CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32294		API No. 15 - 121-	28676-0000
Name: Osborn Energy, L.L.C.		Spot Description: N	E4 of Sec. 21 T16S R25E
Address 1: 24850 Farley		_NW _SW _NE	Sec. 21 Twp. 16 S. R. 25 ▼ East We
Address 2:			Feet from North / South Line of Section
City: Bucyrus State: KS z			Feet from
Contact Person: Curstin Hamblin			from Nearest Outside Section Corner:
042 522 0000	KCO		□NW ✓SE □SW
	3 1 2009	County: Miami	
Name: Osborn Energy, L.L.C.	JUL 3 1 2009		ne well #: 1-21
Wellsite Geologist: Curstin Hamblin	JUL 3 1 2003 CONFIDENTIAL	Field Name: Louis	
Purchaser: Akawa Natural Gas, L.L.C.			. marmaton
Designate Type of Completion:		Elevation: Ground:	1037 Kelly Bushing:
New Well Re-Entry	Workover RECEIVE	n 678	51 5 15 15 11
Oil SWD SIOW	0.2	່ ງຊາກີບ punt of Surface Pi	ipe Set and Cemented at: 25.15 Fe
Gas ENHR SIGW	AUG 10 3	Multiple Stage Ceme	nting Collar Used? Yes Vo
CM (Coal Bed Methane) Temp. A	bd.	MITA how depth se	nting Collar Used?
Dry Other	KCC AAAA	If Alternate II complet	tion, cement circulated from: 629.14
•	Expl., Cathodic, etc.)		ce w/ 95 sx c
If Workover/Re-entry: Old Well Info as follows:	ļ	•	
Operator:		Drilling Fluid Manag (Data must be collected	gement Plan AH TINS 10-5-09
Well Name:			
Original Comp. Date: Original T			ppm Fluid volume: b
Deepening Re-perf Conv. to		Dewatering method u	used:
Plug Back: Plug Back:	,	Location of fluid dispo	osal if hauled offsite:
		Operator Name	
· ·		•	License No.:
	- 7/27/2009		TwpS. R
Spud Date or Date Reached TD Recompletion Date	Completion Date or Recompletion Date	County:	Docket No.:
Kansas 67202, within 120 days of the spud dat of side two of this form will be held confidential	te, recompletion, workover or co for a period of 12 months if requ I wireline logs and geologist wel	nversion of a well. Rule uested in writing and sub I report shall be attache	a Commission, 130 S. Market - Room 2078, Wichita 82-3-130, 82-3-106 and 82-3-107 apply. Information bruitted with the form (see rule 82-3-107 for confident with this form. ALL CEMENTING TICKETS MUST pandoned wells.
All requirements of the statutes, rules and regula are complete and correct to the best of my know		ne oil and gas industry h	ave been fully complied with and the statements her
Signature: Custo Haw	bli		KCC Office Use ONLY
Title: Geologist	Date: 7-31-05	1	_ Letter of Confidentiality Received
Subscribed and sworn to before me this 35	day of July		If Denied, Yes Date:
20 09	,		
	****	<u> </u>	Geologist Report Received
Notary Public:	Jane Brewer		_ UIC Distribution
Date Commission Expires:	Notary Public		
I M	State of Kansas y Commission Expires 3	23-11	

Side Two

Operator Name: Osborn Energy, L.L.C.		Lease	Lease Name: Divine			Well #: 1-21				
Sec. 21 Twp. 16					y: Miam					
INSTRUCTIONS: Sho time tool open and clos recovery, and flow rates surveyed. Attach final	sed, flowing and shu s if gas to surface to	it-in pressures, est, along with f	whether sh	nut-in pre	ssure read	hed static leve	el, hydrostatic p	ressures, bottom	hole temper	rature, fluid
Drill Stem Tests Taken (Attach Additional Si	heets)	Yes	☑No			og Formati	ion (Top), Depth	n and Datum	☐ Sa	ımple
Samples Sent to Geological Survey		Yes	☐ Yes ☑ No		Name		Top Da)atum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☐ Yes	1		KCC JUL 3 1 2009					
List All E. Logs Run:					CONFIDENTIAL					
		Report all	CASING F		_	w Used	ction etc			
Purpose of String	Size Hole Drilled	Size Cas Set (In C	sing	We	eight . / Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Surface	10 3/4"	8 5/8"				25.15	portland			
Production	6 3/4"	4 1/2"				629.14	owc	95	100# ge	I
			DITIONAL	CEMENT	INC / SOL	FF7F DFC0D	<u> </u>			 -
Purpose: Depth Top Bottom Type of Cement #Sacks Use Perforate Plug Back TD Plug Off Zone										
			RECEIVED							
Shots Per Foot	er Foot PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perfora					Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) KCC WICHITA Pepti			T Agepth	
TUBING RECORD:	Size:	Set At:		Packer	At:	Liner Run:	☐ Yes 🗸	No		
Date of First, Resumed F	Production, SWD or Er	nhr. Pro	ducing Metho	od:	Flowing	g Pum	ping Ga	es Lift Otl	ner (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 1	Mcf	Wat	er	Bbls.	Gas-Oil Ratio		Gravity
DISPOSITIO	N OF GAS:	☐ Open		IETHOD C	DF COMPLE	_	ommingled	PRODUCTI	ION INTERV	AL:
(If vented, Subi	mit ACO-18.)	Other	(Specify)				1			

O Box 884, Chanute, KS 66720

KCC 2769.oN MA+8:01 2003 .28. ful smil bevieseA

TICKET NUMBER LOCATION OXYAL

FOREMAN___

FIELD TICKET & TREATMENT REPORT

20-431-9210	or 800-467-867	6		CEMEN	T				
DATE	CUSTOMER#	WEL	L NAME & NUM	BER	SEC	TION	TOWNSHIP	RANGE	COUNTY
7/27/09	6073	Dive	ne #1		SE	20	16	25	MI
USTOMER '		•							
0.5	borne E	menge 1	6		TRU	JCK#	DRIVER	TRUCK#	DRIVER
IAILING ADDR		1			S	6	FREMAD		
24	850 Fo	rley			4	9 <i>5</i>	CASKEN		
ITY 2		STATE'	ZIP CODE		5	a3	JAN HAR		
Bucy	1543	なら	66013						
	Ong syring	HOLE SIZE	63/4	_ HOLE DEPTH	6	39'	CASING SIZE & W	EIGHT 4/2	
:ASING DEPTI	H 62910	DRILL PIPE	·	_TUBING				OTHER	
LURRY WEIG	нт	SLURRY VOL_		WATER gal/s	k		CEMENT LEFT in	CASING 4%	e"Plus
HSPLACEMEN	17 10 BB	LDISPLACEMEN	IT PSI	MIX PSI			RATE 5BP	M	
REMARKS: E	stablis	L Circi	Markon	Mixx	Pum	2 100	A Prami	um Gel +	lush
Mi	x x Puny	6 BB	LS Tel	Itali d	Ve.	Fa	llow w/	95 s	ks our
Con	rent. FI	ush pu	mo +1	mes c	Jean	4. 0	isolace	42" Ru	bber
flug to casing TOW/ 10 BBLS Fresh water. Pressure to									
608#PSI Release prossure to Set Float Value. Check									
PI	us dept		ve me.						
	7 /						Ful	Mole	
							7		
Custon	mer Suppl	inal Wa	ten						
									

CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1.÷ 2	PUMP CHARGE Coment Pump 495	•	87000
54076	4204 45 mi	MILEAGE Pump Truck. 495		77 63
5402	629'	Casing Footage		10/c
5407A	200.937/m		3	233 °£
1126	95	owe coment		15200
1118B	1004	Premion Gol		16
4404		4/2" Rubber Plug		43 =
1107	24#	Flo Seal		472
		c 0 3 7	רטנ	
		KCC INIC	ATA	
		Koo		
		6.55	SALES TAX	1065
in 3737	Maron	- 230602	ESTIMATED TOTAL	291352

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Geological Report

Divine # 1-21

KCC
JUL 3 1 2009
CONFIDENTIAL

3630 FSL, 2310 FEL **Section:** 21-T16-R25E

Miami Co., Kansas

API#: Elevation: 15-121-28676-0000 1037' Google Earth

Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)

Spud:

7/20/2009

Production Bore Hole: 6 3/4",

Rotary Total Depth: 678 on $\frac{7}{8}/22/2009$

Drilling Fluid:

air

Surface Csg.:

8 5/8" 4 ½" set at 629.14

Production Csg.: Geologist:

Curstin Hamblin

Driller:

Brian Schwab

Formation	Driller Log Tops	Datum
Land to the state of the state		
Stark Shale	134-135'	903
Hushpuckney Shale	160-162'	877
Base Kansas City	179 '	858
Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm	. No call	
"Big Lake" Sand	288-290 ′	749
South Mound Zone	329-330 ′	708
Hepler (Wayside) Sand	344-349 '	693
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	391-395	646
Myrick Station	411-413'	626
Anna Shale (Lexington Coal Zon	411-413' e) 414-415' No call 457-458' 479-485' 592' No Call KCCW	ED 623
Peru Sand	No call	CONC
Summit Shale Zone	457-458' NIG 0	580
Mulky Coal/Shale Zone	479-485'	-041TA 558
Squirrel Sand	592' /CC.W	ICHII.
Bevier Zone	No Call	
Croweburg Zone	557 ′	480
Fleming Zone	562	475
Mineral Zone	No Call	
Cattleman Sand	570-578 ′	467
Scammon Zone	596 '	441

Tebo Zone 6211 416 660' 377 Bartlesville A Sand 678' Rotary Total Depth Drilling at 119' in the Kansas City on 7/22/2009 at 7:00am NO chromatograph, it is getting upgraded 119-128: LS: lt grey, white STARK FORMATION driller called @ 134-135' **GAS TEST @138', 0 mcf ** KCC JUL 3 1 2009 CONFIDENTIAL 135: SH: black, no gas in samples 129-138: SH: grey, black 139-148: LS: white 149-158: LS: white HUSHPUCKNEY SHALE Geologist called @160-162' **GAS TEST @178', No Increase** 162: SH: black, no gas in the samples 159-168: SH: dk grey, grey, LS: dk grey 169-178: LS: white/dk grey, SH: grey 179: BKC 179-188: SH: grey, Siltstone: lt grey 189-198: Siltstone: grey, SH: grey 199-208: SS: grey, small grained, Pyrite 209-218: SS: grey, small grained - 219=228: Siltstone: grey, SH: grey, gummy 229-238: SH: grey 239-248: Siltstone: shaley, grey 249-258: Siltstone: grey, shaley 259-268: SH: grey, some dk grey and limey 269-278: SH: grey 279-288: SH: lt grey, LS: 1' tan 289-298: SH: grey, SS: grey, small grained **GAS TEST @298', 0 MCF Total** 299-308: Siltstone: grey, shaley 309-318: Siltstone: grey, sandy 319-328: SH: grey, limey SOUTH MOUND ZONE Geologist called @329-330' TEST @338', 0 MCF Total** 330: SH: black, dk grey, poor gas in samples RECEIVED 329-338: SH: black, dk grey, no coal, SH: grey, gummy AUG 0 3 2009 HEPLER SAND Geologist called at 344-349 KCC WICHITA **GAS TEST @358', 104 MCF Total** Heavy odor, some oil, but not much **Switched to water 339-348: SS: medium grained, light grey 349-358: SS: small grained, shaley 359-368: SH: grey, 367: LS: 1t grey 369-378: LS: 1t grey, LS: brown, SH: grey, gummy

GAS TEST @378', 0 MCF, 85 MCF open flow

379-388: LS: 1t grey, Tan, bleeding oil 386-387: LS: Bleeding oil, tan WEISER SAND Geologist called at 391-395 **GAS TEST @398', 4 MCF, 89 open flow, 108 Total** 389-398: SS: grey, shaley, SS: tan, medium grained, bleeding oil, but very ratty, greasy 399-408: Siltstone: dk grey, occ. Pyrite LEXINGTON COAL ZONE Geologist called @414-415' **GAS TEST @418', 43 MCF, 132 open flow, 151 Total** lexington made some water KCC JUL 3 1 2009 CONFIDENTIAL 414: SH: black, fair to good gas in samples 409-418: LS: brown, SH: black, little coal 419-428: LS: tan, lt grey, SH: grey, SS: lt grey 429-438: LS: grey, SH: grey, limey 439-448: LS: It grey, lots of inclusions SUMMIT SHALE ZONE Geologist called @457-458' **GAS TEST @458', 0 MCF, 115 open flow, 151 Total ** 458: SH: black, poor gas in samples 449-458: LS: tan, SH: grey, black 459-468: SH: grey, some limey, Pyrite 469-478: SH: grey/limey, LS: grey/tan MULKY COAL/SHALE ZONE Geologist called @479-485' **GAS TEST @498', 0 MCF, 115 open flow, 151 Total ** and the second of the second second second of the second s LS below mulky Mulky made some water 479-488: SH: black, Coal, Pyrite, LS: brown 480: SH: dk grey/black no gas in samples 483: SH: black, poor gas in samples, Coal: good gas in samples, Pyrite SQUIRREL SAND Geologist called @592-545' 489-508: SS: tan, well cemented, medium grained 509-518: SS: tan, mica, medium grained 519-528: SS: tan, medium grained, banded, mica 529-538: SS: medium grained, tan 539-548: SS: large grained, tan, slightly bleeding oil, some breakout oil, firm BEVIER ZONE - Geologist No call RECEIVED CROWEBURG ZONE Geologist called at 557' **GAS TEST @ 558', 0 MCF, 89 MCF open flow, 151 total** AUG 0 3 2009 549-558: SH: grey, gummy, black, coal, 557: SH: black, fair gas in samples, Coal KCC WICHITA FLEMING ZONE Geologist called at 562' **GAS TEST @ 578', 0 MCF, 85 MCF open flow, 151 total ** 559-568: SH: grey, limey, Coal 562: Coal

CATTLEMAN SAND Geologist called at 570-578'

Picked up more water

**GAS TEST @ 578', 0 MCF, 85 MCF open flow, 151 total **

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569-578: SS: 1t grey, small to medium grained, some gummy and small grained
579-588: SH: grey, bright red
     584-586: SH: red
SCAMMON ZONE Geologist called at 596'
**GAS TEST @ 598', 0 MCF , 85 MCF open flow, 151 total **
589-598: SH: dk grey, Coal: black
     596: SH: poor gas in samples, Coal: excellent gas in samples
599-608: SH: grey, dk grey, SS: small grained, lt grey
609-618: SS: lt grey/white, medium grained, SH: grey
TEBO ZONE Geologist called at 621'
**GAS TEST @ 638', 0 MCF , 85 MCF open flow, 151 total **
619-628: SH: grey, dk grey
                                                                      NCC 4 1 5009
     628: SH: grey, dk grey, no gas in samples
629-638: SH: grey, dk grey, black, some coal, Pyrite
639-648: SH: grey
                                                                     CONFIDENTIAL
649-658: SH: grey, SS: 1t grey, very fine grained, well cemented
BARTELSVILLE A Geologist called at 660-675'
**GAS TEST @ 678' MCF, 0 mcf, 80 open flow, 151 total **
Makding water
659-668: SS: banded, white/grey, fine grained
669-678: SS: banded, white/grey, fine grained, SS: 1t grey, small grained, SH:
grey
Total Rotary Depth, 678 on 7/22/2009 at 2:00pm
**GAS TEST 0 678' MCF, 0 mcf, 80 open flow, 151 total **
```

Summary: Stark: Hushpuckney:

Lexington:

- 3. 3 mg

0 0

43

South Mound: 0
Wayside 104
Weiser 4

Summit: 0 Mulky: 0

Total:

RECEIVED

AUG 0 3 2009

KCC WICHITA