

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33966  
 Name: Samson Resources Company  
 Address: Two West Second Street  
 City/State/Zip: Tulsa, OK 74103  
 Purchaser: N/A  
 Operator Contact Person: Erik Block  
 Phone: (918) 591-1531  
 Contractor: Name: Trinidad Drilling LP  
 License: 33784  
 Wellsite Geologist: N/A  
 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: N/A  
 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. \_\_\_\_\_  

<u>2/19/08</u>	<u>2/28/08</u>	<u>N/A</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

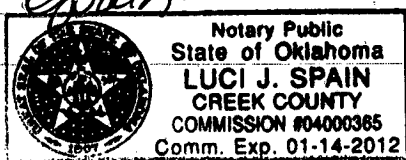
API No. 15 - 187-21117-00-00  
 County: Stanton  
 S/2 SW NW SE Sec. 3 Twp. 29 S. R. 41  East  West  
1450 feet from S N (circle one) Line of Section  
2310 feet from E W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Ptarmigan Well #: 3-1  
 Field Name: Wildcat / Arroyo  
 Producing Formation: N/A  
 Elevation: Ground: 3375 3381 Kelly Bushing: 13' AGL  
 Total Depth: 5800' Plug Back Total Depth: N/A  
 Amount of Surface Pipe Set and Cemented at 1695' KB Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ w/ PTA \_\_\_\_\_ sx cmf.  
**Drilling Fluid Management Plan** AH 1 NCR 8-6-08  
 (Data must be collected from the Reserve Pit)  
 Chloride content 500 ppm Fluid volume +/- 5-6000 bbls  
 Dewatering method used Evaporation & Backfill  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: N/A  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*Per CP 23  
ads. in  
logs  
KCC  
mu  
8/10/08*

**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: Erik Block  
 Title: Drilling Engineer Date: 4/17/08  
 Subscribed and sworn to before me this 18th day of April  
 2008  
 Notary Public: Luci J. Spain  
 Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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 KANSAS CORPORATION COMMISSION  
**JUL 28 2008**

Operator Name: Samson Resources Company Lease Name: Plarmigan Well #: 3-1  
 Sec. 3 Twp. 29 S. R. 41  East  West County: Stanton

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	Lower Morrow Sand	5410'	WLM
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lower Morrow Keyes	5490'	WLM
List All E. Logs Run:		St. Louis	5670'	WLM
Array Compensated Resistivity Log				
Spectral Density Dual Spaced Neutron Log				
Array Sonic Log				
Microlog				

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	12 1/4"	8 5/8"	24	1685' <b>1700'</b>	Midcon -2 Premium Plus	500	3% CaCl2; 1% FWCA; 1/4 pps LCM
				<i>Subst. Tail</i> →	Premium Plus	110	2% CaCl2; 1/8 pps LCM

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 checked="" type="checkbox"/> Plug Off Zone	1713', 602', 63'	40/60:Poz/Premium	50, 40, 20	2% Gel

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
N/A			

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TUBING RECORD		Size	Set At	Packer At	Liner Run
N/A					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	N/A	N/A	N/A		

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented, Submit ACO-18.)*    Other (Specify)    Dry Hole



Samson Plaza  
Two West Second Street  
Tulsa, Oklahoma 74103-3103  
USA  
918/583-1791

July 25, 2008

Kansas Corporation Commission  
130 S. Market-Room 2078  
Wichita, Kansas 67202

*Handwritten initials*

RE: Ptarmigan #3-1  
3-29S-41W  
Stanton County, KS

*API #: 15-187-2117-0000*

Dear Kansas Corporation Commission:

Please find enclosed the original and two copies of the following documents for the above referenced well:

*Checked at  
Edna - she  
said she  
rec'd copy  
on 7/26/08  
PH*

- ✓ • Well Completion Form ACO-1
- ✓ • Well Plugging Record CP-4
- ✓ • Well Logs
- ✓ • Cementing Job Summary

Please contact me at [pholland@samson.com](mailto:pholland@samson.com) or (918) 591-1682.

Respectfully,

*Patricia A. Holland*  
Patricia A. Holland  
Regulatory Technician

Enclosures

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JUL 28 2008

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 345114		Ship To #: UNKNOWN		Quote #:		Sales Order #: 5693081					
Customer: SAMSON RESOURCES CORP EBUSINESS				Customer Rep:							
Well Name: Ptarmigan			Well #: 3-1		API/UWI #:						
Field:		City (SAP): UNKNOWN		County/Parish: Stanton		State: Kansas					
Legal Description: Section 3 Township 29S Range 41W											
Job Purpose: Cement Surface Casing											
Well Type: Development Well				Job Type: Cement Surface Casing							
Sales Person: LOVING, MATTHEW			Srcv Supervisor: CHAVEZ, ERIK		MBU ID Emp #: 324693						
<b>Job Personnel</b>											
HES Emp Name		Exp Hrs	Emp #	HES Emp Name		Exp Hrs	Emp #				
ARCHULETA, MIGUEL A		8.0	226381	BROADFOOT, RYAN Matthew		9.3	431899				
COBLE, RANDALL Gene		8.0	347700	EVANS, JOSHUA Allen		44.3	427571				
GREGORIO, MIGUEL P		9.8	442124	MENDOZA, VICTOR		8.0	442596				
CHAVEZ, ERIK Adrain		9.3	324693	GRAVES, JEREMY L		9.0	399155				
TORRES, CLEMENTE		44.3	344233								
<b>Equipment</b>											
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way				
10243558	90 mile	10244148	90 mile	10251401C	90 mile	10415642	90 mile				
10825713	90 mile	10897857	90 mile	6610U	90 mile	6612	90 mile				
75821	90 mile	D0565	90 mile								
<b>Job Hours</b>											
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours			
TOTAL								Total is the sum of each column separately			
<b>Job</b>				<b>Job Times</b>							
Formation Name				Date		Time	Time Zone				
Formation Depth (MD) Top		Bottom		Called Out		22 - Feb - 2008	08:00	CST			
Form Type		BHST		On Location		22 - Feb - 2008	11:30	CST			
Job depth MD		1692.2 ft	Job Depth TVD	1692.2 ft	Job Started		22 - Feb - 2008	19:00	CST		
Water Depth		Wk Ht Above Floor		4. ft	Job Completed		22 - Feb - 2008	20:30	CST		
Perforation Depth (MD) From		To		Departed Loc		22 - Feb - 2008	21:45	CST			
<b>Well Data</b>											
Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Surface Hole				11.					1750.		
Surface Casing	Used		8.625	8.097	24.	STC	J-55		1750.		
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>											
Description				Qty	Qty uom	Depth	Supplier				
SHOE,GID,8-5/8 BRD				1	EA						
CLR,FLT,8-5/8 BRD 24-44PPF,2-3/4SSII				1	EA						
CENTRALIZER ASSY - API - 8-5/8 CSG X				12	EA						
CLP,LIM,8 5/8,FRICT,WTH DOGS				1	EA						
KIT,HALL WELD-A				1	EA						
BASKET-CMT-8-5/8 CSG-SLIP-ON-S				1	EA						
PLUG,CMTG,TOP,8 5/8,HWE,7.20 MIN/8.09 MA				1	EA						

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JUL 28 2008

Summit Version: 7.20.130

Friday, February 22, 2008 21:07:00

CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

# Cementing Job Summary

Tools and Accessories															
Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make		
Guide Shoe					Packer					Top Plug					
Float Shoe					Bridge Plug					Bottom Plug					
Float Collar					Retainer					SSR plug set					
Insert Float										Plug Container					
Stage Tool										Centralizers					
Miscellaneous Materials															
Gelling Agt			Conc		Surfactant			Conc		Acid Type		Qty	Conc	%	
Treatment Fld			Conc		Inhibitor			Conc		Sand Type		Size	Qty		
Fluid Data															
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk				
1	Water Spacer				20.00	bbl	8.33			.0					
2	Lead Cement	MIDCON-2 CEMENT PREMIUM PLUS - SBM (15079)			500.0	sacks	11.4	2.95	18.08		18.08				
	0.1 %	WG-17, 50 LB SK (100003623)													
	3 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)													
	0.25 lbm	POLY-E-FLAKE (101216940)													
	18.082 Gal	FRESH WATER													
3	Tail Cement	CMT - PREMIUM PLUS CEMENT (100012205)			110.0	sacks	14.8	1.34	6.32		6.32				
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)													
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)													
	0.125 lbm	POLY-E-FLAKE (101216940)													
	6.321 Gal	FRESH WATER													
4	Displacement				105.00	bbl	8.33			.0					
5	Top Out Cement	CMT - PREMIUM PLUS CEMENT (100012205)			200.0	sacks	14.8	1.32	6.32		6.32				
	94 lbm	CMT - PREMIUM PLUS - CLASS C REG OR TYPE III, BULK (100012205)													
	6.315 Gal	FRESH WATER													
Calculated Values				Pressures				Volumes							
Displacement				Shut In: Instant				Lost Returns		Cement Slurry		Pad			
Top Of Cement				5 Min				Cement Returns		Actual Displacement		Treatment			
Frac Gradient				15 Min				Spacers		Load and Breakdown		Total Job			
Rates															
Circulating				Mixing				Displacement				Avg. Job			
Cement Left In Pipe				Amount				40 ft Reason				Shoe Joint			
Frac Ring # 1 @				ID				Frac ring # 2 @				ID			
Frac Ring # 3 @				ID				Frac Ring # 4 @				ID			
The Information Stated Herein Is Correct						Customer Representative Signature									

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CONSERVATION DIVISION  
WICHITA, KS

# HALLIBURTON

## Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 345114		Ship To #: UNKNOWN		Quote #:		Sales Order #: 5693081		
Customer: SAMSON RESOURCES CORP EBUSINESS				Customer Rep:				
Well Name: Ptarmigan			Well #: 3-1		API/UWI #:			
Field:		City (SAP): UNKNOWN		County/Parish: Stanton		State: Kansas		
Legal Description: Section 3 Township 29S Range 41W								
Lat: N 0 deg. OR N 0 deg. 0 min. 0 secs.				Long: E 0 deg. OR E 0 deg. 0 min. 0 secs.				
Contractor:			Rig/Platform Name/Num: 210					
Job Purpose: Cement Surface Casing					Ticket Amount:			
Well Type: Development Well			Job Type: Cement Surface Casing					
Sales Person: LOVING, MATTHEW			Srcv Supervisor: CHAVEZ, ERIK			MBU ID Emp #: 324693		
Activity Description	Date/Time	Cnt #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/20/2008 20:30							
Pre-Convoy Safety Meeting	02/20/2008 22:15							
Arrive At Loc	02/21/2008 00:30							TRIPPING OUT OF HOLE WITH DRILL PIPE UPON ARIVAL
Arrive At Loc	02/21/2008 01:30							BULK TRUCKS
Pre-Rig Up Safety Meeting	02/21/2008 01:35							
Rig-Up Equipment	02/21/2008 01:45							SPOT IN
Rig-Up Equipment	02/21/2008 02:00							CASING CREW SAFTY MEETING & RIG UP THEIR OWN EQUIPMENT
Start In Hole	02/21/2008 03:00							PICK UP 1st JOINT OF CASING INSTALL GUIDE SHOE, CENTRALIZER IN MIDDLE OF JOINT
Customer or Customer Sub-Contractor Equip Problem	02/21/2008 03:10							WHILE ATTEMPTING TO GET CENTRALIZER THROUGH FLOOR ELAVATORS CAME UNLATCHED&DROPPE D JOINT
Wait on Customer or Customer Sub-Contractor Equip	02/21/2008 04:30							INFORMED OF PROBLEM, ATEMPTING TO FIND FISHING CREW
Wait on Orders - End Time	02/21/2008 08:45							
Crew Leave Location	02/21/2008 09:30							PUMP TRUCK AND 2 BULK TRUCKS LEFT ON LOCATION

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WICHITA KS

Sold To #: 345114

Ship To #: UNKNOWN

Quote #:

Sales Order #:

5693081

SUMMIT Version: 7.20.130

Friday, February 22, 2008 09:07:00

# HALLIBURTON

## Cementing Job Log

Activity Description	Date/Time	Ckt #	Rate bbl/min	Volume (bbl)		Pressure (psig)		Comments
				Stage	Total	Tubing	Casing	
Rig-Up Equipment	02/21/2008 10:15							STAB CEMENT HEAD RIG CIRCULATES
Safety Meeting	02/22/2008 18:30							
Start Job	02/22/2008 19:02							SWITCH CASING OVER TO PUMP TRUCK
Test Lines	02/22/2008 19:04							4500 PSI
Pump Lead Cement	02/22/2008 19:07		6	263	0		50.0	425SK OF 11.4# SLURRY
Pump Tail Cement	02/22/2008 20:01		6	26	263		150.0	150SK OF 14.8# SLURRY
Drop Top Plug	02/22/2008 20:05				289			SHUT DOWN
Pump Displacement	02/22/2008 20:07		6	105	0		147.0	H2O
Other	02/22/2008 20:25		2		95		323.0	SLOW RATE LAST 10BBL
Bump Plug	02/22/2008 20:27		2		105		1000.0	UP TO 800 PSI
Check Floats	02/22/2008 20:29							35BBL 66 SKS CMT RETURN
End Job	02/22/2008 20:30							THANKS FOR CALLING HALLIBURTON! ERIK AND CREW.

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Sold To #: 345114

Ship To #: UNKNOWN

Quote #:

Sales Order #: 5693081

SUMMIT Version: 7.20.130

Friday, February 22, 2008 09:07:00

The Road to Excellence Starts with Safety

Sold To #: 345114	Ship To #: 2632871	Quote #:	Sales Order #: 5723331
Customer: SAMSON RESOURCES CORP EBUSINESS		Customer Rep: Brown, Guy	
Well Name: Pfarmigan	Well #: 3-1	API/UWI #:	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Contractor: Trinidad	Rig/Platform Name/Num: 210		
Job Purpose: Plug to Abandon Service			
Well Type: Development Well		Job Type: Plug to Abandon Service	
Sales Person: HAYNES, RANDY	Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARCHULETA, MIGUEL A	6.5	226381	LOPEZ, JUAN Rosales	6.5	198514	WILTSHIRE, MERSHEK T	6.5	195811

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours

TOTAL Total is the sum of each column separately

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone	
Form Type	Job depth MD	1730. ft	Job Depth TVD	1730. ft	Job Started	29 - Feb - 2008	19:00	CST
BHST	Water Depth		Wk Ht Above Floor	5. ft	Job Completed	29 - Feb - 2008	22:13	CST
Perforation Depth (MD)	From	To	Departed Loc					

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
Cement Plug									60.		
Cement Plug								600.	600.		
Cement Plug	New							1705.	1705.		
Production Hole				7.875				1619.	5100.		
Surface Casing	New		8.625	8.097	24.				1673.		
Drill Pipe X-Hole	New		4.5	3.826	16.6		X		1710.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

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Fluid Data										
<b>Stage/Plug #: 1</b>										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk	
1	PLUG AT 1705	POZ PREMIUM 40/60 - SBM (15075)	50.0	sacks	13.5	1.52	7.57		7.57	
2 %		BENTONITE, BULK (100003682)								
7.572 Gal		FRESH WATER								
<b>Stage/Plug #: 2</b>										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom	
1	PLUG AT 600	POZ PREMIUM 40/60 - SBM (15075)	40.0	sacks	13.5	1.52	7.57		7.57	
2 %		BENTONITE, BULK (100003682)								
7.572 Gal		FRESH WATER								
<b>Stage/Plug #: 3</b>										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom	
1	PLUG AT 60	POZ PREMIUM 40/60 - SBM (15075)	20.0	sacks	13.5	1.52	7.57		7.57	
2 %		BENTONITE, BULK (100003682)								
7.572 Gal		FRESH WATER								
<b>Stage/Plug #: 4</b>										
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom	
1	PLUG RAT HOLE	POZ PREMIUM 40/60 - SBM (15075)	15.0	sacks	13.5	1.52	7.57		7.57	
2 %		BENTONITE, BULK (100003682)								
7.572 Gal		FRESH WATER								
2	PLUG MOUSE HOLE	POZ PREMIUM 40/60 - SBM (15075)	10.0	sacks	13.5	1.52	7.57		7.57	
2 %		BENTONITE, BULK (100003682)								
7.572 Gal		FRESH WATER								
Calculated Values			Pressures			Volumes				
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad		
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment		
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job		
Rates										
Circulating		Mixing		Displacement			Avg. Job			
Cement Left In Pipe		Amount	43 ft	Reason	Shoe Joint					
Frac Ring # 1 @		ID	Frac ring # 2 @		ID	Frac Ring # 3 @		ID	Frac Ring # 4 @	
The Information Stated Herein Is Correct					Customer Representative Signature					

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*The Road to Excellence Starts with Safety*

Sold To #: 345114	Ship To #: 2632871	Quote #:	Sales Order #: 5723331
Customer: SAMSON RESOURCES CORP EBUSINESS		Customer Rep: Brown, Guy	
Well Name: Ptarmigan	Well #: 3-1	API/UWI #:	
Field:	City (SAP): JOHNSON	County/Parish: Stanton	State: Kansas
Legal Description:			
Lat:		Long:	
Contractor: Trinidad		Rig/Platform Name/Num: 210	
Job Purpose: Plug to Abandon Service			Ticket Amount:
Well Type: Development Well		Job Type: Plug to Abandon Service	
Sales Person: HAYNES, RANDY		Srvc Supervisor: WILTSHIRE, MERSHEK	MBU ID Emp #: 195811

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	02/29/2008 13:00							
Arrive At Loc	02/29/2008 17:00							RECEIVED KANSAS CORPORATION COMMISSION  JUL 28 2008
Pre-Job Safety Meeting	02/29/2008 17:15							
Start Job	02/29/2008 19:02							CONSERVATION DIVISION WICHITA, KS
Test Lines	02/29/2008 19:02					1500.0		
Circulate Well	02/29/2008 19:03		5.5	25		320.0		WATER
Pump Cement	02/29/2008 19:08		5.5	14		300.0		50 SKS 40/60 POZ PP @ 13.5# /// PLUG @ 1707'
Pump Displacement	02/29/2008 19:11		5.5	21		80.0		END CEMENT/// DISPLACE W/ H2O
Other	02/29/2008 19:13		6		35	210.0		END DISPLACEMENT
Pump Cement	02/29/2008 19:57		5.5	11		100.0		40 SKS 40/60 POZ PP @ 13.5# /// PLUG @ 600'
Pump Displacement	02/29/2008 19:59		5.5	6		100.0		END CEMENT /// DISPLACE W/ H2O
Other	02/29/2008 20:00		5.5		17	60.0		END DISPL.
Pump Cement	02/29/2008 21:57		3	12		30.0		20 SKS @ 60', 15 SKS RAT, 10 SKS MOUSE // 40/60 POZ PP
Other	02/29/2008 22:13		3		12	20.0		END CEMENT
End Job	02/29/2008 22:13							