

Operator Name: Osborn Energy, L.L.C. Lease Name: Hopkins Well #: 11-1-16-24
 Sec. 1 Twp. 16 S. R. 24 East West County: Miami

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
Drillers Log Attached
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KANSAS CORPORATION COMMISSION
JUL 28 2003
 CONSERVATION DIVISION
 WICHITA, KS

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	11 1/4"	8 5/8"		20'	Portland	6	None
Production	7 7/8"	5 1/2"	15.50	504'	40/60 Poz	83	2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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

TUBING RECORD		Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.		Producing Method					
Waiting on completion		N/A		Flowing	Pumping	Gas Lift	Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	N/A	N/A	N/A	N/A	N/A		

Disposition of Gas: Vented Sold Used on Lease Other (Specify) SIGW

Method of Completion: Open Hole Perf. Dually Comp. Commingled _____

Drillers Log

Hopkins #11-1-16-24

357 FWL, 2010 FSL (N 38° 41.084', W 94° 42.719')

Section 1-T16S-R24E

Miami, Co. Kansas

API #15-121-27676

Elevation: 998 GL (est. from Topo. Map)

Drilling Contractor: Glaze Drilling Co., (Lic. #5885)

Spud: 5/18/2003

Surface: 11 1/4" bore hole, set 20' of 8 5/8" csg. cmt'd with 6 sx

Production bore hole: 7 7/8"

Rotary Total Depth: 660' on 5/19/03

Drilling fluid: Air

E-Log Total Depth: No Open Hole Run

Production Csg.: Used 5 1/2" 15.50#/ft., set at 504' (packer rubber)

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<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	233	765
Hushpuckney Shale	262	736
Base Kansas City	280	718
"Middle" Knobtown Sand	310	688
Carbonaceous Zone in Tacket Fm.	No call	----
"Big Lake" Sand	397	601
South Mound Zone	437	561
Hepler (Wayside) Sand	445	553
"Upper" Mulberry Zone	No call	----
Mulberry Zone	No call	----
Weiser Sand	484	514
Myrick Station	502	496
Anna Shale (Lexington Coal Zone)	506	492
Peru Sand	Not developed	----
Summit Shale Zone	546	452
Mulky Coal/Shale Zone	568	430
Squirrel Sand	581	417
Bevier Coal Zone	No call	----
Rotary Total Depth	660	338

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

RECEIVED
 KANSAS CORPORATION COMMISSION
 TICKET NUMBER **23090**

JUL 28 2003

LOCATION: Ottawa, KS
 FOREMAN: Jim Green

TREATMENT REPORT
 CONSERVATION DIVISION
 WICHITA, KS

1 of 2 wells

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-22-03	6073	Hopkins #11-1		1	16	24	MT	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	7 7/8" 160'
TOTAL DEPTH	160'
CASING SIZE	5 1/2" 502'
CASING DEPTH	502'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB

389 PUSL, 368 PTBZ, 221 VAC MK, 195 BT ML = CR

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Wash down 210' 1" mix and pump 1 sk gel to flush hole, mix and pump 78 SKS 40% po2 mix cement with 2% gel. Circulated cement to surface, pull 1" mix and pump 5 SKS cement to top well off, leaving outside hole full to surface.

USED 83 SKS Total

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED TITLE DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.