

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

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- 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 #: \_\_\_\_\_

Spud Date or  
Recompletion Date

Date Reached TD

Completion Date or  
Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West\_\_\_\_\_ Feet from  North /  South Line of Section\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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/ \_\_\_\_\_ 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 #: \_\_\_\_\_

**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.

Submitted Electronically

**KCC Office Use ONLY** Letter of Confidentiality Received

Date: \_\_\_\_\_

 Confidential Release Date: \_\_\_\_\_ Wireline Log Received Geologist Report Received UIC DistributionALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input 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

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed 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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	PARSONS TRUST 3207 11-2H
Doc ID	1145907

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
CONDUCTOR	26	18	47.76	60	1/2 Portland Cmmt	36	15% Fly Ash
Surface	12.25	9.625	36	696	Class C	340	See attached
Intermediate	8.75	7	23	4624	Class C	185	See attached
Liner	6.125	4.5	11.6	9607	Class H	435	See attached

## SHELL GULF OF MEXICO, INC. (34574)

## PARSONS TRUST 3207 11

**PETE MARTIN DRILLING (34645)**  
 (SET THE CONDUCTOR)

2-H conductor

2-H mouse Hole

Call in DATE OF SPUD

4/18/2012

spud in date

4/19/2012

4/22/2012

T.D date

4/19 12

4/22/2012

Size Hole Drilled

26"

20"

Size Casing Set (in O.D )

18"

14"

conductor wall thickness

.250

.188

Weight Lbs./Ft.

47.76ppf

27.76

Setting Depth

59'

78'

Type of Cement

Type 1\2 Portland cement

Type 1\2 Portland cement

Cubic yards of cement

8cy

5cy

2500 PSI Grout Mix

yes

yes

Type and Percent of Additives

15%fly ash

15% fly ash

Comments

0-3' dirt 3'-40' clay 40'-59 sand  
water@25'0-3' dirt 3'-40' red clay 40'-  
56'sand 56'-62' gray clay 62'-78'  
red clay water@25'

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 22-SEP-12	F.R. # 1001935759	SERV. SUPV. JUSTIN D STAMPER
LEASE & WELL NAME PARSONS TRUST 3207 #11-2H - API 150772182500	LOCATION 11-32S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 774		TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
9-5/8" Top Cem Plug, Nitrile cvr, Phe	Shoe PROVIDED BY CUSTOMER						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
WATER			8.34				20	
CLASS C+2%CACL2+.25#CELLOFLK		340	14.8	1.35	6.34	03:45	82	51.61
Water			8.34				50	
Available Mix Water <u>1000</u> Bbl.		Available Displ. Fluid <u>1000</u> Bbl.		TOTAL			<u>152</u>	<u>51.61</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		701	8.921	9.625	36	CSG	696	696	J-55	696	651	

LAST CASING					PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID	
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
											9.625	8RD	WATER BASED MU	8.6

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	RIG
50	BBLS	Water	8.34	100					3160	1500	RIG

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: ARRIVE ON LOCATION, WAIT ON RIG**

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 3300 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
01:30						ARRIVE ON LOCATION	
18:30						SAFETY MEETING	
19:16	3300				WATER	TEST LINES, START WATER AHEAD	
19:22	80		4	20	WATER	FINISH WATER, START SLURRY	
19:43	50		4	82	SLURRY	FINISH SLURRY, SHUT DOWN, DROP PLUG AND DISPLACE	
19:54	230		4	40	WATER	SLOW TO BUMP PLUG	
19:56	230		2	10	WATER	BUMP PLUG, PRESSURE TO 1000 PSI	
19:57						BLEED OFF RECIVED .25 BBLS BACK TO TRUCK	
						FLOAT HOLDING	
						THANK YOU FOR USING BHI	
						JUSTIN STAMPER AND CREW	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1000	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	20	151	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 13-OCT-12	F.R. # 1001940295	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME PARSONS TRUST 3207 #11-2H - API 150772182500	LOCATION 11-32S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 774		TYPE OF JOB Intermediate

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
7" Top Cem Plug, Nitrile cvr, Phen	Provided by Customer						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Sealbond Spacer			8.45				40	
C15:85:8 +10%NACL +.25PPS Celloflake +4PPS Koals		100	12.4	2.45	13.51		45	33.17
C:50:50:2 +5%NACL +.25 PPS Celloflake +4PPS Koals		85	14.2	1.32	5.66		23	13.18
Water			8.34				182	

Available Mix Water	500	Bbl.	Available Displ. Fluid	400	Bbl.	TOTAL	290	46.36
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HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		4624	6.366	7	23	CSG	4624	4421	L-80			

LAST CASING				PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
8.9	9.625	36	CSG	689	689			4600	4600	7	8 RD	WATER BASED MU	9

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
183.5	BBLS	Water	8.34	587					6000	3000	

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Arrive at 00:00, TOOH, Rig up casing crew, Running casing

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4120 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:00						Arrive on Location	
16:45				40	SPACER	rig pumps sealbond spacer	
17:02	4120				WATER	test pumps & lines	
17:05	205		3		LEAD	open well/start lead slurry @ 12.4ppg	
17:22	73		3	45	LEAD	end lead slurry/start tail slurry @ 14.2ppg	
17:31	93		3	23	TAIL	end tail slurry/shutdown	
17:33	79		3		WATER	drop TRP/start displacement	
18:04	108		3	117	WATER	bbls pumped when caught cement	
18:21	658		2	182	WATER	shutdown/ no bump	
18:32	0			-5		check floats/ holding/ .5bbls return	
						Calculated top of tail is 3952'	
						Calculated top of lead is 2265	
						Thanks for Using BHI Pressure Pumping	
						Jonathan Schulz & Crew	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	587	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	0	290	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 23-OCT-12	F.R. # 1001941918	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME PARSONS TRUST 3207 #11-2H - API 150772182500	LOCATION 11-32S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 774		TYPE OF JOB Liner

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
	Provided by Customer						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
SealBond Spacer			8.45				40	
H50:50 + 3%Salt+ .5%FL-62+ .5%FL-52A+ .6%SMS		435	14.3	1.24	5.54	03:30	99	58.91
Displacement			8.34				124	
Available Mix Water <u>400</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		TOTAL			<u>263</u>	<u>58.91</u>

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		9617	3.34	4	14	DP	4140	4140				
			3.428	4	11.6	LNR	9607	4421	P-110			

LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.4	7	23	CSG	4624	4624						2	1502	WATER BASED MU	8.4

DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	Rig Tank
124	BBLS	Displacement	8.34	800					8552	5000	Rig Tank

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Arrive on location @ 100, Running Casing, Tripping in with Drillpipe

PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 6000 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
01:00						Arrive on location					
15:30				40	SPACER	rig pumps sealbond spacer					
15:44	6000				WATER	test pumps & lines					
15:51	454		3		SLURRY	openn well/start slurry @ 14.3ppg					
16:12	276		4	99	SLURRY	end slurry/ shutdown					
16:14					WATER	wash pumps & lines					
16:18	106		6		WATER	drop TRP/start displacement					
16:27	490		3	43	WATER	bbls pumped when first plug landed					
16:46	1777		3	124	WATER	bump plug shutdown					
16:47	4500				WATER	pressure up to psi to set packer					
16:52	0			-2		check floats/ holding/ 2 bbls return					
17:06	4500				WATER	test backside/ hold ten minutes					
17:20	4370					end test/ bleed off pressure					
17:30						release well to rig to circulate hole					
						Thanks for using BHI Pressure Pumping					
						Jonathan Schulz & Crew					

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1777	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	263	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



# Survey Report

Service Company: Calmena

Location: Harper

Well: Parsons Trust 3207 11-2H

Rig: Nabors 744

API or UWI:

Job Number: OK12144

State: Kansas

Operating Company: Shell Exploration and Production Co.

County: Harper

Magnetic Declination: 0.00

Comment:

Proposed Azimuth: 140.05

North Reference: GRID

**Tie-In Data:**

MD	Inclination	Azimuth	TVD	NS	EW
65.00	0.00	0.00	65.00	0.00	0.00

**Survey Data:**

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
65.20	0.00	0.00	65.20	0.00	0.00	0.00	0.00	0.00	0.00
105.00	0.40	219.70	105.00	-0.11	-0.09	219.70	0.14	0.02	1.01
136.00	0.70	113.00	136.00	-0.26	0.02	176.44	0.26	0.21	2.90
169.00	1.10	142.20	168.99	-0.59	0.40	146.26	0.71	0.71	1.81
201.00	2.00	132.20	200.98	-1.21	1.00	140.51	1.57	1.57	2.93
231.00	2.60	132.70	230.96	-2.02	1.89	137.02	2.77	2.76	2.00
262.00	3.30	137.80	261.92	-3.16	3.00	136.49	4.36	4.35	2.41
293.00	3.80	137.80	292.86	-4.58	4.29	136.89	6.28	6.27	1.61
324.00	4.50	138.00	323.78	-6.25	5.80	137.16	8.52	8.51	2.26
355.00	4.80	137.50	354.67	-8.11	7.49	137.29	11.04	11.02	0.98
386.00	4.90	137.10	385.56	-10.03	9.26	137.29	13.66	13.64	0.34
418.00	5.30	140.60	417.44	-12.18	11.13	137.57	16.50	16.48	1.58
448.00	5.50	142.30	447.30	-14.39	12.89	138.14	19.32	19.31	0.85
479.00	5.50	139.70	478.16	-16.69	14.76	138.52	22.28	22.28	0.80
510.00	6.10	142.40	509.00	-19.13	16.72	138.84	25.41	25.41	2.13
542.00	6.20	142.90	540.82	-21.86	18.80	139.29	28.83	28.83	0.35
572.00	6.20	147.40	570.64	-24.51	20.65	139.88	32.06	32.06	1.62
603.00	5.40	150.90	601.48	-27.20	22.27	140.70	35.15	35.15	2.82
647.00	5.20	160.10	645.30	-30.88	23.95	142.20	39.08	39.06	1.98
706.00	5.40	159.30	704.04	-35.99	25.84	144.32	44.31	44.19	0.36
801.00	4.40	138.20	798.70	-42.89	29.85	145.16	52.26	52.05	2.15
896.00	2.60	137.20	893.52	-47.19	33.75	144.43	58.02	57.85	1.90
990.00	2.80	115.80	987.42	-49.76	37.26	143.17	62.16	62.07	1.09
1085.00	2.90	115.90	1082.30	-51.81	41.51	141.30	66.39	66.38	0.11
1179.00	2.30	96.10	1176.21	-53.05	45.53	139.37	69.91	69.91	1.14
1274.00	2.30	78.70	1271.13	-52.88	49.29	137.01	72.29	72.19	0.73
1368.00	2.40	80.10	1365.05	-52.18	53.08	134.51	74.43	74.08	0.12
1463.00	2.00	76.70	1459.98	-51.45	56.65	132.25	76.53	75.82	0.44
1558.00	2.20	80.50	1554.92	-50.77	60.06	130.21	78.65	77.49	0.26
1652.00	2.00	77.90	1648.86	-50.13	63.45	128.31	80.86	79.17	0.24
1747.00	2.30	75.00	1743.79	-49.29	66.91	126.38	83.10	80.75	0.34
1841.00	0.20	86.80	1837.76	-48.79	68.90	125.30	84.42	81.64	2.24
1936.00	0.10	190.20	1932.76	-48.86	69.05	125.29	84.59	81.79	0.26



MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
2028.00	0.00	170.10	2024.76	-48.94	69.03	125.33	84.62	81.85	0.11
2121.00	0.30	241.80	2117.76	-49.06	68.82	125.48	84.51	81.80	0.32
2307.00	0.60	213.80	2303.75	-50.10	67.85	126.44	84.34	81.97	0.20
2493.00	0.40	251.70	2489.75	-51.11	66.69	127.47	84.02	82.00	0.20
2683.00	0.60	264.40	2679.74	-51.41	65.07	128.31	82.93	81.20	0.12
2870.00	0.60	266.20	2866.73	-51.57	63.12	129.25	81.51	80.07	0.01
3060.00	0.70	244.30	3056.72	-52.14	61.08	130.49	80.31	79.19	0.14
3249.00	1.00	236.30	3245.70	-53.56	58.67	132.39	79.44	78.73	0.17
3438.00	1.20	206.40	3434.66	-56.25	56.42	134.91	79.66	79.34	0.32
3627.00	1.40	211.60	3623.62	-59.99	54.33	137.83	80.93	80.87	0.12
3721.00	1.10	222.70	3717.59	-61.63	53.11	139.24	81.36	81.35	0.41
3753.00	1.20	219.60	3749.59	-62.11	52.69	139.69	81.45	81.45	0.37
3784.00	1.10	205.40	3780.58	-62.63	52.36	140.11	81.63	81.63	0.97
3816.00	2.20	185.90	3812.57	-63.52	52.16	140.61	82.19	82.19	3.81
3848.00	4.20	172.00	3844.52	-65.29	52.26	141.33	83.63	83.61	6.66
3879.00	6.10	164.50	3875.39	-68.00	52.86	142.14	86.13	86.07	6.49
3910.00	8.30	159.20	3906.14	-71.68	54.09	142.96	89.80	89.69	7.41
3941.00	10.80	154.10	3936.71	-76.39	56.16	143.68	94.81	94.62	8.51
3973.00	13.20	156.20	3968.01	-82.43	58.94	144.43	101.33	101.04	7.62
4004.00	15.70	156.90	3998.03	-89.52	62.02	145.29	108.91	108.45	8.08
4036.00	18.30	157.00	4028.63	-98.13	65.68	146.21	118.08	117.40	8.13
4067.00	20.60	156.00	4057.86	-107.60	69.80	147.03	128.25	127.30	7.50
4099.00	23.00	155.60	4087.57	-118.43	74.67	147.77	140.01	138.74	7.51
4130.00	25.80	154.60	4115.79	-130.05	80.07	148.38	152.72	151.11	9.13
4162.00	28.70	154.80	4144.24	-143.29	86.33	148.93	167.29	165.28	9.07
4194.00	31.80	153.90	4171.88	-157.82	93.31	149.41	183.34	180.90	9.79
4225.00	34.70	152.90	4197.80	-173.01	100.93	149.74	200.30	197.44	9.52
4257.00	37.80	151.80	4223.60	-189.77	109.71	149.97	219.20	215.92	9.90
4288.00	40.70	151.20	4247.61	-207.00	119.07	150.09	238.80	235.15	9.43
4320.00	43.70	150.40	4271.31	-225.76	129.56	150.15	260.30	256.26	9.52
4351.00	46.50	150.00	4293.19	-244.81	140.47	150.15	282.25	277.88	9.08
4383.00	49.40	149.70	4314.62	-265.36	152.41	150.13	306.01	301.29	9.09
4414.00	52.00	149.60	4334.26	-286.06	164.53	150.09	330.00	324.94	8.39
4446.00	55.80	149.80	4353.11	-308.38	177.57	150.07	355.85	350.42	11.89
4477.00	58.20	150.10	4369.99	-330.88	190.59	150.06	381.84	376.03	7.78
4509.00	61.40	150.30	4386.08	-354.88	204.33	150.07	409.50	403.25	10.01
4540.00	64.30	150.20	4400.23	-378.82	218.02	150.08	437.08	430.40	9.36
4572.00	67.70	150.30	4413.24	-404.20	232.52	150.09	466.31	459.17	10.63
4633.00	74.30	150.80	4433.09	-454.40	260.86	150.14	523.95	515.84	10.85
4665.00	79.20	149.30	4440.42	-481.37	276.41	150.14	555.09	546.51	15.98
4696.00	85.10	148.60	4444.66	-507.67	292.24	150.07	585.78	576.84	19.16
4728.00	90.80	147.90	4445.80	-534.85	309.06	149.98	617.73	608.48	17.95
4759.00	93.00	148.50	4444.77	-561.18	325.39	149.89	648.69	639.14	7.36
4791.00	92.50	147.40	4443.24	-588.28	342.35	149.80	680.64	670.80	3.77
4822.00	94.20	145.50	4441.42	-614.06	359.45	149.66	711.53	701.55	8.22
4854.00	96.30	142.60	4438.50	-639.86	378.15	149.42	743.25	733.34	11.16
4885.00	96.70	141.60	4434.99	-664.16	397.07	149.13	773.81	764.12	3.46
4917.00	96.70	141.50	4431.25	-689.05	416.84	148.83	805.32	795.89	0.31
4948.00	94.70	139.80	4428.17	-712.90	436.39	148.53	835.86	826.73	8.45
4980.00	92.40	138.40	4426.19	-737.04	457.30	148.18	867.38	858.66	8.41
5011.00	92.00	137.70	4425.00	-760.08	478.01	147.83	897.89	889.62	2.60
5043.00	92.00	137.90	4423.89	-783.77	499.49	147.49	929.40	921.58	0.62
5052.00	92.10	137.40	4423.56	-790.42	505.55	147.40	938.27	930.56	5.66
5083.00	91.70	136.80	4422.54	-813.11	526.64	147.07	968.77	961.50	2.33
5115.00	91.70	136.10	4421.59	-836.30	548.68	146.73	1000.22	993.43	2.19

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5146.00	91.40	135.30	4420.75	-858.47	570.32	146.40	1030.65	1024.33	2.76
5177.00	91.40	135.10	4419.99	-880.46	592.16	146.08	1061.07	1055.21	0.64
5208.00	91.20	134.10	4419.29	-902.22	614.23	145.75	1091.46	1086.06	3.29
5240.00	91.70	134.00	4418.48	-924.47	637.22	145.42	1122.80	1117.87	1.59
5334.00	92.20	133.80	4415.28	-989.61	704.91	144.54	1215.00	1211.28	0.57
5427.00	89.80	134.40	4413.66	-1054.31	771.68	143.80	1306.55	1303.75	2.66
5521.00	89.80	133.10	4413.99	-1119.31	839.58	143.13	1399.20	1397.18	1.38
5615.00	90.60	135.50	4413.66	-1184.96	906.85	142.57	1492.15	1490.70	2.69
5708.00	90.30	134.30	4412.93	-1250.60	972.72	142.12	1584.36	1583.32	1.33
5802.00	89.70	135.60	4412.93	-1317.01	1039.25	141.72	1677.66	1676.95	1.52
5896.00	89.60	138.00	4413.50	-1385.53	1103.59	141.46	1771.33	1770.79	2.56
5990.00	89.60	137.70	4414.16	-1455.22	1166.67	141.28	1865.15	1864.72	0.32
6081.00	89.30	136.60	4415.03	-1521.93	1228.55	141.09	1955.92	1955.59	1.25
6175.00	88.80	139.40	4416.59	-1591.77	1291.44	140.95	2049.76	2049.51	3.03
6268.00	91.20	142.10	4416.59	-1663.77	1350.27	140.94	2142.75	2142.49	3.88
6361.00	87.40	139.90	4417.73	-1736.02	1408.78	140.94	2235.72	2235.45	4.72
6453.00	90.40	140.50	4419.49	-1806.69	1467.65	140.91	2327.68	2327.42	3.33
6547.00	89.50	139.50	4419.57	-1878.69	1528.07	140.88	2421.67	2421.42	1.43
6640.00	92.40	140.60	4418.03	-1949.97	1587.77	140.85	2514.63	2514.39	3.33
6734.00	93.00	140.70	4413.60	-2022.58	1647.30	140.84	2608.53	2608.28	0.65
6827.00	90.40	140.50	4410.84	-2094.40	1706.30	140.83	2701.48	2701.23	2.80
6921.00	90.90	140.60	4409.78	-2166.98	1766.03	140.82	2795.47	2795.22	0.54
7015.00	90.70	140.40	4408.47	-2239.51	1825.81	140.81	2889.46	2889.21	0.30
7109.00	90.10	140.20	4407.81	-2311.83	1885.86	140.79	2983.45	2983.20	0.67
7203.00	90.80	140.30	4407.07	-2384.10	1945.96	140.78	3077.45	3077.20	0.75
7297.00	91.30	141.10	4405.35	-2456.83	2005.49	140.78	3171.43	3171.18	1.00
7391.00	91.00	140.40	4403.46	-2529.60	2064.95	140.77	3265.41	3265.15	0.81
7422.00	90.30	139.90	4403.11	-2553.40	2084.81	140.77	3296.41	3296.15	2.77
7485.00	87.40	139.30	4404.37	-2601.36	2125.63	140.75	3359.37	3359.13	4.70
7579.00	88.40	138.50	4407.82	-2672.15	2187.38	140.70	3453.26	3453.04	1.36
7672.00	89.60	138.90	4409.44	-2742.00	2248.75	140.64	3546.19	3546.00	1.36
7766.00	89.20	137.80	4410.43	-2812.24	2311.22	140.59	3640.11	3639.95	1.25
7860.00	87.50	137.30	4413.13	-2881.57	2374.63	140.51	3733.94	3733.82	1.89
7954.00	88.10	136.60	4416.74	-2950.21	2438.75	140.42	3827.69	3827.61	0.98
8048.00	87.70	135.50	4420.19	-3017.83	2503.95	140.32	3921.36	3921.32	1.24
8141.00	90.40	136.40	4421.73	-3084.66	2568.59	140.22	4014.07	4014.06	3.06
8235.00	90.90	135.80	4420.66	-3152.39	2633.77	140.12	4107.83	4107.83	0.83
8328.00	92.20	136.00	4418.15	-3219.15	2698.46	140.03	4200.55	4200.55	1.41
8422.00	91.20	135.40	4415.36	-3286.39	2764.08	139.93	4294.24	4294.23	1.24
8516.00	91.50	134.70	4413.14	-3352.90	2830.47	139.83	4387.88	4387.85	0.81
8611.00	90.80	133.70	4411.24	-3419.11	2898.57	139.71	4482.41	4482.33	1.28
8706.00	90.30	133.20	4410.32	-3484.44	2967.53	139.58	4576.85	4576.70	0.74
8800.00	91.50	132.40	4408.85	-3548.30	3036.49	139.44	4670.20	4669.93	1.53
8895.00	89.80	132.00	4407.77	-3612.11	3106.86	139.30	4764.44	4764.03	1.84
8989.00	88.80	131.60	4408.92	-3674.76	3176.93	139.16	4857.65	4857.05	1.15
9084.00	87.80	130.80	4411.74	-3737.30	3248.37	139.00	4951.70	4950.88	1.35
9178.00	87.20	130.60	4415.84	-3798.54	3319.57	138.85	5044.65	5043.54	0.67
9273.00	89.10	130.10	4418.90	-3860.02	3391.93	138.69	5138.57	5137.13	2.07
9368.00	90.00	129.70	4419.65	-3920.95	3464.81	138.53	5232.47	5230.64	1.04
9463.00	90.50	130.00	4419.23	-3981.82	3537.74	138.38	5326.40	5324.14	0.61
9557.00	91.50	129.70	4417.59	-4042.05	3609.89	138.23	5419.36	5416.64	1.11
9569.00	91.80	130.40	4417.25	-4049.77	3619.08	138.21	5431.23	5428.45	6.34

# T32S, R7W, 6th P.M.

# SGOMI

1/2" Rebar  
NAD 27 Kansas South  
N: 224637.93  
E: 2128776.24

1/2" Rebar  
NAD 27 Kansas South  
N: 224687.76  
E: 2131420.13

5/8" Rebar  
NAD 27 Kansas South  
N: 224737.86  
E: 2134063.71

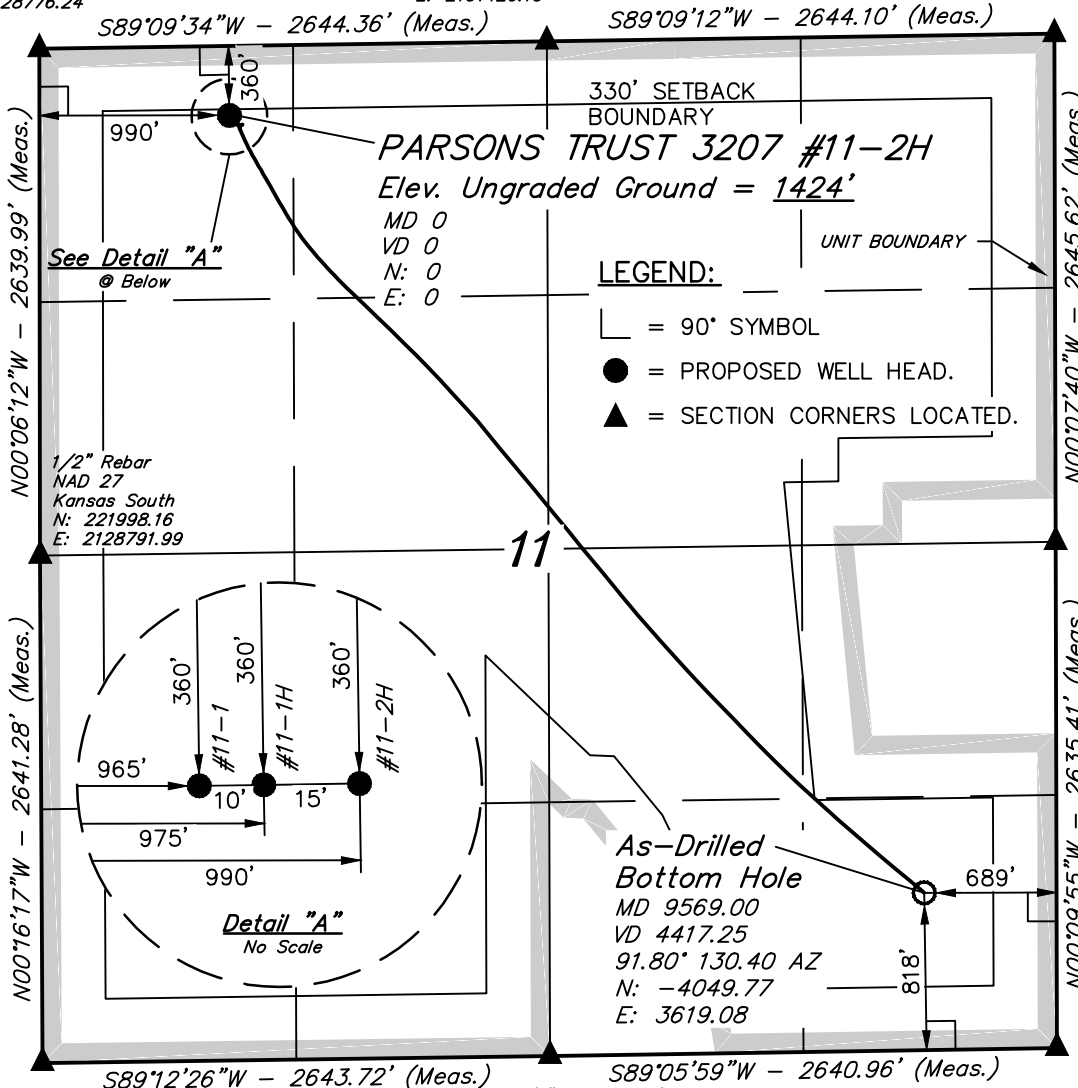
Well location, PARSONS TRUST 3207 #11-2H, located as shown in the NW 1/4 NW 1/4 of Section 11, T32S, R7W, 6th P.M., Harper County, Kansas.

## BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert S. Smith*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 1451  
 STATE OF KANSAS 06-11-13

1/2" Rebar, 1.5" Below  
Ground in Gravel Road  
Intersection  
NAD 27 Kansas South  
N: 219356.97  
E: 2128815.59

3/4" Rebar, 0.8" Below  
Ground in Gravel Road  
NAD 27 Kansas South  
N: 219404.62  
E: 2131458.84

5/8" Rebar  
NAD 27 Kansas South  
N: 219457.25  
E: 2134099.14

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

NAD 83 (#11-2H AS-DRILLED BOTTOM HOLE) LATITUDE = 37°16'14.55" (37.270708) LONGITUDE = 98°02'30.86" (98.041906)	NAD 83 (#11-2H SURFACE LOCATION) LATITUDE = 37°16'54.61" (37.281836) LONGITUDE = 98°03'15.60" (98.054333)
NAD 27 (#11-2H AS-DRILLED BOTTOM HOLE) LATITUDE = 37°16'14.48" (37.270689) LONGITUDE = 98°02'29.64" (98.041567)	NAD 27 (#11-2H SURFACE LOCATION) LATITUDE = 37°16'54.54" (37.281817) LONGITUDE = 98°03'14.38" (98.053994)
STATE PLANE NAD 27 (KANSAS SOUTH) N: 220262.16 E: 2133404.14	STATE PLANE NAD 27 (KANSAS SOUTH) N: 224296.43 E: 2129768.45

SCALE 1" = 1000'	DATE SURVEYED: 06-05-13	DATE DRAWN: 06-06-13
PARTY L.S. D.S. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SGOMI	

## Summary of Changes

Lease Name and Number: PARSONS TRUST 3207 11-2H

API/Permit #: 15-077-21825-01-00

Doc ID: 1145907

Correction Number: 1

Approved By: Deanna Garrison

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	696
Approved By	NAOMI JAMES	Deanna Garrison
Approved Date	09/10/2012	06/18/2013
CasingAdd_Type_PctPDF_1	15% Fly Ash	Attached
CasingNumbSacksUsedPDF_1	36	Attached
CasingPurposeOfStringPDF_1	CONDUCTOR	Attached
CasingSettingDepthPDF_1	60	Attached
CasingSizeCasingSetPDF_1	18	Attached
CasingSizeHoleDrilledPDF_1	26	Attached
CasingTypeOfCementPDF_1	1/2 Portland Cmnt	Attached

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
CasingWeightPDF_1	47.76	Attached
Completion Or Recompletion Date	4/19/2012	10/23/2012
Date Reached TD	4/19/2012	10/21/2012
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combo
Formation Top Source - Log	No	Yes
Kelly Bushing Elevation	1297	1445
Liner Run?		Yes
Producing Formation	CONDUCTOR ONLY	Mississippi
Save Link	../../../../kcc/detail/operatorE ditDetail.cfm?docID=10 92987	../../../../kcc/detail/operatorE ditDetail.cfm?docID=11 45907
TopsDepth1		3988
TopsDepth2		4121

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsDepth3		4200
TopsDepth4		4264
TopsDepth5		4502
TopsName1	CONDUCTOR ONLY	Hushpuckney
TopsName2		Marmaton
TopsName3		Pawnee
TopsName4		Cherokee
TopsName5		Mississippi
Total Depth	60	4446

## Summary of Attachments

Lease Name and Number: PARSONS TRUST 3207 11-2H

API: 15-077-21825-01-00

Doc ID: 1145907

Correction Number: 1

Attachment Name

PARSONS TRUST 3207 #11-2H Conductor record

Parson Trust 3207-11-2H Surface cement rpt

Parson Trust 3207-11-2H Inter cement rpt

Parson Trust 3207-11-2H Liner cement rpt

Parsons Trust 3207 11-2H Survey

PARSONS TRUST 3207 #11-2H-AS DRILLED