

CONFIDENTIAL

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

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

12/24/09

Operator: License # 32294
Name: OSBORN ENERGY, LLC
Address: 24850 FARLEY
City/State/Zip: BUCYRUS, KS 66013
Purchaser: AKAWA NATURAL GAS, LLC
Operator Contact Person: JEFF TAYLOR
Phone: (913) 533-9900
Contractor: Name: OSBORN ENERGY, LLC
License: 32294
Wellsite Geologist: Curstin Hamblin

CONFIDENTIAL
DEC 24 2007
KCC

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
11/19/2007 12/03/2007
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 121-28532 -00-06
County: Miami
NE NE SE Sec. 2 Twp. 16 S. R. 24 East West
2310 S feet from (S) / N (circle one) Line of Section
495 E feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Sears Well #: 16-2
Field Name: Paola-Rantoul
Producing Formation: MARMATON AND CHEROKEE
Elevation: Ground: 1026 Kelly Bushing: _____
Total Depth: 668' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 0 to 453
feet depth to 20 w/ 6 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) AKANS 4005
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
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 of 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: Curstin Hamblin
Title: Geologist Date: 12/24/2007
Subscribed and sworn to before me this 24th day of December,
2007
Notary Public: Jane Brewer
Date Commission Expires: 3-23-11

Jane Brewer
Notary Public
State of Kansas
My Commission Expires 3-23-11

KCC Office Use ONLY
Y Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
DEC 27 2007
CONSERVATION DIVISION
WICHITA, KS

Operator Name: OSBORN ENERGY, LLC Lease Name: Sears Well #: 16-2
 Sec. 2 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

WELL LOG ATTACHED

CONFIDENTIAL
CONFIDENTIAL
 DEC 2 2007
 KCC KCC

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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	6	WATER
PRODUCTION	9 1/4"	7"	17 #	453	Consolidated	Ticket	Attached
LINER							

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 27 2007
CONSERVATION DIVISION
WICHITA KS

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

Date of First, Resumerd Production, SWD or Enhr. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
-----------------------------------	-----------	---------	-------------	---------------	---------

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

Geological Report

Sears # 16-2

2310 FSL, 495 FEL
Section 2-T16S-R24E
Miami Co., Kansas
API# 121-28532-0000
Elevation: 1026' GL, according to kcc
Drilling Contractor: Osborn Energy, L.L.C (Lic. # 32294)
Spud: 11-19-2007
Production Bore Hole:
Rotary Total Depth: 668', on 12/3/2007
Drilling Fluid: air
Surface Casing: 10' 3/4"
Production Csg.: 7" set to 453'
Geologist: Curstin Hamblin

CONFIDENTIAL
DEC 24 2007
KCC

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Stark Shale	262'	764'
Hushpuckney Shale	290'	736'
Base Kansas City	316'	710'
Knobtown Sand	No call	
Carbonaceous Zone in Tacket Fm.	No call	
"Big Lake" Sand	'	
South Mound Zone	456'	570'
Hepler (Wayside) Sand	No call	
"Upper" Mulberry Zone	No call	
Mulberry Zone	No call	
Weiser Sand	'	
Myrick Station	'	
Anna Shale (Lexington Coal Zone)	537'	489'
Peru Sand	No call	
Summit Shale Zone	572'	454'
Mulky Coal/Shale Zone	597-616'	429'
Squirrel Sand	'	
Rotary Total Depth	668'	358'

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 27 2007

CONSERVATION DIVISION
WICHITA KS

Drilling at 100' at 10:00am on 11/20/2007
Background Gas (BG) 6.2 units

100-110: Shale: grey
110-116: Shale: grey
116-126: Shale: grey
126-136: Shale: dk grey, LS: lt. grey
136-146: LS: lt grey, tan, Shale: dk grey
146-156: Shale: dk grey, LS: some lt grey and tan
156-166: Shale: lt grey, some black, LS: some tan/white
166-176: Shale: grey
176-186: Shale: grey
186-196: Shale: dk grey
196-206: Shale: grey, LS: some tan/white
206-216: LS: lt grey/grey, Shale: dk grey
216-226: Shale: dk grey, LS: some lt grey
226-236: Shale: dk grey
236-246: Shale: grey, some black LS: white
246-256: LS: lt grey, Shale: some black

STARK FORMATION Geologist called @ 262', gas kick to 9.4 units, 3.4 over BG
BG gas now running at 7.5 units

256-266: Shale: black, grey, LS: occ. lt. grey

269: ***Gas kick to 9.3 BG now running at 6.6 units
***Started to get water, now drilling with water
266-276: LS: lt grey, Shale: black
276-286: LS: lt grey, marbled

HUSHPUCKNEY SHALE Geologist called @ 290', kick to 9.2 units, 3.6 units over BG
BG now running at 6.0 units

286-296: Shale: black, LS: lt grey, dark grey
296-306: LS: lt grey, Shale, dark grey
306-316: LS: lt grey, Shale, black, dark grey
316-326: Shale: grey, gummy
326-336: Shale: dk grey, LS: lt grey
336-346: Shale: dk grey, black, LS: lt grey
348: ***Gas kick to 18.4 units, 12.4 units over BG
BG running at 6.2 units
346-356: Shale, dk grey, gummy
356-366: Shale, dk grey, LS: lt grey w/ calcite in fractures
366-376: LS: dk grey
376-386: Shale: dk grey
386-396: Shale: dk grey, LS: lt grey, white
396-406: Shale: dk grey, lt grey
406-416: Shale: dk grey, gummy
412: *** Gas kick to 19.3 units, 9 units over BG
BG running at 10.9 units
416-426: SAND, LS: dk grey, lt grey
426-436: SAND, LS: grey, Shale, grey
436-446: LS: grey, lt grey, some tan, Shale: grey, some black
446-456: Shale: grey, LS: grey

CONFIDENTIAL
DEC 24 2007
KCC

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 27 2007

CONSERVATION DIVISION
WICHITA, KS

SOUTH MOUND ZONE Geologist called @ 456', gas kick to 20.4 units, 9.5 over BG

****GAS TEST @ 466', 29 MCF 29 Total****

456-466: Shale, black w/ gas bubbles in water- fair to poor, visible pyrite, grey, LS: grey

****Stopped drilling at 466'

****Resumed drilling at 466' November 30, 2007 at 2:10pm

BG at 15.5 units

466-476: SAND: lt grey, white, LS: occ. Lt grey

476-486: SAND: lt grey, white, well rounded

****GAS TEST @ 493', 0 MCF Total****

486-496: SH: grey, occ. Black, SAND: tan, lt grey, LS: grey

496-506: SH: lt grey, gummy, LS: white, tan

506-516: SAND: tan, grey, white, SH: some gummy

516-526: SH: silty and gummy

526-536: SH: very gummy, lots of PYRITE, Sand: tan

WEISER SAND

LEXINGTON COAL ZONE Geologist called @537', kick to 23.2 units, 7.7 over BG

****GAS TEST @ 420', 6 MCF 35 Total****

BG running at 30.8

537: no gas bubbles

536-546: SH: black, grey, some coal, SAND: tan

546-556: LS: white, lt grey, SH: some black

556-566: LS: white, SH: grey

SUMMIT SHALE ZONE Geologist called @ 572', kick to 45.6 units, 15.5 over BG

574: few gas bubbles, poor to fair

****GAS TEST @ 593' 3 MCF, 38 Total ** the u-tube was moving up and down- like kicks of air or gas 3 MCF is the average**

566-576: SH: black, grey, gummy, PYRITE

576-586: SH: grey, gummy, black, PYRITE

586-596: SH: gummy, some black

MULKY COAL/SHALE ZONE Geologist called @ 597'-616'

****GAS TEST @ 618' 6 MCF, 44 Total ****

597: fair gas bubbles

596-606: SH: black, grey

606-616: SH: grey, black, lots of PYRITE, SAND: some

Stopped drilling at 4:55 on 11/30/07 at 618'

Resumed drilling at 10:00am on 12-3-2007 at 618'

616-626: SAND: tan, grey, SH: grey, LS: tan, grey

626-636: SAND: grey, SH: black

636-646: SAND: grey, SH: grey, black

646-656: SAND: grey, SH: grey, black, LS: tan, grey

656-668: SAND: grey, SH: occ grey, black

Total Rotary Depth, 668' on 12/3/2007

****GAS TEST @ 668', 27 MCF total****

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 27 2007

CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
OIL WELL
SERVICES, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 218541

Invoice Date: 11/23/2007 Terms: Page 1

OSBORN ENERGY LLC
24850 FARLEY
BUCYRUS KS 66013
(913)533-9900

SEARS 16-2
15837
11-21-07

CONFIDENTIAL
DEC 24 2007
KCC

Part Number	Description	Qty	Unit Price	Total
1118B	PREMIUM GEL / BENTONITE	368.00	.1500	55.20
1124	50/50 POZ CEMENT MIX	98.00	8.8500	867.30

Description	Hours	Unit Price	Total
495 CEMENT PUMP	1.00	840.00	840.00
495 EQUIPMENT MILEAGE (ONE WAY)	40.00	3.30	132.00
495 CASING FOOTAGE	453.00	.00	.00
503 MIN. BULK DELIVERY	1.00	285.00	285.00

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 27 2007
CONSERVATION DIVISION
WICHITA, KS

Parts:	922.50	Freight:	.00	Tax:	60.43	AR	2239.93
Labor:	.00	Misc:	.00	Total:	2239.93		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

U

CONSOLIDATED OIL WELL SERVICES, INC.
P.O. BOX 884, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

TICKET NUMBER 15837
LOCATION Ottawa
FOREMAN Alan Mader

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-21-07	6073	Seass 16-2	2	16	24	Mi
CUSTOMER Osborn Energy			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 24850 Farley			516	Alan M		
CITY STATE ZIP CODE Bucyrus KS			495	Casey K		
			503	Eric L		

JOB TYPE long string HOLE SIZE 9 1/4 HOLE DEPTH 416 CASING SIZE & WEIGHT 7"
CASING DEPTH 453 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 18.6 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established rates. Mixed & pumped 200# gel to flush hole. Mixed & pumped 100 gx 50/50 poz, 2# gel behind 12 bbl of dye. Circulated dye to surface. Displaced casing with 18 1/4 bbl clean water. Closed valve. Circulated cement to surface.

CONFIDENTIAL
DEC 24 2007

Customer supplied water.

Alan Mader

KCC

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	840.00
5406	40	MILEAGE	495	132.00
5402	453'	casing footage	495	—
5407	min	ton miles	503	285.00
1118B	368#	gel		55.20
1124	98 gx	50/50 poz		867.30
				2179.50
				6.50%
			SALES TAX	60.43
			ESTIMATED TOTAL	2239.93

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 27 2007
CONSERVATION DIVISION
WICHITA KS

Brian Schuch

AUTHORIZATION _____

TITLE 218541

DATE _____