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

32294 CONCIDENTIAL	API No. 15 - 121-27676-0000
Operator: License # 32294 Osborn Energy, L.L.C.	County: Miami
24950 Farloy	SW_NW_NW Sec. 1 Twp. 16 S. R. 24 X East West
Address:Bucyrus, Kansas 66013	2,010 feet from S/ N (circle one) Line of Section
City/State/Zip:Akawa Natural Gas, L.L.C. RECEIVED	257
Purchaser:	Footages Calculated from Nearest Outside Section Corner:
Operator Contact Person: Steve Allee JUL 2 8 2003 Phone: (913) 533-9900 JUL 2 8 2003	(circle one) NE SE NW (SW)
Filone. ()	Lease Name: Hopkins Well #: 11-1-16-24
Contractor: Name: Suzie Glaze CONSERVATION DIVISION License: 5885 WICHITA, KS	Field Name: Louisburg
License:	Producing Formation: Pawnee
Wellsite Geologist.	Elevation: Ground: 998' Kelly Bushing: N/A
Designate Type of Completion:	Total Depth: 660' Plug Back Total Depth: N/A
X New Well Re-Entry Workover Oil SWD SIOW Temp. Abd. X Gas ENHR X SIGW WIGHTON AUG. Dry Other (Core, WSW, Expl., Cattle of Tion DIV. If Workover/Re-entry: Old Well Info as follows: Operator:	Amount of Surface Pipe Set and Cemented at Feet
OilSWDSIOWTempo. Abd.	Multiple Stage Cementing Collar Used? ☐ Yes ▼No
X Gas — ENHR X SIGW VER COMPANY SIGN OF THE CO	If yes, show depth set Feet
Dry Other (Core, WSW, Expl., Catoo C	If Alternate II completion, cement circulated from 502
If Workover/Re-entry: Old Well Info as follows: AN TION IN TI	feet depth to surface w/ 83 sx cmt.
If Workover/Re-entry: Old Well Info as follows: Operator: 000 000 000 000 000 000 000	
Well Name:	Drilling Fluid Management Flan ATT When Z - C-0 (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Dewatering method used evaporation
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
5/18/2003 5/19/2003 waiting on completion	Quarter Sec Twp. S. R East West
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: Crologist Date: 7-74-0	Letter of Confidentiality Attached
()	If Denied, Yes Date:
Subscribed and sworn to before me this <u>24</u> day of <u>Juy</u>	Wireline Log Received
10 2003.	Geologist Report Received
Notary Public: Marline of State DARLIN	
Date Commission Expires: 13/11/2005 EMY Appt. Exp	

Operator Name:	ame: Osborn Energy, L.L.C.			Leas	e Name:Hopkins			Well #: 11-1-16-24		
Sec. 1 Twp. 16	5s. R 24	x East	West	Count	ty:	Miami				
INSTRUCTIONS: She tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing overy, and flow rate	g and shut-in s if gas to s	n pressures, urface test, a	whether s along with	hut-in pr	essure reache	d static level, hydro	static pressur	es, bottom hole	
Drill Stem Tests Taken (Attach Additional S		☐ Yes	X No		x	.og Forma	tion (Top), Depth a	nd Datum	Sample	
Samples Sent to Geol	ogical Survey	☐ Yes	X No		Nan	10		Тор	Datum	
Cores Taken		Yes	x No			Drillers	EEog Attached	ī		
Electric Log Run (Submit Copy)		Yes	X No		KANSA	RECEIV S CORPORATIO	N COMMISSION			
List All E. Logs Run:						JUL 28				
						CONSERVATION WICHITA,	DIVISION KS			
		Report		RECORD		ew Used ermediate, produ	ction, etc.			
Purpose of String	Size Hole Drilled	Size	Casing n 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	2"	15.	50	504'	40/60 Poz	83	2% gel	
			ADDITIONAL	CEMENTI	NG / SQI	JEEZE RECOR	D			
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of	Cement	#Sacks Used		Type and Percent Additives				
Plug Back TD Plug Off Zone									994 - <u>A. A. A. A. A. Maria, A. G. G.</u>	
Shots Per Foot	r 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						
					<u> </u>	- I - I - I - I - I - I - I - I - I - I				
TUBING RECORD	Size	Set At		Packer A	.t	Liner Run	Yes No			
Date of First, Resumed Pr		hr. Pr	oducing Metho		Flowing	Pump	ing Gas Lift	Othe	r (Explain)	
Waiting on co				N/A						
Estimated Production Per 24 Hours	Oil E	bls.	Gas M/A	Vicf	Wate	r N/A	Bbls. Ga	s-Oil Ratio	Gravity \/A	
Disposition of Gas	METHOD OF CO	OMPLETION				Production Inte	rval	· · · · · · · · · · · · · · · · · · ·	_	
Vented Sold (If vented, Sumi	Used on Lease	Ι χ	Open Hole Other (Specify	Perf.	SIGW	ually Comp.	Commingled		•	

Drillers Log

Hopkins #11-1-16-24

RECEIVED KANSAS CORPORATION COMMISSION

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

JUL 2 8 2003

Section 1-T16S-R24E

Miami, Co. Kansas API #15-121-27676

CONSERVATION DIVISION WICHITA, KS

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 ½" 15.50#/ft., set at 504' (packer rubber)

Formation	Driller Log Tops	Datum
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	and that the
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

KANSAS CORPORATION COMMISSION NUMBER 🐃 gudan e sellene en jaren eta bereka bereka eta erabet 90 or evening a first to the con-But the weeks of the same of the what - CONSOLIDATED OIL WELL SERVICES, INC. 8 --JUL 2 8 2003 OCATION 211 W. 14TH STREET, CHANUTE, KS: 66720 acc 620-431-9210 OR 800-467-8676 TREATMENT REPORT CONSERVATION DIVISION PREMAN Skiller dans $x(t_{i}^{t+1})$ WICHITA, KS 117.3 COUNTY MI 1. July 1. **OWNER** OPERATOR 1619 MAILING ADDRESS CONTRACTOR DISTANCE TO LOCATION ZIP CODE 130/M TIME ARRIVED ON LOCATION TIME LEFT LOCATION WELL DATA. Je 12 % 1985 TYPE OF TREATMENT TOTAL DEPTH ACID BREAKDOWN [] SURFACE PIPE CASING SIZE PRODUCTION CASING CASING DEPTH CASING WEIGHT [] SQUEEZE CEMENTER TO A PROPERTY OF A COLD SPOTTING ... CASING CONDITION [] PLUG & ABANDON A Min elek [] PLUG BACK [] FRAC + NITROGEN TUBING SIZE [] FOAM FRAC TUBING DEPTH [] MISC PUMP TUBING WEIGHT [] NITROGEN []OTHER TUBING CONDITION PACKER DEPTH ÷ ; PRESSURE LIMITATIONS CONTROL OF -1100 (ms) THEORETICAL "" INSTRUCTED PERFORATIONS SURFACE PIPE ANNULUS LONG STRING SHOTS/FT OPEN HOLE TUBING TREATMENT VIA INSTRUCTION PRIOR TO JOB JOB SUMMARY PRESSURE SUMMARY TREATMENT RATI BREAKDOWN BPM BREAKDOWN or CIRCULATING psi FINAL DISPLACEMENT INITIAL BPM psi ANNULUS FINAL BPM MAXIMUM MINIMUM BPM psi MINIMUM MAXIMUM BPM AVERAGE psi AVERAGE BPM **psi** 5 MIN SIP psi 15 MIN SIP AUTHORIZATION TO PROCEED TITLE DATE

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

- CROSS CONTRACTOR (BRIDE)