additional Sheets.) Name Top Datum

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy.)

List All E.Logs Run:  
 Platform Express - Lithodensity-CNL - Microlog - GR  
 Platform Express - Array Induction - Linear Correlation - SP - GR

CASING RECORD  New  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	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	1477'	Cl "C"	525	3% cc + 1/8# flocele
					Premium	150	2% cc + 1/8# flocele

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Materials Used) Depth	

TUBING RECORD Size NA Set At Packer At Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil NA Bbls Gas NA Mcf Water NA Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
 (If Vented, submit ACO-18.)  Other (Specify) DRY HOLE

<b>HALLIBURTON</b>		<b>JOB SUMMARY</b>		SALES ORDER NUMBER 1731090	DATE 01/31/02
REGION North America Land	AREA / COUNTRY Mid Continent	BDA / STATE KS	COUNTY MORTON		
MBU ID / EMP # MCLI0103	H.E.S. EMPLOYEE NAME Shaun Fredrick	PSL DEPARTMENT Cementing Services			
LOCATION Liberal	COMPANY CHEYENNE DRILLING	CUSTOMER REP / PHONE LOU LUNSFORD/620-272-4846			
TICKET AMOUNT \$9,324.03	WELL TYPE OIL	API/AMI #			
WELL LOCATION LAND	DEPARTMENT Cement	SAP BOMB NUMBER 7521	Description Cement Surface Casing		
LEASE NAME HEYEN	Well No. 1-16	SEC / TWP / RNG 16-32S-42W	H.E.S. FACILITY (CLOSEST TO WELL SITE) LIBERAL		

H.E.S. EMP NAME / EMP # / (EXPOSURE HOURS)	HRS	HRS	HRS	HRS
Fredrick, S - 106114	14.0	Lopez, J - 198514	14.0	
Kirby, K - 105942	14.0	Reno, J - 108185	13.0	
White, L - 232712	14.0			
Spangler, M - 241478	14.0			

H.E.S. UNIT #3 / (R/T MILES)	R/T MILES	R/T MILES	R/T MILES	R/T MILES
10219237	50			
54218-6611	25			
10244148-10286731	25			

RECEIVED  
FEB 20 2002  
KCC WICHITA

Form. Name \_\_\_\_\_ Type: \_\_\_\_\_  
 Form. Thickness \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
 Packer Type \_\_\_\_\_ Set At \_\_\_\_\_  
 Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_  
 Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

Date	Called Out	On Location	Job Started	Job Completed
	01/31/2002	01/31/2002	01/31/2002	01/31/2002
Time	0700	1100	2050	2359

**Tools and Accessories**

Type and Size	Qty	Make
Float Collar		
Float Shoe INSERT/FILL	1	HOWCO
Centralizers 8 5/8	5	HOWCO
Top Plug 5W	1	HOWCO
HEAD PC	1	HOWCO
Limit clamp		
Weld-A	1	HOWCO
Guide Shoe		
BTM PLUG		

**Well Data**

	New/Used	Weight	Size	Grade	From	To	Max. Allow
Casing	NEW	24.0	8 5/8		KIB	1,481	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			12 1/4			1,482	Shots/Ft.
Perforations							
Perforations							
Perforations							

**Materials**

Material	Density	Lb/Gal
Mud Type		
Disp. Fluid		
Prop. Type	Size	Lb
Prop. Type	Size	Lb
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

Hours On Location		Operating Hours		Description of Job
Date	Hours	Date	Hours	
1/31	14.0	1/31	1.5	
<b>Total</b>	<b>14.0</b>	<b>Total</b>	<b>1.5</b>	

Ordered	Hydraulic Horsepower Avail.	Used
Treating	Average Rates in BPM	Overall
	Disp.	
Feet 45	Cement Left in Pipe	Reason
		SHOE JOINT

**Cement Data**

Stage	Sacks	Cement	Bulk/Sks	Additives	W/Rq.	Yield	Lbs/Gal
1	525	HLC C	Bulk	3% CC- 1/8# POLYFLAKE	11.60	2.05	12.30
	150	PREM P	Bulk	2% CC, 1/8# POLYFLAKE	6.30	1.34	14.8
			Bulk				
			Bulk				

**Summary**

Circulating Breakdown \_\_\_\_\_ Displacement \_\_\_\_\_ Preflush: BBI \_\_\_\_\_ Type: \_\_\_\_\_  
 \_\_\_\_\_ MAXIMUM \_\_\_\_\_ Load & Bkdn: Gal - BBI \_\_\_\_\_ Pad: Bbl - Gal \_\_\_\_\_

Average \_\_\_\_\_ Frac. Gradient \_\_\_\_\_ Treatment: Gal - BBI \_\_\_\_\_ Disp: Bbl \_\_\_\_\_  
 Shut In: Instant \_\_\_\_\_ 5 Min. \_\_\_\_\_ 15 Min. \_\_\_\_\_ Cement Slurry BBI \_\_\_\_\_ 227.5 \_\_\_\_\_  
 Total Volume BBI \_\_\_\_\_ 319.00 \_\_\_\_\_

THE INFORMATION STATED HEREIN IS CORRECT  
 CUSTOMER REPRESENTATIVE \_\_\_\_\_

*Lawrence A. Lunsford*  
 SIGNATURE

