

**CONFIDENTIAL**

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

4/2/14

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 33640  
Name: Haas Petroleum, LLC  
Address 1: 11551 Ash Street, # 205  
Address 2: \_\_\_\_\_  
City: Leawood State: KS Zip: 66211 + \_\_\_\_\_  
Contact Person: Mark Haas  
Phone: ( 913 ) 499-8373  
CONTRACTOR: License # 33557  
Name: Skyy Drilling, LLC  
Wellsite Geologist: GGR, Inc.  
Purchaser: Plains Marketing, LP

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., 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       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

March 6, 2012	March 9, 2012	March 15, 2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-28029-00-00  
Spot Description: \_\_\_\_\_  
SW\_NW\_SW\_NE Sec. 35 Twp. 23 S. R. 14  East  West  
1,670 Feet from  North /  South Line of Section  
2,390 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Woodson  
Lease Name: Arnold Well #: 8 HP  
Field Name: Winterscheid  
Producing Formation: Mississippian  
Elevation: Ground: 1132 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1722' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 1707' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 0'  
feet depth to: 41' w/ 50 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls  
Dewatering method used: \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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**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 TIPS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**AFFIDAVIT**

I am the affiant and I hereby certify that 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: Operator Date: March 29, 2012

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: 4-2-12 to 4-2-14  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: NY Date: 4-2-12

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Operator Name: Haas Petroleum, LLC Lease Name: Arnold Well #: 8 HP  
 Sec. 35 Twp. 23 S. R. 14  East  West County: Woodson

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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	12 1/4	8 5/8		40'	Regular	50	
Long String	6 3/4	4 1/2	9.50#	1727	Poz Mix	235	60/40

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 <i>(Amount and Kind of Material Used)</i>	Depth
	Open Hole Log	<b>CONFIDENTIAL</b> APR 02 2012 <b>KCC</b>	
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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <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 _____

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Skyy Drilling, L.L.C.  
Park Place – Becker Building  
11551 Ash Street, Suite # 205  
Leawood, Kansas 66221  
Office (913) 499-8373  
Fax (913) 766-1310

March 26, 2012

Company: Haas Petroleum, LLC  
Lease: Arnold – Well # 8 HP  
County: Woodson  
Spot: SW NW SW Sec 35, Twp 23, 14 E  
Spud Date: March 6, 2012  
API: 15-207-28029-00-00  
TD: 1722'

3/6/12: Build location, dig pits, move rig #3 in and rig up. Pump water. Drill rat hole. Spud 12 ¼ surface hole. Drilled from 0' to 41' TD. TD @ 41' cir hole clean. Trip out 12 ¼ bit. Rig and ran 40' of 8 5/8 casing. Plug down @ 11:00 PM. Wait on cement 8 hours. Breakout, nipple up. Trip in 6 ¾ bit drilled out approx. 5' cement. Under surface @ 5:45 AM – 3/7/12.  
3/7/12: Drilled from 41' to 746'.  
3/8/12: Drilled from 746' to 1722' TD. Mud up @ 1200' – CFS 1634. TD hole 1722', mix mud for log. Short trip 12 joints. Cir hole 1 hour. Trip out of hole with bit. Rig up for loggers.  
3/9/12: Log hole. Rig out loggers. Nipple down. Lay down drill pipe and collars out of derrick. Rig & ran 1707' of 4 ½ casing. Rig up cementers and cemented.

Total Footage 1722' @ \$13.00 Per Foot	\$22,386.00
Total Rig Time 24 Hours @ \$250.00 Per Hour	\$ 6,000.00
10 Hours Dozer Time @ \$100.00 Per Hour	<u>\$ 1,000.00</u>
<b>TOTAL DUE:</b>	<b>\$29,386.00</b>

Rig Time:  
4 Hours Surface Job  
12 Hours Logging, Tripping, Mixing  
8 Hours Laying Down, Running Casing, Cementing

8 Hours Wait on Cement – NO CHARGE

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**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 36305  
LOCATION Eureka  
FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-6-12	3451	Arnold #8-HP	35	235	14E	Woodson
CUSTOMER			TRUCK #			
Haas Petroleum LLC			DRIVER			
MAILING ADDRESS			TRUCK #			
11351 Ash St. Ste 205			DRIVER			
CITY						
Leawood						
STATE						
KS						
ZIP CODE						
66211						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 40' CASING SIZE & WEIGHT 8 3/8  
 CASING DEPTH 40' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 2bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 8 3/8 casing. Break circulation w/ fresh water. Mix 6 sacks Class A Cement w/ 3% Cacl2, 2% Gel at 14.5 lbs/gal. Displace with 2bbls fresh water. Shut well in. Good cement return to surface. Job complete Rig down

*Thank you.*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	825.00	825.00
5406	45	MILEAGE	4.00	180.00
11045	50 sacks	Class A Cement	14.95	747.50
1102	94#	Cacl2 2%	.74	69.56
1115B	94#	Gel 2%	.21	19.74
5407	2.35 TONS	Tandem Bulk Truck	150.00	350.00
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			Sub Total	2191.80
			SALES TAX	61.09
			ESTIMATED TOTAL	2252.89

RAVIN 3737 048300 2.3% AUTHORIZATION [Signature] TITLE Toolpusher DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 36387

LOCATION Eureka, KS

FOREMAN Shannon Felk

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-9-12	3451	Arnoid # 8-HP	35	235	14 E	woodsah
CUSTOMER <u>Haas Petroleum LLC</u>			SKYR DRLO			
MAILING ADDRESS <u>11551 Ash St Ste 205</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY <u>Leawood</u> STATE <u>KS</u> ZIP CODE <u>66211</u>			520	John S		
			479	Merle R		
			637	Dave G		

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 1722 CASING SIZE & WEIGHT 4 1/2" @ 9.50#  
 CASING DEPTH 1721' K.B. DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.2 SLURRY VOL 64 Bbl WATER gal/sk 7.0 CEMENT LEFT in CASING 10.15  
 DISPLACEMENT 28.4 Bbl DISPLACEMENT PSI 700 BUMP PLUG MIX PSI 1200 RATE 5 BPM

REMARKS: Rig up to 4 1/2" casing, Break circulation w/10 Bbl water. Mixed 235 SKS 60/40 Pozmix Cement w/5# Kolseal/sk, 4% gel, 1# PhenoSeal per SK, + 1% calcium @ 13.2#/gal. Shut down wash out pump & lines & displace with 28.4 Bbl water. Final pumping pressure of 700psi, bumped plug to 1200psi. Good circulation @ all times with 7 Bbl good slurry to pit. Plug & Float held good. Job Complete.

THANKS SHANNON CREW !!

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	45	MILEAGE	4.00	180.00
1131	235 SKS	60/40 Pozmix Cement	12.55	2949.25
1118B	809 #	Gel @ 4% <b>CONFIDENTIAL</b>	.21	169.89
1110A	1175 #	Kol-seal @ 5#/SK <b>APR 02 2014</b>	.46	540.50
1107A	235 #	PhenoSeal @ 1#/SK	1.29	303.15
1102	203 #	Calcium @ 1% <b>KCC</b>	.74	150.22
5407A	10.1 Tons	Ton mileage bulk Truck	1.34	609.03
5502C	3 HRS	80 Bbl Vac Truck <b>RECEIVED</b>	90.00/HR	270.00
1123	3000 gals	City Water <b>APR 02 2014</b>	16.50/1000	49.50
4404	1	4 1/2" Rubber Plug	45.00	45.00
4310	1	4 1/2" Baffle Plate <b>KCC WICHITA</b>	63.00	63.00
		Sub Total		6359.54
		7.3% SALES TAX		311.76
		ESTIMATED TOTAL		6671.30

Ravin 3737

AUTHORIZATION Ron W... TITLE Toolpusher DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form