

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Log Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	Yes <input checked="" type="checkbox"/> No	See attached Driller's Log and Geologist Sample Report	
Electric Log Run <i>(Submit Copy)</i>	Yes <input checked="" type="checkbox"/> No		
List All E. Logs Run:			

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CASING RECORD New <u>Used</u>							
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	N/A	20	Portland	6	None
Production	7 7/8	5 1/2	15.50	504	60-40 Poz-Mix	83	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				None

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
	Not perf'd, open holed from 504-660	None	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	set at 630'	None	Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method				
7/2003	Flowing <input type="checkbox"/> <u>Pumping</u> Gas Lift Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	None	10-15	40-50		

Disposition of Gas METHOD OF COMPLETION Production Interval **504-660**

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled _____
(If vented, Sumit ACO-18.) Other (Specify) _____



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

SCANNED

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 19326

LOCATION Ottawa, KS

FIELD TICKET

162 wells

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-22-03	6077	Hopkins #11-1		12	16	24	ME	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				
<u>Osborn Energy LLC</u>								
<u>24830 Farley</u>								
<u>Bucyrus, KS 66013</u>				<u>RS Glaze</u>				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	One	PUMP CHARGE Cement One Well, 1" fillup		525. ⁰⁰
5402	502'	Casing footage		N/C
1118	3 SKS	Premium Gel		35. ¹⁰
5609	1.5 HRS	Cement Pump wash down		180. ⁰⁰
		BLENDING & HANDLING		
		TON-MILES		
		STAND BY TIME		
5407	One	MILEAGE		495. ⁰⁰
		WATER TRANSPORTS		
5502	3.5 HRS	VACUUM TRUCKS		245. ⁰⁰
		FRAC SAND		
H24	83 SKS	CEMENT		564. ⁴⁰
1131			6.8% SALES TAX	40. ⁷⁹

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Ravin 2790

ESTIMATED TOTAL 1685.⁵⁹

CUSTOMER or AGENTS SIGNATURE _____ CIS FOREMAN Jim Green

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 5-22-03

184296

SCANNED

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

TICKET NUMBER 23090

TREATMENT REPORT

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LOCATION Ottawa, KS
 FOREMAN Tim Allen

1 of 2 wells

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
5-22-03	6073	HOPKINS #1-1S		1	16	24	MI	
CHARGE TO <u>Osborn Energy LLC</u>				OWNER				
MAILING ADDRESS <u>24850 Farley</u>				OPERATOR				
CITY <u>Bucyrus</u>				CONTRACTOR <u>K.S. Glaze</u>				
STATE <u>Ks</u>		ZIP CODE <u>66013</u>		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <u>9:30AM</u>				TIME LEFT LOCATION <u>1:30PM</u>				

WELL DATA	
HOLE SIZE	<u>7 7/8"</u>
TOTAL DEPTH	<u>660'</u>
CASING SIZE	<u>5 1/2"</u>
CASING DEPTH	<u>502'</u>
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 MUSG, 368 PT BZ, 221 Vac MK, 195 BT ML ECR

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Wash down 210' 1" mix and pump 15K gal 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.