

FEB 19 2000

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

API NO. 15- 091-228490001 CONSERVATION DIVISION
WICHITA, KS

County Johnson
- NE - NE - SE Sec. 16 Twp. 14 Rge. 24 X E
W
2310 feet from (S)N (circle one) Line of Section
330 feet from (E)W (circle one) Line of Section

Operator: License # 32294

Name: OSBORN ENERGY L.L.C.

Address: 9401 Indian Creek Pkwy., #40, Suite 440

City/State/Zip Overland Park, KS 66210

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

Operator Contact Person: Steve Allee

Phone (913) 327-1831

Contractor: Name: R.S. Glaze Drilling Co.

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion

 New Well Re-Entry X Workover

 Oil SWD SLOW Temp. Abd.

 X Gas ENHR SIGW

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

If Workover:
* Operator: OSBORN ENERGY, L.L.C.

Well Name: Garrett 1-16

Comp. Date 5/28/98 Old Total Depth 1360'

 Deepening X Re-perf. Conv. to Inj/SWD

 Plug Back PBDT

 Commingled Docket No.

 Dual Completion Docket No.

 Other (SWD or Inj?) Docket No.

* 4/2/99 5/6/98 waiting on completion
Spud Date Date Reached TD Completion Date

Footages Calculated from Nearest Outside Section Corner

NE, (SE), NW or SW (circle one)

Lease Name Garrett Well # 1-16

Field Name un-named

Producing Formation N/A

Elevation: Ground 1068' KB

Total Depth 1360' PBDT

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from 1265

feet depth to surface w/ 221 sx cmt.

ALTZ-WM-2/25/08

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content NA ppm Fluid volume 550 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 [Signature]

Title Geologist Date 6-16-99

Subscribed and sworn to before me this 16th day of June, 19 99.

Notary Public Susan Forward

Date Commission Expires 4-10-02

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
 (Specify)

SUSAN L. FORWARD
Notary Public
State of Kansas
My Appt. Expires 4-10-02

SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Garrett Well # 1-16
 Sec. 16 Twp. 14 Rge. 24 East County Johnson
 West

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

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

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
4	1012-1014	50 gal 15% HCl/fracture 30K, sand	1012 1014
* 4	1012-1014		

TUBING RECORD	Size 2 3/8"	Set At 1255'	Packer At	Liner Run	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date of First, Resumed Production, SWD or Inj.	N/A	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil N/A	Bbl.	Gas Mcf	Water 125	Bbls. Gas-Oil Ratio Gravity

Disposition of Gas Vented Sold Used on Lease

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval _____

(If vented, submit ACO-18.) Other (Specify) _____

PO# 88445 ORIGINAL

LOG-TECH, INC.
 1011 240th Ave.
 HAYS, KANSAS 67601
 (785) 625-3858

5676

Date 4/2/1999

CHARGE TO: Osborn Energy, L.L.C.
 ADDRESS _____
 R/A SOURCE NO. _____ CUSTOMER ORDER NO. _____
 LEASE AND WELL NO. Bill Garrett No. 1-16 FIELD _____
 NEAREST TOWN Stillwell COUNTY Johnson STATE KS
 SPOT LOCATION 2310' FSL & 330' FEL SEM SEC. 16 TWP. 15S RANGE 24E
 ZERO Ground Level CASING SIZE 4 1/2" WEIGHT _____
 CUSTOMER'S T.D. 1253 LOG TECH _____ FLUID LEVEL 760
 ENGINEER B. Prylie OPERATOR R. Bollig

PERFORATING					
Description	No. Shots	From	Depth To	Amount	
Perforate w/ 3 3/4" 90 gram 4 per ft.	8	1012	1014	866	00
RECEIVED KANSAS CORPORATION COMMISSION					
FEB 00 2000					
CONSERVATION DIVISION WICHITA KS					

DEPTH AND OPERATIONS CHARGES					
Description	Depth From	To	Total No. Ft.	Price Per Ft.	Amount

MISCELLANEOUS		
Description	Quantity	Amount
Service Charge <u>Truck Rental</u>		450 00

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

Customer Signature R. R. [Signature] Date _____

Sub Total	1316	00
Code Ref. Tool Insurance		
Tax		
Less Discount if paid within 30 days	746	00
Total	570	00

COPY FEB 00 2000

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Wellsite Geologist: Rex Ashlock

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 Oil SWD 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/SWD

Plug Back _____ PBDT _____

Commingled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Inj?) _____ Docket No. _____

5/4/98 5/6/98 5/28/98
Spud Date Date Reached TD Completion Date

API NO. 15- 091-228490000 CONSERVATION DIVISION
WICHITA, KS

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330 feet from W (circle one) Line of Section

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Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

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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 [Signature]

Title Geologist Date 10-20-98

Subscribed and sworn to before me this 20th day of October, 1998.

Notary Public [Signature]

Date Commission Expires 4-10-02

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

SUSAN L. FORWARD
Notary Public
State of Kansas
My Appt. Expires 4-10-02

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Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Drillers Log Attached		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E.Logs Run: Neutron/Density Porosity and Dual Induction				

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	10 3/4"	8 5/8"	24.0	20'	Portland	8	None
Production	6 3/4"	4 1/2"	9.5	1266.5	50/50 Poz	221	2% gel, 3% gil, and 1% flo-seal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
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