

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

Operator: License # 32294

Name: Osborn Energy, L.L.C.

Address 24850 Farley

City/State/Zip Bucyrus, Kansas 66013

Purchaser: Akawa Natural Gas, L.L.C.

Operator Contact Person: Steve Allee

Phone (913) 533-9900

Contractor: Name: McPherson Drilling

License: 5675

Wellsite Geologist: Rex Ashlock

Designate Type of Completion

New Well Re-Entry Workover

Oil SLD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SLD

Plug Back PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SLD or Inj?) Docket No. _____

7/24/2000 7/25/2000 8/30/2000 (D&A)

Spud Date Date Reached TD Completion Date

API NO. 15- 121-27505-0000

County Miami

- NW - SE - SW Sec. 1 Twp. 16 Rge. 24 E W

990 Feet from N (circle one) Line of Section

3430 Feet from E (circle one) Line of Section

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

Lease Name Hartman Well # 1

Field Name Paola-Rantoul

Producing Formation N/A

Elevation: Ground 995' KB N/A

Total Depth 844' PBTB N/A

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to surface w/ N/A sx cmt.

Drilling Fluid Management Plan P+H KJR 7/6/07
(Data must be collected from the Reserve Pit)

Chloride content N/A ppm Fluid volume 500+- bbls

Dewatering method used evaporation

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

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

Signature _____

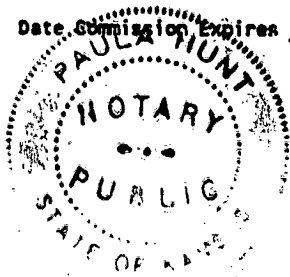
Title Geologist Date 9-6-00

Subscribed and sworn to before me this 6 day of September, 192000.

Notary Public Paula Hunt

Date Commission Expires 06/02/2001

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"/> SLD/Rep <input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other
(Specify)		



ORIGINAL

SIDE TWO

Operator Name Osborn Energy, L.L.C.

Lease Name Hartman

Well # 1

Sec. 1 Twp. 16 Rge. 24

East
 West

County Miami

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
(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:

Dual Induction Log
Dual Compensated Porosity Log

Log Formation (Top), Depth and Datums Sample
Name Top Datum

Drillers Log Attached

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	13"	10 3/4"		20'	Portland	4	

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				

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
	N/A		

TUBING RECORD	Size	Set At	Packer At	Liner Run
N/A				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj.	Producing Method
N/A	N/A <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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

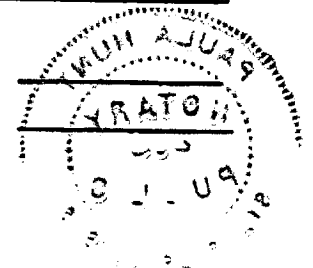
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease
(If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) D & A



McPherson Drilling - Drillers Log

API NO.
 OPERATOR: Osborn Energy
 ADDRESS:
 WELL NO. 1
 FOOTAGE LOCATION:

S T. R.
 LOCATION:
 COUNTY:

LEASE NAME: Hartman
 FROM THE NORTH LINE
 FROM THE WEST LINE

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING
 SPUD DATE: 7/24/00
 COMPLETED DATE: 7/25/00
 TOTAL DEPTH: 844' GEOLOGIST:

CASING RECORD

RECEIVED

KANSAS CORPORATION COMMISSION

SURFACE

PRODUCTION

SEP 08 2000

SIZE HOLE: 13"
 SIZE CASING: 10 3/4"
 WEIGHT:
 SETTING DEPTH: 20'
 TYPE CEMENT: Portland
 SACKS: 4

CONSERVATION DIVISION
 WICHITA, KS

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
top soil/clay	0	8	shale	401	406
lime	8	62	oil sand	406	415
shale	62	110	shale	415	450
lime	110	121	black shale	450	459
shale	121	142	shale	459	477
lime	142	157	lime	477	478
shale	157	179	sandy shale	478	516
lime	179	184	lime	516	531
shale	184	193	shale (summit)	531	549
lime	193	195	lime	549	555
shale	195	203	shale	555	567
lime	203	207	black shale	567	569
shale	207	208	shale	569	572
lime	208	232	lime	572	573
black shale	232	235 wet	sand	573	858
lime	235	269	oil sand	858	596
shale	269	276	broken sand	596	629 wet
lime	276	297	lime	629	630
shale	297	339	shale	630	693
lime	339	341	sandy shale	693	825
shale	341	388	sand	825	840
lime	388	394	sandy shale	840	844 TD
shale	394	399			
lime	399	401			

Gas Tests @	263'
	300'
	400'
	460'
	480'
	520'
	540'
	550'
	580'
	700'
	840'

COMMENTS:

1 1/2 hours Rig time for gas testing

McPherson Drilling - Drillers Log

ORIGINAL

API NO.

S T. R.

OPERATOR: Osborn Energy

LOCATION:

ADDRESS:

COUNTY:

WELL NO. 1

LEASE NAME: Hartman

FOOTAGE LOCATION:

FROM THE NORTH LINE

FROM THE WEST LINE

PRINCIPLE CONTRACTOR: MCPHERSON DRILLING

SPUD DATE: 7/24/00

COMPLETED DATE: 7/25/00

TOTAL DEPTH: 844'

GEOLOGIST:

CASING RECORD

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 08 2000

CONSERVATION DIVISION
WICHITA, KS

	SURFACE	PRODUCTION
SIZE HOLE:	13"	9 1/4"
SIZE CASING:	10 3/4"	
WEIGHT:		
SETTING DEPTH:	20'	
TYPE CEMENT:	Portland	
SACKS:	4	

WELL LOG

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
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shale	157	179	sandy shale	478	516
lime	179	184	lime	516	531
shale	184	193	shale (summit)	531	549
lime	193	195	lime	549	555
shale	195	203	shale	555	567
lime	203	207	black shale	567	569
shale	207	208	shale	569	572
lime	208	232	lime	572	573
black shale	232	235 wet	sand	573	858
lime	235	269	oil sand	858	596
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	550'
	580'
	700'
	840'

COMMENTS:

1 1/2 hours Rig time for gas testing

ORIGINAL

BLUE STAR
ACID SERVICE, INC.

PO Box 103
Eureka, Kansas 67045

Cementing Ticket
and Invoice Number

Nº 2357

Date	Customer Order No.	Sect.	Twp.	Range	Truck Called Out	On Location	Job Began	Job Completed
8-30-00		1	16S	24E	9:30 AM	1:00 PM	2:00 PM	5:30 PM
Owner		Contractor			Charge To			
Osborn Energy		Co. Tools			Osborn Energy			
Mailing Address		City			State			
24850 Farley		Bucyrus			KS 66013			
Well No. & Form		Place		County		State		
HAITMAN #1				MIAMI		KS		
Depth of Well	Depth of Job	Casing	(New) Size	Weight	Size of Hole Amt. and Kind of Cement	Cement Left in casing by	Request Necessity	
840'	840'				9 1/4		feet	
Kind of Job					Drillpipe	Rotary Cable		Truck No.
P.T.A.								UNIT # 2

Price Reference No.	# 1
Price of Job	500.00
Second Stage	
Mileage	231.00
Other Charges	
Total Charges	731.00

Remarks

Spot 20 SKS @ 840'

Spot 155 SKS 350' TO SURFACE

175 SKS TOTAL

Gel Spacer Between Plugs

Cemented Kevin McCoy

Helper Brad - Mike

District EUREKA

State KS

The above job was done under supervision of the owner, operator, or his agent whose signature appears below.

"Thank you"

[Signature]
Agent of contractor or operator

Sales Ticket for Materials Only

Quantity Sacks	BRAND AND TYPE	PRICE	TOTAL
175 SKS	Regular Class "A" Cement	6.75	1,181.25
330 #	Gel 2%	9.50	31.35
330 #	Cack 2%	.35	115.50
44 #	Flocc 1/4"	1.00	44.00
RECEIVED KANSAS CORPORATION COMMISSION			
500 #	Gel Spacer	9.50	47.50
SEP 08 2000 CONSERVATION DIVISION WICHITA, KS			
Plugs	175 SKS Handling & Dumping	.50	87.50
	8.22 Tons Mileage 110	.70	632.94
	Sub Total		2,871.04
Delivered by Truck No. # 3	Discount		
Delivered from Eureka	Sales Tax	5.9%	169.39
Signature of operator <u>Kevin McCoy</u>	Total		3,040.43