

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	HUDGENS 3307 10-1H
Doc ID	1108095

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5038 - 5168	109200 gals fluid; 35518# proppant	
6	5233 - 5523	165900 gals fluid; 74110# proppant	
6	5610 - 5921	167244 gals fluid; 71339# proppant	
6	5998 - 6291	179340 gals fluid; 75698# proppant	
6	6385 - 6689	166530 gals fluid; 77177# proppant	
6	6769 - 7057	172452 gals fluid; 73645# proppant	
6	7153 - 7443	170562 gals fluid; 73224# proppant	
6	7537 - 7827	175938 gals fluid; 76031# proppant	
6	8211 - 7921	194838 gals fluid; 74695# proppant	
6	8294 - 8398	183582 gals fluid; 77665# proppant	

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	HUDGENS 3307 10-1H
Doc ID	1108095

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 cmt	30	15% fly ash
Surface	12.25	9.625	36	476	Class C	250	See attached
Intermediate	8.75	7	23	5026	Class C	245	See attached
Liner	6.125	4.5	11.6	8560	Class H	415	See attached

SHELL GULF OF MEXICO, INC. (34574)

HUDGEN 3307-10

PETE MARTIN DRILLING (34645)
(SET THE CONDUCTOR)

1-H Conductor

1-H Mouse Hole

Call in DATE OF SPUD

spud in date

6/27/2012

7/1/2012

T.D date

6/27/2012

7/1/2012

Size Hole Drilled

26"

20"

Size Casing Set (in O.D)

18"

14"

conductor wall thickness

250

188

Weight Lbs./Ft.

47.76

27.76

Setting Depth

60"

75".5'

Type of Cement

type 1/2 portland cement

type 1/2 portland cement

Cubic yards of cement

5 cy

5 cy

2500 PSI Grout Mix

yes

yes

Type and Percent of Additives

15% fly ash

15% fly ash

Comments

0-60' red clay 24' water seep

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 08-OCT-12	F.R. # 1001939139	SERV. SUPV. JUSTIN D STAMPER
LEASE & WELL NAME HUDGENS 3307 #10-1H - API 15077218520000	LOCATION 10-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102	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		250	14.8	1.35	6.34	02:45	59.94	37.73
WATER			8.34				34	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>500</u> Bbl.		TOTAL			113.94	37.73

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		476	8.921	9.625	36	CSG	476	476	J-55	476	434	

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	8.8

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
34	BBLS	WATER	8.34	200					3160	1500	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING-ARRIVE ON LOCATION, RIG UP, WAIT ON 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 2100 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
07:00						ARRIVE ON LOCATION	
08:30						SAFETY MEETING	
09:17	2000				WATER	TEST LINES, START WATER AHEAD	
09:22	190		5	20	WATER	FINISH WATER, START SLURRY	
09:34	300		5	60	SLURRY	FINISH SLURRYR, SHUT DOWN, DROP PLUG AND DISPLACE	
09:41	200		5	23	WATER	SLOW TO BUMP PLUG	
09:44	150		3	10	WATER	BUMP PLUG PRESSURE TO 1100 PSI	
09:49	0				WATER	BLEED OFF RECIVED .25 BBLS BACK TO TRUCK	
						FLOATS 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	30	113	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 19-OCT-12	F.R. # 1001941919	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME HUDGENS 3307 #10-1H - API 15077218520000	LOCATION 10-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102		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 25			8.45				40	
C15:85:8 + 4pps Kolseal+ 10% Salt+.6%SMS+.25ppsC		160	12.4	2.45	13.51	05:50	69	50.87
C50:50:2 + 4pps Kolseal+.3% FL-52+.15%SMS+5%Sa		85	14.2	1.32	5.66	04:46	22	12.61
water			8.34				196.5	

Available Mix Water <u>500</u> Bbl.	Available Displ. Fluid <u>400</u> Bbl.	TOTAL	<u>327.5</u>	<u>63.48</u>
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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		5036	6.366	7	23	CSG	5026	4558	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	476	476				4600	4600	7	8RD	WATER BASED MU	9.4

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	MIX WATER
196.1	BBLS	water	8.34	621						3000	rig tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 630, 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 4100 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
06:30						Arrive on location	
12:30				40	SPACER	rig pumps sealbond spacer	
12:56	4100				WATER	test pumps & lines	
12:59	67		3		LEAD	open well/start lead slurry @ 12.4ppg	
13:14	68		4	69	LEAD	end lead slurry/start tail slurry @ 14.2ppg	
13:21	218		3	22	TAIL	end tail slurry/shutdown	
13:24	46		3		WATER	drop TRP/start displacement	
13:44	353		5	103	WATER	bbls pumped when see lift	
14:02	1071		3	180	WATER	slow rate to bump	
14:09	1440		3	196.5	WATER	bump plug/shutdown/ hold pressure 10 minutes	
14:20	0			-1	WATER	check floats/ holding/ 1 bbl return	
						calculated top of tail @ 4526'	
						calculated top of lead @ 2539'	

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	1440	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	327.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 21-NOV-12	F.R. # 1001949133	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME HUDGENS 3307 #10-1H - API 15077218520000	LOCATION 10-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # Nabors 102		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
SealBond Spacer			8.45				40
H50:50 + .5% FL-62+.5%FL-52 +.6% SMS		415	14.3	1.24	5.54	03:30	95 56.53
Displacement			8.34				117.5
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>400</u> Bbl.		TOTAL			252.5 56.53

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		8740	4	4.5	11.6	CSG	8560	4558	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	5026	5026					4	IF	WATER BASED MU	8.7

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
117.5	BBLS	Displacement	8.34	900					8552	4500	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 0100, Running Casing, Running Drill Pipe, Down hour with issue on pump,

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 6232 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
01:00						Arrive on location					
11:30				40	SPACER	rig pumps sealbond spacer					
12:23	6232				WATER	test pumps & lines					
12:40	38		3.5		SLURRY	open well/start slurry @ 14.3ppg					
13:09	156		3	95	SLURRY	end slurry/ shutdown					
13:10					WATER	wash pumps & lines					
13:17	198		6		WATER	Drop Plug start displacement					
13:39	661		4	57	WATER	bbls pumped when latch first plug					
13:44	830		3	117.5	WATER	bump plug shutdown					
13:50	3700					pressure packer to psi					
14:08	4500					begin test on backside					
14:17	4400					end backside test					
14:30						Turn well over to rig to circulate hole out					
						Calculated top of cement 4575					

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	2002	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		252.5	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Shell Exploration & Production Co. Inc.

Harper Co. KS (NAD-27)

Sec 10-T33S-R07W

Hudgens 3307 #10-1H

9858433

Wellbore #1

Design: Wellbore #1

Sperry Drilling Services

Combo Report With Grid North & True North

08 December, 2012

Surface UWI : 9858433

Well Coordinates: 187,889.07 N, 2,127,946.20 E (37° 10' 54.66" N, 098° 03' 39.04" W)

Ground Level: 1,363.00 ft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Centered on Well Hudgens 3307 #10-1H

WELL @ 1394.70ft (Nabors 102 (31.7'))

N

True

API US New

Version: 2003.21 Build: 46

HALLIBURTON

Design Report for Hudgens 3307 #10-1H - Wellbore #1

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Map Coordinates (ft)		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
						Northing	Easting	Northing	Easting			
0.00	0.00	359.73	0.00	-1,394.70	0.00	0.00 N	0.00 E	187,889.07	2,127,946.20	0.00	0.00	
157.00	1.42	12.60	12.87	-1,237.72	156.98	1.90 N	0.43 E	187,890.97	2,127,946.62	0.90	1.94	Start MWD
191.00	1.94	9.93	10.20	-1,203.73	190.97	2.87 N	0.63 E	187,891.95	2,127,946.82	1.55	2.93	
250.00	3.55	10.77	11.04	-1,144.80	249.90	5.65 N	1.16 E	187,894.72	2,127,947.33	2.73	5.76	
280.00	4.20	9.23	9.50	-1,114.87	279.83	7.64 N	1.51 E	187,896.72	2,127,947.68	2.19	7.78	
311.00	5.16	10.74	11.01	-1,083.97	310.73	10.13 N	1.97 E	187,899.21	2,127,948.12	3.12	10.31	
341.00	5.91	10.05	10.32	-1,054.11	340.59	12.98 N	2.50 E	187,902.06	2,127,948.64	2.51	13.20	
423.00	6.69	7.09	7.36	-972.61	422.09	21.87 N	3.87 E	187,910.95	2,127,949.97	1.03	22.20	
544.00	6.92	6.42	6.69	-852.46	542.24	36.10 N	5.62 E	187,925.19	2,127,951.65	0.20	36.53	
605.00	7.90	12.68	12.95	-791.97	602.73	43.83 N	6.99 E	187,932.93	2,127,952.98	2.08	44.38	
695.00	9.25	32.42	32.69	-702.96	691.74	55.95 N	12.28 E	187,945.08	2,127,958.22	3.57	57.14	
786.00	10.24	46.88	47.15	-613.26	781.44	67.61 N	22.17 E	187,956.78	2,127,968.05	2.89	70.10	
884.00	11.24	57.80	58.07	-516.97	877.73	78.59 N	36.66 E	187,967.83	2,127,982.49	2.31	83.06	
976.00	12.47	63.96	64.23	-426.93	967.77	87.65 N	53.22 E	187,976.97	2,127,999.00	1.92	94.42	
1,070.00	14.00	66.62	66.89	-335.43	1,059.27	96.52 N	72.82 E	187,985.93	2,128,018.56	1.75	106.03	
1,164.00	16.28	69.96	70.23	-244.69	1,150.01	105.44 N	95.68 E	187,994.96	2,128,041.38	2.60	118.16	
1,259.00	16.00	71.11	71.38	-153.44	1,241.26	114.13 N	120.61 E	188,003.76	2,128,066.27	0.45	130.36	
1,353.00	14.64	67.94	68.21	-62.78	1,331.92	122.67 N	143.92 E	188,012.42	2,128,089.54	1.70	142.19	
1,448.00	14.53	66.73	67.00	29.16	1,423.86	131.79 N	166.04 E	188,021.64	2,128,111.62	0.34	154.40	
1,637.00	15.42	64.30	64.57	211.74	1,606.44	151.84 N	210.56 E	188,041.90	2,128,156.04	0.58	180.68	
1,826.00	16.68	73.71	73.98	393.40	1,788.10	170.12 N	259.33 E	188,060.41	2,128,204.73	1.53	205.81	
2,015.00	14.07	72.93	73.20	575.62	1,970.32	184.25 N	307.40 E	188,074.76	2,128,252.73	1.39	226.74	
2,204.00	13.79	72.33	72.60	759.06	2,153.76	197.62 N	350.89 E	188,088.34	2,128,296.16	0.17	246.26	
2,393.00	12.46	71.41	71.68	943.12	2,337.82	210.77 N	391.74 E	188,101.68	2,128,336.95	0.71	265.18	
2,582.00	11.89	68.04	68.31	1,127.87	2,522.57	224.37 N	429.19 E	188,115.46	2,128,374.33	0.48	284.05	
2,676.00	14.16	69.15	69.42	1,219.45	2,614.15	232.00 N	448.96 E	188,123.18	2,128,394.06	2.43	294.45	
2,771.00	16.63	69.45	69.72	1,311.03	2,705.73	240.79 N	472.59 E	188,132.09	2,128,417.65	2.60	306.57	
2,959.00	16.27	68.62	68.89	1,491.34	2,886.04	259.60 N	522.39 E	188,151.13	2,128,467.36	0.23	332.38	
3,148.00	13.33	66.95	67.22	1,674.05	3,068.75	277.58 N	567.19 E	188,169.32	2,128,512.07	1.57	356.64	
3,242.00	12.47	64.82	65.09	1,765.68	3,160.38	286.05 N	586.38 E	188,177.88	2,128,531.23	1.05	367.80	
3,337.00	11.03	62.80	63.07	1,858.68	3,253.38	294.49 N	603.79 E	188,186.40	2,128,548.60	1.58	378.66	
3,431.00	9.98	64.00	64.27	1,951.11	3,345.81	302.09 N	619.15 E	188,194.08	2,128,563.91	1.14	388.41	
3,526.00	9.56	71.20	71.47	2,044.73	3,439.43	308.18 N	634.04 E	188,200.23	2,128,578.78	1.36	396.58	
3,620.00	5.91	75.42	75.69	2,137.86	3,532.56	311.85 N	646.14 E	188,203.96	2,128,590.86	3.93	401.97	
3,714.00	3.30	63.34	63.61	2,231.55	3,626.25	314.25 N	653.25 E	188,206.40	2,128,597.96	2.95	405.37	
3,809.00	2.10	60.62	60.89	2,326.44	3,721.14	316.32 N	657.22 E	188,208.48	2,128,601.92	1.27	407.98	
3,903.00	1.68	61.32	61.59	2,420.39	3,815.09	317.81 N	659.94 E	188,209.98	2,128,604.63	0.45	409.85	

Design Report for Hudgens 3307 #10-1H - Wellbore #1

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Map Coordinates (ft)		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
						Northing	Easting	Northing	Easting			
3,998.00	1.29	60.18	60.45	2,515.36	3,910.06	319.00 N	662.09 E	188,211.18	2,128,606.78	0.41	411.34	
4,029.00	1.36	63.68	63.95	2,546.35	3,941.05	319.33 N	662.73 E	188,211.52	2,128,607.41	0.35	411.76	
4,061.00	1.20	61.34	61.61	2,578.34	3,973.04	319.66 N	663.36 E	188,211.85	2,128,608.05	0.53	412.18	
4,092.00	2.34	25.93	26.20	2,609.33	4,004.03	320.38 N	663.93 E	188,212.57	2,128,608.61	4.93	412.97	
4,124.00	5.49	10.41	10.68	2,641.25	4,035.95	322.47 N	664.50 E	188,214.67	2,128,609.17	10.30	415.13	
4,155.00	8.53	4.07	4.34	2,672.02	4,066.72	326.22 N	664.95 E	188,218.42	2,128,609.60	10.10	418.90	
4,186.00	11.90	1.61	1.88	2,702.52	4,097.22	331.71 N	665.23 E	188,223.91	2,128,609.86	10.96	424.37	
4,218.00	14.76	0.15	0.42	2,733.66	4,128.36	339.09 N	665.37 E	188,231.29	2,128,609.96	9.00	431.69	
4,249.00	17.81	358.13	358.40	2,763.41	4,158.11	347.78 N	665.26 E	188,239.98	2,128,609.82	10.01	440.27	
4,281.00	20.68	357.18	357.45	2,793.62	4,188.32	358.32 N	664.87 E	188,250.51	2,128,609.38	9.02	450.65	
4,312.00	23.26	358.99	359.26	2,822.37	4,217.07	369.91 N	664.55 E	188,262.10	2,128,609.00	8.60	462.07	
4,344.00	25.77	0.51	0.78	2,851.48	4,246.18	383.18 N	664.57 E	188,275.38	2,128,608.95	8.09	475.21	
4,375.00	29.03	0.60	0.87	2,879.00	4,273.70	397.44 N	664.77 E	188,289.64	2,128,609.09	10.52	489.35	
4,407.00	32.41	0.83	1.10	2,906.50	4,301.20	413.79 N	665.05 E	188,305.98	2,128,609.30	10.57	505.56	
4,438.00	35.42	1.12	1.39	2,932.23	4,326.93	431.08 N	665.43 E	188,323.28	2,128,609.59	9.72	522.73	
4,470.00	38.37	1.10	1.37	2,957.81	4,352.51	450.28 N	665.89 E	188,342.48	2,128,609.96	9.22	541.79	
4,501.00	41.75	0.76	1.03	2,981.54	4,376.24	470.22 N	666.31 E	188,362.43	2,128,610.29	10.93	561.59	
4,533.00	44.81	359.09	359.36	3,004.83	4,399.53	492.16 N	666.37 E	188,384.36	2,128,610.25	10.21	583.30	
4,564.00	47.53	359.16	359.43	3,026.30	4,421.00	514.52 N	666.14 E	188,406.72	2,128,609.91	8.78	605.39	
4,596.00	49.66	359.89	0.16	3,047.46	4,442.16	538.52 N	666.06 E	188,430.72	2,128,609.71	6.87	629.13	
4,627.00	52.63	0.60	0.87	3,066.91	4,461.61	562.66 N	666.28 E	188,454.86	2,128,609.82	9.75	653.04	
4,659.00	55.56	0.71	0.98	3,085.67	4,480.37	588.57 N	666.69 E	188,480.77	2,128,610.11	9.16	678.75	
4,690.00	59.67	0.91	1.18	3,102.27	4,496.97	614.74 N	667.19 E	188,506.94	2,128,610.48	13.27	704.71	
4,721.00	63.16	0.40	0.67	3,117.10	4,511.80	641.95 N	667.63 E	188,534.16	2,128,610.79	11.35	731.70	
4,753.00	65.87	0.43	0.70	3,130.87	4,525.57	670.83 N	667.97 E	188,563.04	2,128,611.00	8.47	760.33	
4,784.00	67.95	0.13	0.40	3,143.03	4,537.73	699.35 N	668.24 E	188,591.55	2,128,611.14	6.77	788.58	
4,816.00	70.67	359.36	359.63	3,154.33	4,549.03	729.28 N	668.25 E	188,621.49	2,128,611.01	8.79	818.20	
4,847.00	73.89	359.16	359.43	3,163.76	4,558.46	758.80 N	668.01 E	188,651.01	2,128,610.63	10.41	847.38	
4,879.00	78.13	358.90	359.17	3,171.50	4,566.20	789.84 N	667.63 E	188,682.05	2,128,610.10	13.27	878.04	
4,910.00	83.00	359.11	359.38	3,176.58	4,571.28	820.41 N	667.24 E	188,712.62	2,128,609.57	15.72	908.24	
4,979.00	88.98	359.85	0.12	3,181.40	4,576.10	889.21 N	666.94 E	188,781.41	2,128,608.95	8.73	976.27	
5,083.00	90.95	359.95	0.22	3,181.47	4,576.17	993.21 N	667.25 E	188,885.41	2,128,608.77	1.90	1,079.22	
5,144.00	90.22	0.46	0.73	3,180.84	4,575.54	1,054.20 N	667.76 E	188,946.40	2,128,608.98	1.46	1,139.64	
5,234.00	90.12	0.76	1.03	3,180.58	4,575.28	1,144.19 N	669.14 E	189,036.40	2,128,609.94	0.35	1,228.89	
5,325.00	90.03	0.94	1.21	3,180.46	4,575.16	1,235.17 N	670.92 E	189,127.39	2,128,611.29	0.22	1,319.17	
5,416.00	90.55	0.94	1.21	3,180.00	4,574.70	1,326.15 N	672.84 E	189,218.37	2,128,612.79	0.57	1,409.47	
5,507.00	89.45	359.45	359.72	3,180.00	4,574.70	1,417.14 N	673.58 E	189,309.37	2,128,613.10	2.04	1,499.62	

Design Report for Hudgens 3307 #10-1H - Wellbore #1

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Map Coordinates (ft)		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
						Northing	Easting	Northing	Easting			
5,597.00	89.39	359.47	359.74	3,180.91	4,575.61	1,507.14 N	673.15 E	189,399.36	2,128,612.25	0.07	1,588.60	
5,688.00	89.11	359.35	359.62	3,182.10	4,576.80	1,598.13 N	672.65 E	189,490.35	2,128,611.31	0.33	1,678.57	
5,779.00	89.57	0.08	0.35	3,183.15	4,577.85	1,689.12 N	672.62 E	189,581.34	2,128,610.86	0.95	1,768.60	
5,870.00	91.11	1.14	1.41	3,182.61	4,577.31	1,780.11 N	674.02 E	189,672.33	2,128,611.83	2.05	1,858.83	
5,964.00	89.20	359.98	0.25	3,182.35	4,577.05	1,874.09 N	675.38 E	189,766.32	2,128,612.75	2.38	1,952.02	
6,059.00	89.85	359.80	0.07	3,183.14	4,577.84	1,969.08 N	675.65 E	189,861.31	2,128,612.56	0.71	2,046.06	
6,153.00	88.30	359.50	359.77	3,184.66	4,579.36	2,063.07 N	675.52 E	189,955.29	2,128,611.99	1.68	2,139.04	
6,247.00	91.32	0.22	0.49	3,184.97	4,579.67	2,157.06 N	675.73 E	190,049.28	2,128,611.76	3.30	2,232.07	
6,341.00	92.93	0.92	1.19	3,181.48	4,576.18	2,250.98 N	677.11 E	190,143.21	2,128,612.69	1.87	2,325.21	
6,436.00	90.65	0.76	1.03	3,178.52	4,573.22	2,345.91 N	678.95 E	190,238.15	2,128,614.09	2.41	2,419.40	
6,530.00	89.94	0.47	0.74	3,178.03	4,572.73	2,439.90 N	680.40 E	190,332.14	2,128,615.10	0.82	2,512.61	
6,625.00	90.40	359.48	359.75	3,177.75	4,572.45	2,534.89 N	680.80 E	190,427.14	2,128,615.05	1.15	2,606.67	
6,719.00	90.22	359.68	359.95	3,177.24	4,571.94	2,628.89 N	680.56 E	190,521.13	2,128,614.37	0.29	2,699.65	
6,814.00	90.62	359.54	359.81	3,176.55	4,571.25	2,723.89 N	680.36 E	190,616.13	2,128,613.72	0.45	2,793.62	
6,908.00	89.78	359.73	0.00	3,176.22	4,570.92	2,817.89 N	680.20 E	190,710.12	2,128,613.12	0.92	2,886.61	
7,002.00	90.90	359.25	359.52	3,175.66	4,570.36	2,911.88 N	679.81 E	190,804.12	2,128,612.28	1.30	2,979.56	
7,097.00	90.40	359.52	359.79	3,174.58	4,569.28	3,006.87 N	679.24 E	190,899.10	2,128,611.26	0.60	3,073.47	
7,191.00	91.23	359.60	359.87	3,173.24	4,567.94	3,100.86 N	678.96 E	190,993.09	2,128,610.54	0.89	3,166.43	
7,286.00	91.14	358.21	358.48	3,171.28	4,565.98	3,195.83 N	677.59 E	191,088.05	2,128,608.73	1.47	3,260.21	
7,380.00	89.85	357.53	357.80	3,170.47	4,565.17	3,289.77 N	674.54 E	191,181.98	2,128,605.24	1.55	3,352.72	
7,474.00	90.65	358.62	358.89	3,170.06	4,564.76	3,383.73 N	671.82 E	191,275.92	2,128,602.08	1.44	3,445.30	
7,569.00	89.05	358.71	358.98	3,170.31	4,565.01	3,478.71 N	670.06 E	191,370.89	2,128,599.86	1.69	3,539.03	
7,663.00	87.94	358.67	358.94	3,172.78	4,567.48	3,572.66 N	668.35 E	191,464.83	2,128,597.72	1.18	3,631.75	
7,758.00	88.77	0.31	0.58	3,175.50	4,570.20	3,667.62 N	667.96 E	191,559.79	2,128,596.87	1.93	3,725.65	
7,852.00	88.24	0.85	1.12	3,177.96	4,572.66	3,761.58 N	669.35 E	191,653.75	2,128,597.82	0.80	3,818.82	
7,947.00	88.42	0.19	0.46	3,180.72	4,575.42	3,856.53 N	670.66 E	191,748.70	2,128,598.69	0.72	3,912.96	
8,041.00	89.20	359.12	359.39	3,182.68	4,577.38	3,950.50 N	670.54 E	191,842.68	2,128,598.12	1.41	4,005.94	
8,136.00	90.74	359.35	359.62	3,182.73	4,577.43	4,045.50 N	669.72 E	191,937.67	2,128,596.85	1.64	4,099.82	
8,230.00	92.44	359.96	0.23	3,180.12	4,574.82	4,139.46 N	669.59 E	192,031.63	2,128,596.29	1.92	4,192.77	
8,325.00	92.43	359.56	359.83	3,176.08	4,570.78	4,234.37 N	669.64 E	192,126.54	2,128,595.89	0.42	4,286.70	
8,419.00	92.10	359.81	0.08	3,172.37	4,567.07	4,328.30 N	669.57 E	192,220.46	2,128,595.37	0.44	4,379.62	
8,513.00	92.93	0.54	0.81	3,168.24	4,562.94	4,422.20 N	670.30 E	192,314.37	2,128,595.66	1.18	4,472.65	
8,608.00	91.11	0.86	1.13	3,164.89	4,559.59	4,517.13 N	671.90 E	192,409.30	2,128,596.82	1.95	4,566.81	
8,693.00	90.86	0.34	0.61	3,163.43	4,558.13	4,602.10 N	673.19 E	192,494.28	2,128,597.71	0.68	4,651.08	Last MWD
8,719.14	90.86	0.34	0.61	3,163.04	4,557.74	4,628.24 N	673.47 E	192,520.42	2,128,597.86	0.00	4,676.98	Hudgens 3307 #10-1H PBHL



Design Report for Hudgens 3307 #10-1H - Wellbore #1

Measured Depth (ft)	Inclination (°)	Grid Azimuth (°)	True Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates Northing (ft)	Local Coordinates Easting (ft)	Map Coordinates Northing (ft)	Map Coordinates Easting (ft)	Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
8,740.00	90.86	0.34	0.61	3,162.73	4,557.43	4,649.10 N	673.70 E	192,541.28	2,128,597.99	0.00	4,697.65	Projection to TD 8740.00 MD, 4557.43 TVD 4649.10 N, 673.70 E 309 FNL, 452 FEL

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
157.00	156.98	1.90	0.43	Start MWD
8,693.00	4,558.13	4,602.10	673.19	Last MWD
8,740.00	4,557.43	4,649.10	673.70	Projection to TD 8740.00 MD, 4557.43 TVD 4649.10 N, 673.70 E 309 FNL, 452 FEL

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
User	No Target (Freehand)	8.31	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
157.00	8,740.00	Sperry MWD Surveys	MWD+SC

Design Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target									
- Shape	()	()	()	()	()	()	()		

Design Report for Hudgens 3307 #10-1H - Wellbore #1

Directional Difficulty Index

Average Dogleg over Survey: 2.18 °/100ft

Maximum Dogleg over Survey: 15.72 °/100ft at 4,910.00 ft

Net Tortosity applicable to Plans: 0.52 °/100ft

Directional Difficulty Index: 6.268

Audit Info

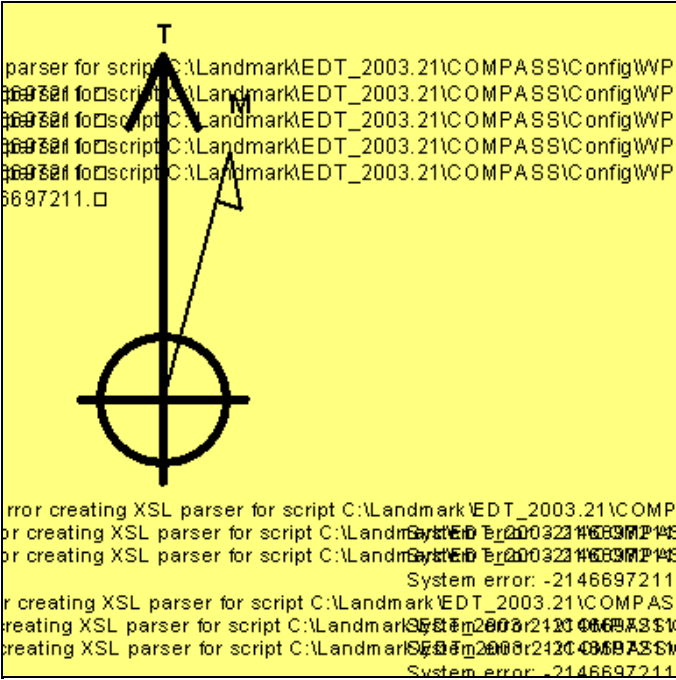
North Reference Sheet for Sec 10-T33S-R07W - Hudgens 3307 #10-1H - Wellbore #1

All data is in Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference. Vertical Depths are relative to WELL @ 1394.70ft (Nabors 102 (31.7')). Northing and Easting are relative to Hudgens 3307 #10-1H Coordinate System is US State Plane 1927 (Exact solution), Kansas South 1502 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866 Projection method is Lambert Conformal Conic (2 parallel) Central Meridian is 98° 30' 0.000 W°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:37° 16' 0.000 N° False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 1.00001775

Grid Coordinates of Well: 187,889.07 ft N, 2,127,946.20 ft E Geographical Coordinates of Well: 37° 10' 54.66" N, 098° 03' 39.04" W Grid Convergence at Surface is: 0.27°

Based upon Minimum Curvature type calculations, at a Measured Depth of 8,740.00ft the Bottom Hole Displacement is 4,697.65ft in the Direction of 8.25° (True).

Magnetic Convergence at surface is: -4.37° (10 September 2012, , BGGM2012)



T33S, R7W, 6th P.M.

SGOMI

UELS Alum. Cap.
8" Below Ground
NAD 27 Kansas South
N: 192793.14
E: 2123701.91

1/2" Rebar 0.4' Below
Ground
NAD 27 Kansas South
N: 192856.18
E: 2129054.39

Well location, HUDGENS 3307 #10-1H, located as shown in the SE 1/4 SE 1/4 of Section 10, T33S, R7W, 6th P.M., Harper County, Kansas.

BASIS OF ELEVATION

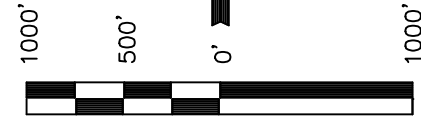
SPOT ELEVATION LOCATED AT THE NORTHEAST CORNER OF SECTION 22, T33S, R7W, 6th P.M. TAKEN FROM THE ANTHONY, QUADRANGLE, KANSAS, HARPER COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1348 FEET.

BASIS OF BEARINGS

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

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N31°49'20"E	1183.30'



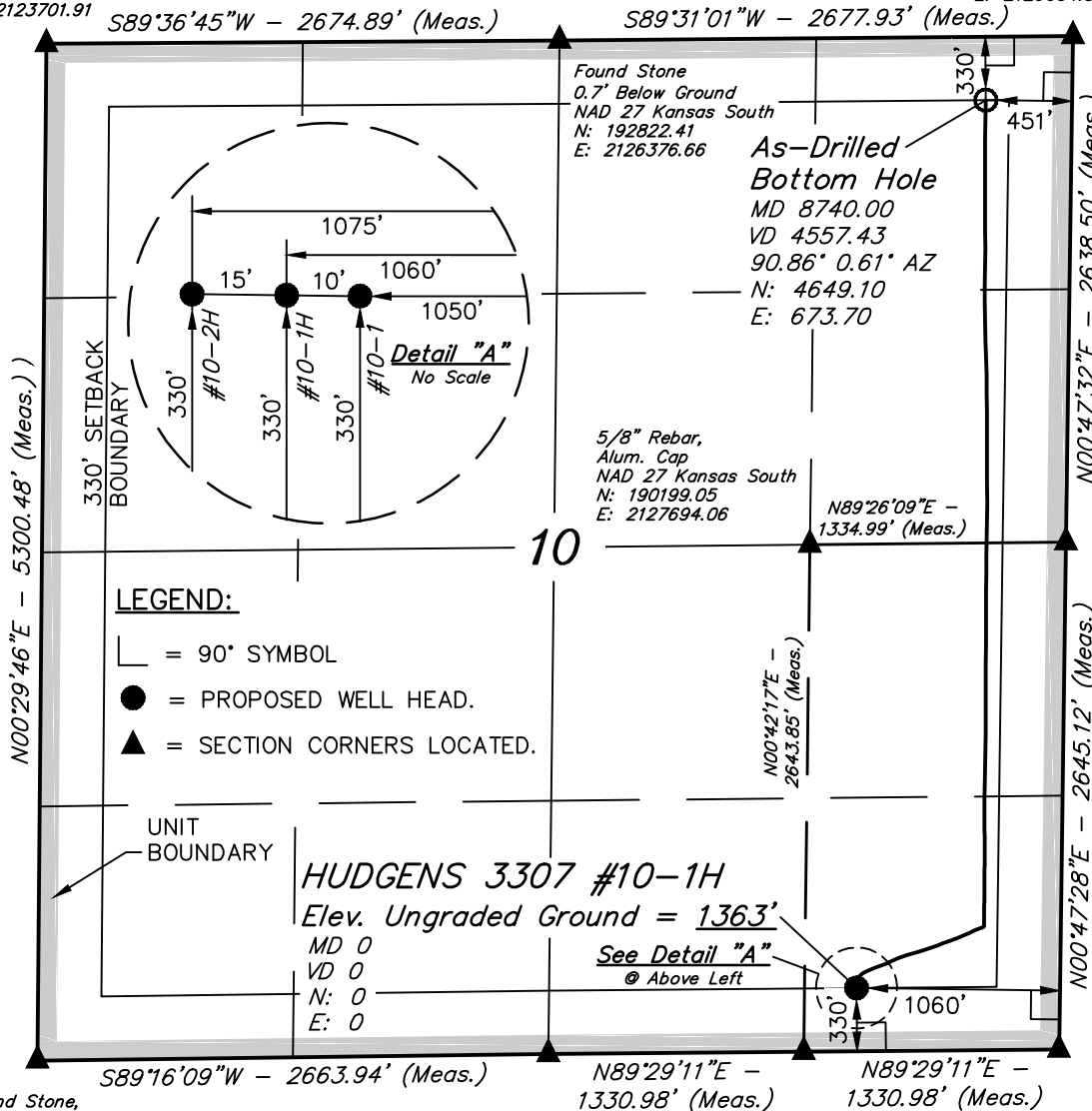
SCALE

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 J. [Signature]

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1451
STATE OF KANSAS
01-15-13



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UNIT BOUNDARY

HUDGENS 3307 #10-1H
Elev. Ungraded Ground = 1363'

MD 0
VD 0
N: 0
E: 0

See Detail "A"
@ Above Left

Found Stone,
Iron Bar 2.5'
Below Ground
NAD 27 Kansas South
N: 187492.64
E: 2123678.13

1/2" Rebar 1.3'
Below Ground
NAD 27 Kansas South
N: 187537.75
E: 2126341.70

5/8" Rebar 0.5'
Below Ground,
Alum. Cap, LS 1451
NAD 27 Kansas South
N: 187555.25
E: 2127672.58

1/2" Rebar 1.0'
Below Ground in
Gravel Road Intersection
NAD 27 Kansas South
N: 187572.74
E: 2129003.45

NAD 83 (#10-1H AS-DRILLED BOTTOM HOLE)	NAD 83 (#10-1H SURFACE LOCATION)
LATITUDE = 37°11'40.50" (37.194583)	LATITUDE = 37°10'54.74" (37.181872)
LONGITUDE = 98°03'31.91" (98.058864)	LONGITUDE = 98°03'40.27" (98.061186)
NAD 27 (#10-1H AS-DRILLED BOTTOM HOLE)	NAD 27 (#10-1H SURFACE LOCATION)
LATITUDE = 37°11'40.42" (37.194561)	LATITUDE = 37°10'54.66" (37.181850)
LONGITUDE = 98°03'30.69" (98.058525)	LONGITUDE = 98°03'39.04" (98.060844)
STATE PLANE NAD 27 (KANSAS SOUTH)	STATE PLANE NAD 27 (KANSAS SOUTH)
N: 192520.15 E: 2128600.59	N: 187889.07 E: 2127946.20

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

SCALE 1" = 1000'	DATE SURVEYED: 12-08-12	DATE DRAWN: 01-15-13
PARTY C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE SGOMI	

Summary of Changes

Lease Name and Number: HUDGENS 3307 10-1H

API/Permit #: 15-077-21852-01-00

Doc ID: 1108095

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	476
Approved Date	07/19/2012	01/23/2013
CasingAdd_Type_PctPDF_1	15% fly ash	Attached
CasingNumbSacksUsedPDF_1	30	Attached
CasingPurposeOfStringPDF_1	Conductor	Attached
CasingSettingDepthPDF_1	60	Attached
CasingSizeCasingSetPDF_1	18	Attached
CasingSizeHoleDrilledPDF_1	26	Attached
CasingTypeOfCementPDF_1	1/2 Porland cmt	Attached
CasingWeightPDF_1	47.76	Attached

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Completion Or Recompletion Date	06/27/2012	01/05/2013
Date Reached TD	06/27/2012	11/19/2012
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combo
Formation Top Source - Log	No	Yes
Liner Run?		Yes
Method Of Completion - Perf	No	Yes
Perf_Depth_1		Attached
Perf_Material_1		Attached
Perf_Record_1	CONDUCTOR ONLY	Attached
Perf_Shots_1		Attached
Producing Formation	CONDUCTOR ONLY	Mississippi

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Production Interval #1		5038 - 8398
Purchaser's Name	CONDUCTOR ONLY	
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1087992	../../../../kcc/detail/operatorEditDetail.cfm?docID=1108095
Spud Or Recompletion Date	06/27/2012	10/07/2012
TopsDepth1		3970
TopsDepth2		4140
TopsDepth3		4246
TopsDepth4		4340
TopsDepth5		4374
TopsDepth6		4526
TopsName1	CONDUCTOR ONLY	lola
TopsName2		Hushpuckney
TopsName3		Marmaton

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
TopsName4		Pawnee
TopsName5		Cherokee
TopsName6		Mississippi
Total Depth	60	8740
Tubing Packer At		N/A
Tubing Record - Set At		3916
Tubing Size		2.875

Summary of Attachments

Lease Name and Number: HUDGENS 3307 10-1H

API: 15-077-21852-01-00

Doc ID: 1108095

Correction Number: 1

Attachment Name

HUDGENS 3307 #10-1H conductor record

HUDGENS 3307 #10-1H - Surface Cmt

HUDGENS 3307 #10-1H - Intermediate Cmt

HUDGENS 3307 #10-1H - Liner Cmt

Hudgens 3307 #10-1H Final Survey

HUDGENS 3307 #10-1H -AS-DRILLED PLAT



CONFIDENTIAL

WELL COMPLETION FORM

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

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
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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 Distribution
- ALT I II III Approved by: _____ Date: _____