

ORIGINAL 28 2001

NOV 10 1998

FORM MUST BE TYPED

SIDE ONE

FROM CONFIDENTIAL

API NO. 15- 091-228660000

CONFIDENTIAL

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

County Johnson
- SW - SW - NW Sec. 34 Twp. 14 Rge. 24 E W
2970 feet from N (circle one) Line of Section
4950 feet from W (circle one) Line of Section

Operator: License # 32294
Name: OSBORN ENERGY L.L.C
Address: 9401 Indian Creek Pkwy., #40, Suite 440

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

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

Lease Name Osborn (Jones) Well # 1-34
Field Name Stillwell
Producing Formation Bartlesville
Elevation: Ground 1008' KB _____
Total Depth 960' PBTD _____
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 960 Feet
depth to surface w/ 165 sx cmt.

Designate Type of Completion
 New Well Re-Entry Workover
 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 _____ PBTD _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____
8/3/98 8/6/98 8.15.98
Spud Date Date Reached TD waiting on completion
Completion Date

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STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
NOV 30 1998

Drilling Fluid Management Plan AH-2, 1-5-99 UIC
(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 Susan L. Forward
Title Geologist Date 11/25/98
Subscribed and sworn to before me this 25th day of November, 1998.
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

ORIGINAL

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SIDE TWO

Operator Name Osborn Energy, L.L.C. Lease Name Osborn Well # 1-34
Sec. 34 Twp. 14 Rge. 24 County Johnson

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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	Well Log Attached		
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KCC		
List All E.Logs Run: Neutron/Density Porosity and Dual Induction		NOV 10 1998		
		CONFIDENTIAL		

Casing Record		<input checked="" 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	10 3/4"	7"	24.0	20'	Portland	7	None
Production	6 3/4"	4 1/2"	9.5	946'	Class A	165	2% Gilsonite, 2% gel 2% flo-seal, 2% CaCl

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Waiting completion	Producing Method 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 N/A Bbl.	Gas SIGW Mcf	Water N/A 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) _____ SIGW

PURCHASE ORDER

ORDER
93

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ORIGINAL

TO Tom Osborn

SHIP TO R.S. Glaze Dr.

ADDRESS

25139 S Victoria

CITY P.O. # 97953

ADDRESS Spring Hill Rd
CITY 66083

REQ. NO.	FOR	DATE QUOTED	YEAR	HOW SHIP	DATE
	OSBORN TOUES	8-1-98			8/31/98
1	960' to 1010' @ 6.50' per ft.				6240.
2	Surface casing 20' @ 7.00' per ft.				140.
3	Contract for surface				50.
4	15 hrs. bitume, sealing surface, cleaning				
5	out, circulating logging @ 125.00' per hr.				1875
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
total Amt Due					\$ 8305
Thanks, Sue					
PAID					
CHECK NO. 2589					
AMOUNT 32922.50					
DATE 9/3/98					
PLEASE SEND COPIES OF YOUR INVOICE WITH ORIGINAL BILL OF LADING					
OUR ORDER NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES, ETC.					
PLEASE NOTIFY US IMMEDIATELY IF YOU ARE UNABLE TO SHIP COMPLETE ORDER BY DATE SPECIFIED.					
PURCHASING AGENT					

RECEIVED
NOV 3 9 1998
CONSISTENT DIVISION
Michigan, Kansas

KCC
NOV 10 1998
CONFIDENTIAL

CONSOLIDATED INDUSTRIAL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 316-431-9210 or 800-467-8676

ORIGINAL

TICKET NUMBER 08181
 LOCATION Osborn, Kc
 FOREMAN Jim Brown

CONFIDENTIAL TREATMENT REPORT

APL 15-091-228W-0000

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
8-7-98	6023	Osborn/Toner	4-34	34	14	24	30	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	6 3/4"
TOTAL DEPTH	962'
CASING SIZE	4 1/2"
CASING DEPTH	946 B.H. @ 936'
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS	
THEORETICAL	INSTRUCTED
SURFACE PIPE	
ANNULUS LONG SPRING	
TUBING	

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INSTRUCTIONS PRIOR TO JOB P.O. # 97967

JOB SUMMARY
 DESCRIPTION OF JOB EVENTS Establish circulation mix and pump 15 bbls KCL under mix and pump 50 Class A cement with 2 3/4 gal, 2 2 gilsore, 2 2 F10-seal, 2 2 Calcium chloride. Flush pump/line of cement. Pump 4 1/2" rubber plugs to total depth of casing (at 936') Check with wire line set float circulating cement to surface.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE x PRESSURE x 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

CONFIDENTIAL
WELL DRILLERS LOGGING REPORT

15-091-22866-00-00

KCC

THICKNESS FORMATION TOTAL DEPTH COMMENTS

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THICKNESS	FORMATION	TOTAL DEPTH	COMMENTS
20	Surface	20	
44	Lime	64	
18	Shale	82	
6	Lime	88	
17	Shale	105	
2	Red Bed	107	
5	Shale	112	RELEASED
1	Red Bed	113	FROM
9	Shale	122	CONFIDENTIAL
4	Lime	126	
31	Shale	157	
4	Lime	161	
6	Shale	167	
2	Lime	169	
10	Shale	179	
20	Lime	199	
1	Shale	200	
2	Lime	203	
2	Shale	205	
1	Blk Shale	206	tested -0-gas
2	Shale	208	
21	Lime	229	
2	Shale	231	
1	Blk Shale	232	tested -0-gas
3	Lime	235	
5	Shale	240	
12	Lime	252	HERTHA
11	Shale	263	
8	Sand	271	tested -0-gas
86	Shale	357	
3	Sand	360	tested -0-gas (WATER)
8	Sand/shale	368	
24	Shale	392	
1	Lime	393	
26	Shale	419	
7	Red Bed (green)	426	
9	Shale	435	
6	Lime	441	

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STATE OF KANSAS COMMISSION
NOV 30 1998
CONSERVATION DIVISION
Wichita, Kansas

tested -0-gas

tested -0-gas

HERTHA

tested -0-gas

tested -0-gas (WATER)

OSBORN/Jones
#1-34
34-14-24E

WELL DRILLERS LOGGING REPORT

THICKNESS FORMATION TOTAL DEPTH COMMENTS

4	Shale	445	
3	Lime	448	
7	Shale	455	
6	Lime	461	
3	Sand	464	
6	Shale	470	
7	Shale(Dark)	477	
6	Lime	482	
2	Blk slate	484	
5	Lime(SANDY)	489	
8	Lime	497	tested @ 500 - 0 - gas
4	Shale	501	
9	Red Bed	510	
7	Shale	517	
2	Lime	519	
1	Blk slate	520	tested - 0 - gas
3	Shale(Dark)	523	
19	Shale	542	
6	Sand	548	
3	Sandy lime	551	
4	Shale(SANDY)	555	
104	Shale	659	
1	Sand	660	tested @ 660 41,000 CFM
8	Sand	668	test @ 660 130,000 CFM
1	Blk slate	669	670
18	Shale	687	
5	Shale(SANDY)	692	
26	Shale	718	
1	(Coal)	719	
11	Shale	730	
8	Shale(Dark)	738	
	Shale	750	
1	Blk slate	751	
16	Sand	757	tested @ 760 69,000
23	Shale	780	
1	Lime	781	
11	Shale	792	
4	Sandy shale	796	

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11/3/98

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OSBORN/JONES 1-34

