



Confidentiality Requested:

Yes No

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
- Plug Back Conv. to GSW Conv. to Producer
- 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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1136280

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	Young Trust 2309 35-1H
Doc ID	1136280

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	4271 - 4489'	93030 gals fluid & 179850# proppant	
3	4562 - 4807'	102144 gals fluid & 180959# proppant	
3	4583 - 5089'	88410 gals fluid & 134299# proppant	
3	5169 - 5393'	98280 gals fluid & 176209# proppant	
3	5472 - 5698'	94374 gals fluid & 176159# proppant	
3	5782 - 5994'	92778 gals fluid & 171963# proppant	
3	6241 - 6525'	83664 gals fluid & 126766# proppant	
3	6698 - 6910'	101472 gals fluid & 184656# proppant	
3	6991 - 7217'	95508 gals fluid & 173747# proppant	
3	7296 - 7535'	94458 gals fluid & 179754# proppant	
3	7615 - 7853'	106344 gals fluid & 177617# proppant	

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Young Trust 2309 35-1H
Doc ID	1136280

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	30	18	47.76	60	1/2 Portland Cmt	36	15% Fly Ash
Surface	12.25	9.625	36	346	Class C	270	See attached
Intermediate	8.75	7	26	4260	Class C	325	See attached
Liner	6.125	4.5	11.6	7970	Class H	260	See attached

SHELL GULF OF MEXICO, INC. (34574)

YOUNG TRUST 2309-35

PETE MARTIN DRILLING (34645)
(SET THE CONDUCTOR)

1-H Conductor

1-H Mouse Hole

Call in DATE OF SPUD

12/7/2012

spud in date

12/8/2012

12/11/2012

T.D date

12/8/2012

12/11/2012

Size Hole Drilled

30"

24"

Size Casing Set (in O.D)

18"

14"

Conductor wall thickness

250

188

Weight Lbs./Ft.

47.76

27.76

Setting Depth

60'

78'

Type of Cement

Type 1/2 portland cement

Type 1/2 portland cement

Cubic yards of cement

6cyd

7cyd

2500 PSI Grout Mix

yes

yes

Type and Percent of Additives

15% fly ash

15% fly ash

Comments

clay and gypsum from surface
to 57' ft sand to 60' water at 27ft

clay and gypsum from surface
to 55' ft sand to 74' 75' to 77'
clay water at 27ft

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 20-FEB-13	F.R. # 1001966008	SERV. SUPV. Jonathan M Schulz
LEASE & WELL NAME YOUNG TRUST 2309 #35-1H - API 1515521613000	LOCATION 35-23S-9W		COUNTY-PARISH-BLOCK Reno 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	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	
C + .25pps Celloflake + 2% CaCl2		270	14.8	1.35	6.34	02:45	63	39.55
Water			8.34				24	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>440</u> Bbl.		TOTAL			<u>107</u>	<u>39.55</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		346	8.921	9.625	36	CSG	346	346	J-55			

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.
18.	18	47.	CSG	60	60						9.625	8RD	WATER BASED MU	8.5

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
24	BBLS	Water	8.34	99					2800	1200	Rig Tank

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 1700, Spud In, Drill to TD, POOH, Run 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 2500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
17:00						Arrive on location 2/19/2013					
16:16	2500				WATER	test pumps & lines 2/20/2013					
16:18	127		2		WATER	open well/start water spacer ahead					
16:24	121		2	20	WATER	end water ahead/ shutdown/ cant get dry product					
16:48	151		2		SLURRY	start slurry @ 14.8ppg					
17:06	197		3	63	SLURRY	end slurry/ shutdown					
17:11	155		2		WATER	drop TRP/start displacement					
17:18	135		2	16	WATER	circulate cement to surface					
17:24	708		2	24	WATER	bump plug shutdown begin casing test					
17:28	38					leak on stream flo wellhead end test					
						8 bbls of cement return to surface					
						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	700	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	8	107	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 08-MAR-13	F.R. # 1001970392	SERV. SUPV. Justin D Stamper
LEASE & WELL NAME YOUNG TRUST 2309 #35-1H - API 1515521613000	LOCATION 35-23S-9W		COUNTY-PARISH-BLOCK Reno 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
	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
SEALBOND			8.45				40
15:85:8(POZ,C,GEL)+10%SALT+.5%SMS+4PPS KOLS		240	12.4	2.45	13.52		104 76.72
50:50:2(POZ,C,GEL)+4#KOLSL+.15%SMS+.3%FL52		85	14.2	1.32	5.66		20 11.46
WATER			8.34				161

Available Mix Water	500	Bbl.	Available Displ. Fluid	500	Bbl.	TOTAL	325	88.19
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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		4270	6.276	7	26	CSG	4260	3807	P-110	4260	4212	

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		350	350			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	
165.0	BBLS	WATER	8.34	500					5450	3000	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	5800 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
22:30						ARRIVE ON LOCATION	
12:45						SAFETY MEETING	
12:50	360		5	40	SEALBND	RIG PUMP SEAL BOND	
13:12	5800				WATER	TEST LINES, START LEAD	
13:38	280		4	104	LEAD	FINISH LEAD, START TAIL	
13:45	210		4	20	TAIL	FINISH TAIL, SHUT DOWN DROP PLUG AND DISPLACE	
14:15	910		5	150	WATER	SLOW TO BUMP PLUG	
14:19	800		3	10	WATER	BUMP PLUG PRESSURE TO 1500 PSI	
14:24	0					BLEED OFF RECEIVED 1 BBL 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	1500	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	324	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 22-MAR-13	F.R. # 1001971683	SERV. SUPV. James Kirkpatrick
LEASE & WELL NAME YOUNG TRUST 2309 #35-1H - API 1515521613000	LOCATION 35-23S-9W		COUNTY-PARISH-BLOCK Reno 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
	No Shoe, Cust Sup						

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, Rig to pump			8.45				20	
H2O			8.34				20	
h50/50,0.001%staticfree,3%salt,0.5%fl62,0.6%sms,0.	125102932	260	14.3	1.24	5.54	05:00	57	34.04
H2O			8.34				109	
Available Mix Water <u>150</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		TOTAL			<u>206</u>	<u>34.04</u>

HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125		8130	3.826	4.5	16.6	DP	3427	3427	J-55	4543	4496	
			1	4.5	11.6	CSG	4543	4543	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.
6.3	7	26		4353	4353					4.5	8RD	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
109	BBLS	H2O	8.34	450				1575	8552	4500	RIG

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: PROBLEMS WITH LINER ON FIRST CASING RUN...

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 5500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
14:00						RIG PUMP 20 BBL SEAL BOND SPACER					
14:15	5050				H2O	TEST LINES, START 20 BBL H2O SPACER AHEAD					
14:25	250		5	20	H2O	PUMP 20 BBL H2O, START CEMENT @ 14.3#					
14:50	55		2.5	57	CEMENT	PUMP 57 BBL CEMENT, SHUT DOWN WASH TRUCK TO PIT, DROP PLUG, START DISPLACEMENT					
15:05	750		3	41	H2O	PUMP 41 BBL DISPLACEMENT, SHEAR PLUG THROUGH DRILL PIPE, CONTINUE DISPLACEMENT					
15:20	475		3	109	H2O	PUMP 109 TOTAL DISPLACEMENT, BUMP PLUG, @ 475 PSI, TAKE PRESSURE UP TO 1600 PSI HOLD 10 MINUTES					
15:30	1600					HOLD 10 MINUTES, CHECK FLOAT, HOLDING					
16:00	4500				H2O	PRESSURE BACKSIDE UP TO 4500 PSI, HOLD 10 MINUTES					
16:10						BLEED OFF, TURN OVER TO RIG TO CIRCULATE THE LONG WAY AROUND					
						CEMENT : 260 SACKS 50/50 H + 0.01% STATIC FREE + 3% SALT + 0.5% FL-62 + 0.6% SMS + 0.5% FL-52A					
						LINER SET @ 7970', TOP OF LINER @ 3427'					
						THANK YOU FOR USING BAKER HUGHES, JIM AND CREW					

BUMPED PLUG <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 475	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 206	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	SERVICE SUPERVISOR SIGNATURE:
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Job# 900034106
Rig: Nomac 102

Shell Exploration & Production Co. Inc.

Reno Co. KS (NAD-27) Sec 35-T23S-R09W (Grid)
API# 151552161301

Young Trust 2309 #35-1H (335 FSL, 800 FEL)

Wellbore #1

Design: Wellbore #1

Sperry Drilling Services

Combo Report With Grid North & True North

02 April, 2013

TD Date : 20th Feb, 2013

Well Coordinates: 38° 00' 00.63" N
098° 16' 22.40" W

NAD 1927 (NADCON CONUS)
Kansas South 1502
485,630.24 N
2,065,442.62 E

Ground Level: 1,698.00 ft

Local Coordinate Origin:

Centered on Well Young Trust 2309 #35-1H

Viewing Datum:

WELL @ 1729.70ft (Nomac 102 (31.7'))

TVDs to System:

N

North Reference:

Grid

Unit System:

API US New

Version: 2003.21 Build: 46

HALLIBURTON

Design Report for Young Trust 2309 #35-1H - 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	0.00	0.13	-1,729.70	0.00	0.00 N	0.00 E	485,630.24	2,065,442.62	0.00	0.00	
141.00	0.14	121.22	121.35	-1,588.70	141.00	0.09 S	0.15 E	485,630.15	2,065,442.77	0.10	-0.08	Start MWD @ 141.00 MD
171.00	0.28	79.43	79.56	-1,558.70	171.00	0.09 S	0.25 E	485,630.15	2,065,442.87	0.66	-0.08	
232.00	0.69	100.38	100.51	-1,497.70	232.00	0.13 S	0.76 E	485,630.11	2,065,443.38	0.72	-0.07	
286.00	0.71	119.06	119.19	-1,443.71	285.99	0.35 S	1.37 E	485,629.89	2,065,443.99	0.42	-0.25	
368.00	1.66	133.76	133.89	-1,361.72	367.98	1.42 S	2.67 E	485,628.82	2,065,445.29	1.21	-1.21	
432.00	3.90	119.74	119.87	-1,297.80	431.90	3.14 S	5.23 E	485,627.10	2,065,447.85	3.63	-2.73	
527.00	7.12	98.90	99.03	-1,203.25	526.45	5.66 S	13.86 E	485,624.58	2,065,456.48	3.94	-4.57	
622.00	9.63	93.09	93.22	-1,109.27	620.43	7.00 S	27.61 E	485,623.24	2,065,470.23	2.78	-4.85	
717.00	9.36	91.64	91.77	-1,015.57	714.13	7.65 S	43.27 E	485,622.59	2,065,485.89	0.38	-4.29	
812.00	8.81	91.67	91.80	-921.76	807.94	8.08 S	58.26 E	485,622.16	2,065,500.88	0.58	-3.57	
907.00	8.48	92.30	92.43	-827.84	901.86	8.57 S	72.53 E	485,621.67	2,065,515.15	0.36	-2.96	
1,002.00	8.80	93.41	93.54	-733.92	995.78	9.29 S	86.79 E	485,620.95	2,065,529.41	0.38	-2.57	
1,093.00	7.98	89.13	89.26	-643.89	1,085.81	9.61 S	100.05 E	485,620.63	2,065,542.67	1.13	-1.87	
1,184.00	7.83	90.15	90.28	-553.75	1,175.95	9.53 S	112.56 E	485,620.71	2,065,555.18	0.23	-0.82	
1,275.00	8.44	91.18	91.31	-463.67	1,266.03	9.68 S	125.44 E	485,620.56	2,065,568.06	0.69	0.02	
1,366.00	8.90	90.85	90.98	-373.71	1,355.99	9.92 S	139.16 E	485,620.32	2,065,581.78	0.51	0.83	
1,457.00	8.28	80.61	80.74	-283.73	1,445.97	8.96 S	152.66 E	485,621.28	2,065,595.28	1.81	2.84	
1,548.00	8.08	82.10	82.23	-193.65	1,536.05	7.01 S	165.46 E	485,623.23	2,065,608.08	0.32	5.76	
1,640.00	8.35	81.55	81.68	-102.60	1,627.10	5.14 S	178.47 E	485,625.10	2,065,621.09	0.31	8.63	
1,733.00	8.59	80.48	80.61	-10.61	1,719.09	3.00 S	192.00 E	485,627.24	2,065,634.62	0.31	11.81	
1,833.00	8.04	88.11	88.24	88.34	1,818.04	1.53 S	206.36 E	485,628.71	2,065,648.98	1.23	14.38	
1,927.00	8.10	89.64	89.77	181.41	1,911.11	1.27 S	219.55 E	485,628.97	2,065,662.17	0.24	15.65	
2,022.00	8.23	88.57	88.70	275.45	2,005.15	1.06 S	233.04 E	485,629.18	2,065,675.66	0.21	16.90	
2,117.00	7.80	91.38	91.51	369.52	2,099.22	1.05 S	246.28 E	485,629.19	2,065,688.90	0.61	17.94	
2,212.00	7.87	92.96	93.09	463.63	2,193.33	1.54 S	259.22 E	485,628.70	2,065,701.84	0.24	18.44	
2,307.00	6.87	91.64	91.77	557.85	2,287.55	2.04 S	271.39 E	485,628.20	2,065,714.01	1.07	18.89	
2,402.00	6.40	90.75	90.88	652.21	2,381.91	2.27 S	282.37 E	485,627.97	2,065,724.99	0.51	19.50	
2,497.00	6.43	80.32	80.45	746.62	2,476.32	1.44 S	292.91 E	485,628.80	2,065,735.53	1.23	21.13	
2,592.00	7.74	80.94	81.07	840.89	2,570.59	0.46 N	304.47 E	485,630.70	2,065,747.09	1.38	23.92	
2,687.00	7.63	81.26	81.39	935.04	2,664.74	2.42 N	317.02 E	485,632.66	2,065,759.64	0.12	26.85	
2,782.00	7.83	81.73	81.86	1,029.17	2,758.87	4.31 N	329.66 E	485,634.55	2,065,772.28	0.22	29.71	
2,877.00	6.93	88.93	89.06	1,123.39	2,853.09	5.35 N	341.79 E	485,635.59	2,065,784.41	1.36	31.68	
2,972.00	5.22	100.37	100.50	1,217.85	2,947.55	4.68 N	351.77 E	485,634.92	2,065,794.39	2.20	31.78	
3,067.00	3.20	107.14	107.27	1,312.59	3,042.29	3.12 N	358.56 E	485,633.36	2,065,801.18	2.19	30.75	
3,162.00	1.02	107.98	108.11	1,407.52	3,137.22	2.08 N	361.90 E	485,632.32	2,065,804.52	2.29	29.96	
3,193.00	1.01	84.83	84.96	1,438.52	3,168.22	2.02 N	362.43 E	485,632.26	2,065,805.05	1.31	29.94	

Design Report for Young Trust 2309 #35-1H - 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			
3,225.00	0.95	78.61	78.74	1,470.51	3,200.21	2.10 N	362.97 E	485,632.34	2,065,805.59	0.38	30.06	
3,257.00	2.01	31.06	31.19	1,502.50	3,232.20	2.63 N	363.52 E	485,632.87	2,065,806.14	4.81	30.64	
3,289.00	3.87	13.24	13.37	1,534.46	3,264.16	4.16 N	364.06 E	485,634.40	2,065,806.68	6.41	32.21	
3,320.00	5.90	2.33	2.46	1,565.35	3,295.05	6.77 N	364.36 E	485,637.01	2,065,806.98	7.17	34.83	
3,352.00	8.35	0.13	0.26	1,597.10	3,326.80	10.74 N	364.44 E	485,640.98	2,065,807.06	7.70	38.79	
3,384.00	11.91	358.67	358.80	1,628.59	3,358.29	16.37 N	364.37 E	485,646.61	2,065,806.98	11.15	44.40	
3,415.00	15.32	357.30	357.43	1,658.72	3,388.42	23.66 N	364.10 E	485,653.90	2,065,806.72	11.05	51.65	
3,447.00	18.63	356.33	356.46	1,689.32	3,419.02	32.98 N	363.57 E	485,663.22	2,065,806.19	10.38	60.90	
3,479.00	22.32	355.37	355.50	1,719.29	3,448.99	44.14 N	362.75 E	485,674.38	2,065,805.37	11.58	71.97	
3,510.00	25.87	353.84	353.97	1,747.59	3,477.29	56.74 N	361.55 E	485,686.98	2,065,804.17	11.63	84.43	
3,542.00	28.57	353.43	353.56	1,776.04	3,505.74	71.28 N	359.93 E	485,701.52	2,065,802.55	8.46	98.81	
3,574.00	31.73	353.68	353.81	1,803.71	3,533.41	87.25 N	358.13 E	485,717.49	2,065,800.74	9.88	114.59	
3,605.00	35.16	355.08	355.21	1,829.57	3,559.27	104.25 N	356.46 E	485,734.49	2,065,799.08	11.34	131.42	
3,637.00	38.61	357.38	357.51	1,855.17	3,584.87	123.41 N	355.21 E	485,753.65	2,065,797.83	11.61	150.42	
3,669.00	41.44	358.65	358.78	1,879.67	3,609.37	143.98 N	354.51 E	485,774.22	2,065,797.13	9.20	170.87	
3,700.00	44.22	359.53	359.66	1,902.40	3,632.10	165.05 N	354.18 E	485,795.29	2,065,796.80	9.17	191.85	
3,732.00	47.15	0.40	0.53	1,924.75	3,654.45	187.94 N	354.17 E	485,818.18	2,065,796.79	9.36	214.68	
3,764.00	50.85	0.93	1.06	1,945.74	3,675.44	212.09 N	354.45 E	485,842.33	2,065,797.07	11.63	238.77	
3,795.00	53.77	0.09	0.22	1,964.69	3,694.39	236.61 N	354.67 E	485,866.85	2,065,797.29	9.66	263.24	
3,827.00	57.13	359.57	359.70	1,982.84	3,712.54	262.97 N	354.59 E	485,893.21	2,065,797.21	10.58	289.51	
3,859.00	60.26	359.02	359.15	1,999.47	3,729.17	290.30 N	354.25 E	485,920.54	2,065,796.87	9.89	316.74	
3,891.00	63.37	358.79	358.92	2,014.58	3,744.28	318.50 N	353.71 E	485,948.74	2,065,796.33	9.74	344.81	
3,922.00	66.41	358.94	359.07	2,027.73	3,757.43	346.56 N	353.15 E	485,976.80	2,065,795.77	9.82	372.75	
3,954.00	69.26	359.46	359.59	2,039.80	3,769.50	376.19 N	352.74 E	486,006.43	2,065,795.36	9.03	402.26	
3,986.00	71.69	359.49	359.62	2,050.50	3,780.20	406.35 N	352.46 E	486,036.59	2,065,795.08	7.59	432.30	
4,017.00	74.05	359.72	359.85	2,059.63	3,789.33	435.97 N	352.26 E	486,066.21	2,065,794.88	7.65	461.82	
4,049.00	75.20	0.79	0.92	2,068.11	3,797.81	466.82 N	352.40 E	486,097.06	2,065,795.02	4.83	492.59	
4,081.00	77.06	1.25	1.38	2,075.78	3,805.48	497.88 N	352.95 E	486,128.12	2,065,795.57	5.98	523.60	
4,112.00	80.59	1.13	1.26	2,081.79	3,811.49	528.28 N	353.58 E	486,158.52	2,065,796.20	11.39	553.96	
4,179.11	85.71	0.51	0.64	2,089.79	3,819.49	594.89 N	354.54 E	486,225.13	2,065,797.16	7.68	620.44	Shell Young Trust 2309 #35-1H LP Rev 4
4,208.00	87.91	0.25	0.38	2,091.40	3,821.10	623.73 N	354.73 E	486,253.97	2,065,797.35	7.68	649.21	
4,293.00	89.17	359.69	359.82	2,093.57	3,823.27	708.70 N	354.68 E	486,338.94	2,065,797.30	1.62	733.92	
4,325.00	89.08	359.38	359.51	2,094.06	3,823.76	740.69 N	354.42 E	486,370.93	2,065,797.04	1.01	765.80	
4,420.00	91.08	0.25	0.38	2,093.92	3,823.62	835.69 N	354.12 E	486,465.92	2,065,796.74	2.30	860.49	
4,515.00	91.79	0.98	1.11	2,091.54	3,821.24	930.65 N	355.14 E	486,560.89	2,065,797.76	1.07	955.25	
4,609.00	90.15	1.27	1.40	2,089.95	3,819.65	1,024.61 N	356.98 E	486,654.85	2,065,799.60	1.77	1,049.08	
4,704.00	90.40	1.00	1.13	2,089.50	3,819.20	1,119.59 N	358.86 E	486,749.83	2,065,801.48	0.39	1,143.92	

Design Report for Young Trust 2309 #35-1H - 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			
4,798.00	89.20	0.40	0.53	2,089.82	3,819.52	1,213.59 N	360.01 E	486,843.82	2,065,802.63	1.43	1,237.72	
4,893.00	88.46	0.33	0.46	2,091.76	3,821.46	1,308.56 N	360.62 E	486,938.80	2,065,803.24	0.78	1,332.46	
4,988.00	89.63	0.22	0.35	2,093.35	3,823.05	1,403.55 N	361.07 E	487,033.78	2,065,803.69	1.24	1,427.20	
5,079.00	90.06	359.56	359.69	2,093.59	3,823.29	1,494.55 N	360.90 E	487,124.78	2,065,803.52	0.87	1,517.91	
5,170.00	88.37	358.84	358.97	2,094.84	3,824.54	1,585.52 N	359.63 E	487,215.76	2,065,802.25	2.02	1,608.52	
5,261.00	88.25	358.22	358.35	2,097.52	3,827.22	1,676.45 N	357.29 E	487,306.69	2,065,799.91	0.69	1,699.00	
5,299.68	88.39	358.52	358.65	2,098.66	3,828.36	1,715.10 N	356.19 E	487,345.34	2,065,798.81	0.85	1,737.45	Shell Young Trust 2309 #35-1H IP Rev 4
5,352.00	88.58	358.92	359.05	2,100.04	3,829.74	1,767.39 N	355.02 E	487,397.63	2,065,797.64	0.85	1,789.49	
5,442.00	89.26	0.21	0.34	2,101.74	3,831.44	1,857.37 N	354.34 E	487,487.61	2,065,796.96	1.62	1,879.15	
5,533.00	90.55	1.19	1.32	2,101.89	3,831.59	1,948.36 N	355.45 E	487,578.60	2,065,798.07	1.78	1,969.96	
5,625.00	90.18	0.36	0.49	2,101.30	3,831.00	2,040.35 N	356.70 E	487,670.58	2,065,799.32	0.99	2,061.77	
5,717.00	90.46	0.46	0.59	2,100.79	3,830.49	2,132.34 N	357.36 E	487,762.58	2,065,799.97	0.32	2,153.54	
5,811.00	90.98	359.67	359.80	2,099.61	3,829.31	2,226.34 N	357.46 E	487,856.57	2,065,800.08	1.01	2,247.26	
5,905.00	90.99	359.55	359.68	2,097.99	3,827.69	2,320.32 N	356.82 E	487,950.56	2,065,799.44	0.13	2,340.92	
6,000.00	90.09	0.36	0.49	2,097.10	3,826.80	2,415.31 N	356.75 E	488,045.55	2,065,799.37	1.27	2,435.62	
6,095.00	89.60	0.53	0.66	2,097.35	3,827.05	2,510.31 N	357.49 E	488,140.55	2,065,800.10	0.55	2,530.39	
6,190.00	89.85	0.10	0.23	2,097.81	3,827.51	2,605.31 N	358.01 E	488,235.54	2,065,800.63	0.52	2,625.15	
6,285.00	89.94	359.92	360.05	2,097.98	3,827.68	2,700.31 N	358.02 E	488,330.54	2,065,800.64	0.21	2,719.87	
6,380.00	91.51	359.96	360.09	2,096.78	3,826.48	2,795.30 N	357.92 E	488,425.53	2,065,800.54	1.65	2,814.57	
6,475.00	91.45	359.71	359.84	2,094.33	3,824.03	2,890.26 N	357.65 E	488,520.50	2,065,800.27	0.27	2,909.23	
6,570.00	92.22	359.25	359.38	2,091.29	3,820.99	2,985.21 N	356.79 E	488,615.44	2,065,799.41	0.94	3,003.83	
6,665.00	91.91	359.37	359.50	2,087.86	3,817.56	3,080.14 N	355.65 E	488,710.38	2,065,798.27	0.35	3,098.39	
6,760.00	91.17	359.35	359.48	2,085.31	3,815.01	3,175.10 N	354.59 E	488,805.33	2,065,797.20	0.78	3,192.98	
6,855.00	89.97	0.11	0.24	2,084.36	3,814.06	3,270.09 N	354.14 E	488,900.33	2,065,796.76	1.50	3,287.66	
6,950.00	90.68	359.96	360.09	2,083.83	3,813.53	3,365.09 N	354.20 E	488,995.32	2,065,796.82	0.76	3,382.38	
7,045.00	90.03	0.94	1.07	2,083.24	3,812.94	3,460.08 N	354.94 E	489,090.32	2,065,797.56	1.24	3,477.15	
7,140.00	89.29	0.18	0.31	2,083.80	3,813.50	3,555.08 N	355.87 E	489,185.31	2,065,798.49	1.12	3,571.93	
7,236.00	89.75	0.48	0.61	2,084.60	3,814.30	3,651.07 N	356.42 E	489,281.30	2,065,799.04	0.57	3,667.68	
7,331.00	90.06	0.14	0.27	2,084.76	3,814.46	3,746.07 N	356.94 E	489,376.30	2,065,799.56	0.48	3,762.44	
7,426.00	89.85	0.49	0.62	2,084.84	3,814.54	3,841.07 N	357.46 E	489,471.30	2,065,800.08	0.43	3,857.19	
7,521.00	90.37	0.04	0.17	2,084.65	3,814.35	3,936.07 N	357.90 E	489,566.30	2,065,800.52	0.72	3,951.94	
7,616.00	89.63	359.87	360.00	2,084.65	3,814.35	4,031.07 N	357.82 E	489,661.30	2,065,800.44	0.80	4,046.65	
7,711.00	91.14	359.31	359.44	2,084.02	3,813.72	4,126.06 N	357.14 E	489,756.29	2,065,799.76	1.70	4,141.31	
7,806.00	92.24	359.84	359.97	2,081.21	3,810.91	4,221.01 N	356.44 E	489,851.24	2,065,799.06	1.29	4,235.93	
7,901.00	90.61	0.13	0.26	2,078.85	3,808.55	4,315.98 N	356.42 E	489,946.21	2,065,799.03	1.74	4,330.61	
7,996.00	90.18	359.62	359.75	2,078.20	3,807.90	4,410.98 N	356.21 E	490,041.21	2,065,798.83	0.70	4,425.31	
8,076.00	90.46	359.22	359.35	2,077.75	3,807.45	4,490.97 N	355.40 E	490,121.20	2,065,798.02	0.61	4,505.00	End MWD @ 8076.00 MD



Design Report for Young Trust 2309 #35-1H - 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			
8,130.00	90.46	359.22	359.35	2,077.32	3,807.02	4,544.96	N 354.66 E	490,175.19	2,065,797.28	0.00	4,558.78	Projection to TD @ 8130.00 MD - Shell Young Trust 2309 #35-1H PBHL Rev 4

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Comment
		+N/-S	+E/-W	
141.00	141.00	-0.09	0.15	Start MWD @ 141.00 MD
8,076.00	3,807.45	4,490.97	355.40	End MWD @ 8076.00 MD
8,130.00	3,807.02	4,544.96	354.66	Projection to TD @ 8130.00 MD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin (ft)		Start TVD (ft)
				+N/_S	+E/-W	
User	No Target (Freehand)	4.42	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
141.00	286.00	Run 0100	MWD+SC
368.00	4,208.00	Run 0200	MWD+SC
4,293.00	7,521.00	Run 0300	MWD+SC
7,616.00	8,130.00	Run 0400	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 Young Trust 2309 #35-1H - Wellbore #1

Directional Difficulty Index

Average Dogleg over Survey: 1.97 °/100ft

Maximum Dogleg over Survey: 11.63 °/100ft at 3,764.00 ft

Net Tortosity applicable to Plans: 0.79 °/100ft

Directional Difficulty Index: 6.222

Audit Info

North Reference Sheet for Sec 35-T23S-R09W (Grid) - Young Trust 2309 #35-1H - Wellbore #1

All data is in Feet unless otherwise stated. Directions and Coordinates are relative to Grid North Reference.

Vertical Depths are relative to WELL @ 1729.70ft (Nomac 102 (31.7')). Northing and Easting are relative to Young Trust 2309 #35-1H

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: 0.99993695

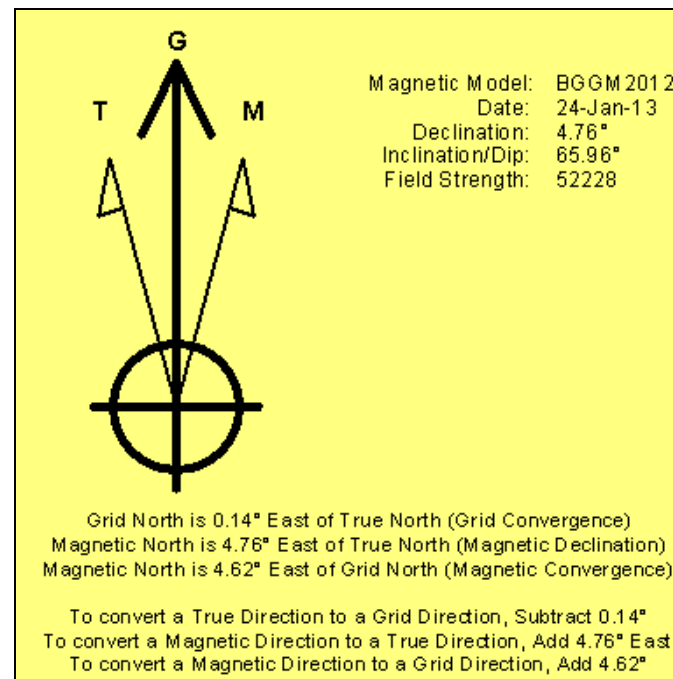
Grid Coordinates of Well: 485,630.24 ft N, 2,065,442.62 ft E

Geographical Coordinates of Well: 38° 00' 00.63" N, 098° 16' 22.40" W

Grid Convergence at Surface is: 0.14°

Based upon Minimum Curvature type calculations, at a Measured Depth of 8,130.00ft the Bottom Hole Displacement is 4,558.78ft in the Direction of 4.46° (Grid).

Magnetic Convergence at surface is: -4.62° (24 January 2013, , BGGM2012)



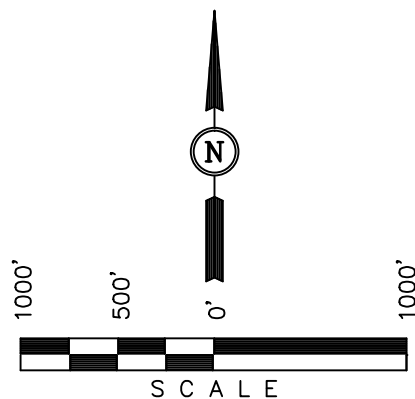
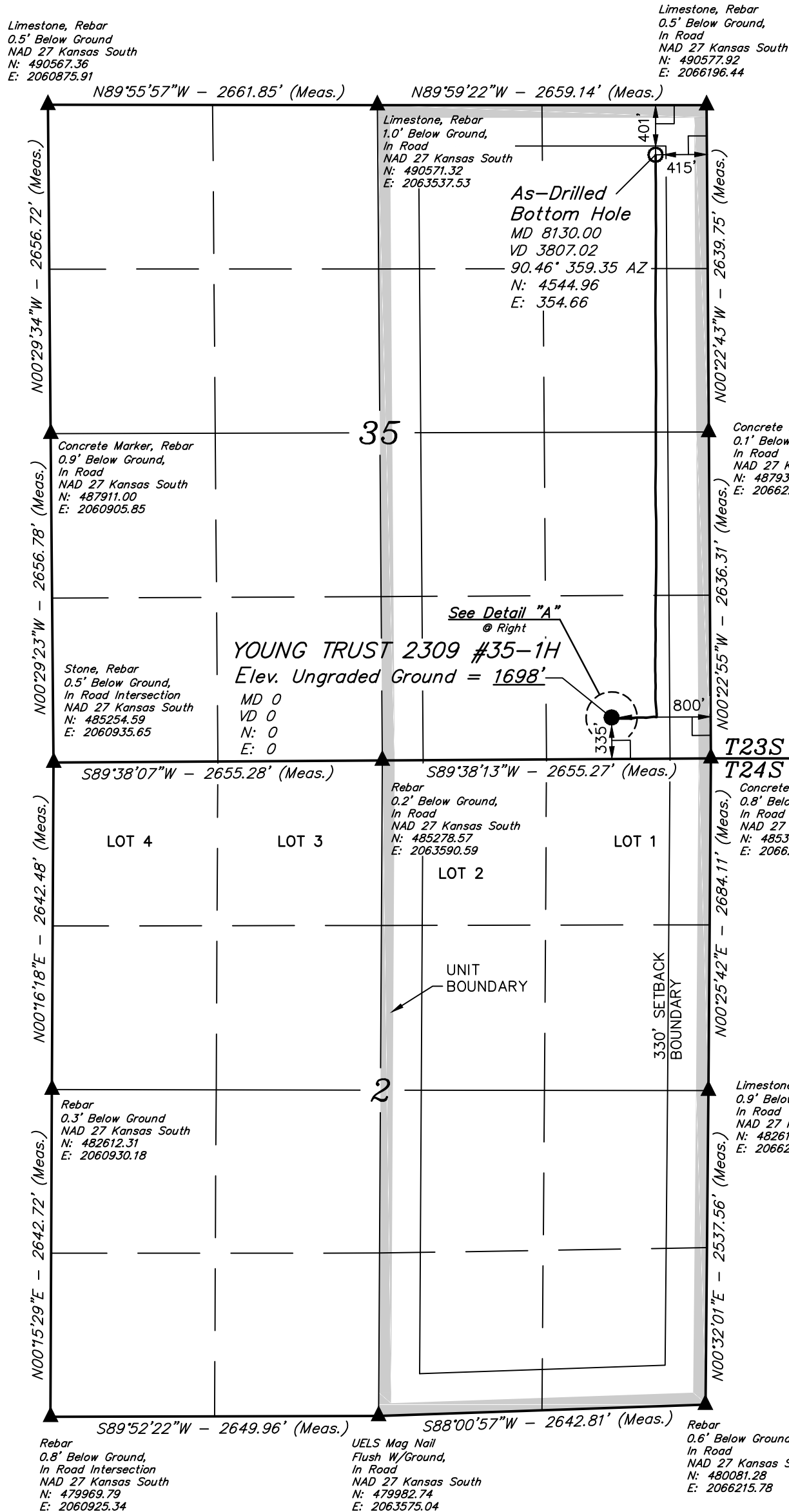
Well location, YOUNG TRUST 2309 #35-1H, located as shown in the SE 1/4 SE 1/4 of Section 35, T23S, R9W, 6th P.M., Reno County, Kansas.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 18, T23S, R8W, 6th P.M. TAKEN FROM THE ALDEN SE, QUADRANGLE, KANSAS, RENO COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID ELEVATION IS MARKED AS BEING 1688 FEET.

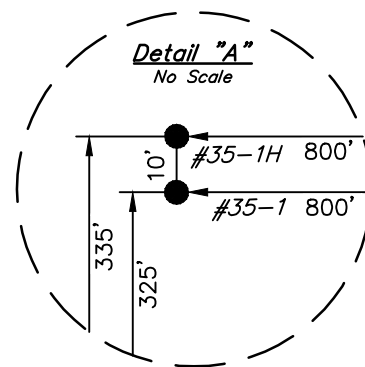
BASIS OF BEARINGS

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



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 1451
STATE OF UTAH

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

NAD 83 (#35-1H AS-DRILLED BOTTOM HOLE) LATITUDE = 38°00'45.61" (38.012669) LONGITUDE = 98°16'19.22" (98.272006)	NAD 83 (#35-1H SURFACE LOCATION) LATITUDE = 38°00'00.68" (38.000189) LONGITUDE = 98°16'23.64" (98.273233)	SCALE 1" = 1000'	DATE SURVEYED: 10-16-12	DATE DRAWN: 04-04-13
NAD 27 (#35-1H AS-DRILLED BOTTOM HOLE) LATITUDE = 38°00'45.56" (38.012656) LONGITUDE = 98°16'17.98" (98.271661)	NAD 27 (#35-1H SURFACE LOCATION) LATITUDE = 38°00'00.63" (38.000175) LONGITUDE = 98°16'22.40" (98.272889)	PARTY B.L. T.B. C.A.G.	REFERENCES G.L.O. PLAT	
STATE PLANE NAD 27 (KANSAS SOUTH) N: 490175.79 E: 2065785.12	STATE PLANE NAD 27 (KANSAS SOUTH) N: 485630.24 E: 2065442.62	WEATHER WARM	FILE SGOMI	

Summary of Changes

Lease Name and Number: Young Trust 2309 35-1H

API/Permit #: 15-155-21613-01-00

Doc ID: 1136280

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	346
Approved Date	01/09/2013	04/29/2013
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	30	Attached
CasingTypeOfCementPDF_1	1/2 Portland Cmt	Attached
CasingWeightPDF_1	47.76	Attached

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Completion Or Recompletion Date	12/08/2012	04/23/2013
Date Reached TD	12/08/2012	03/22/2013
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		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		4271'
Production Interval #2		7853'
Purchaser's Name	CONDUCTOR ONLY	
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1107259	../../../../kcc/detail/operatorEditDetail.cfm?docID=1136280
Spud Or Recompletion Date	12/08/2012	02/20/2013
TopsDepth1		2260
TopsDepth2		3100
TopsDepth3		4023
TopsName1	CONDUCTOR ONLY	Onaga
TopsName2		Stalnaker
TopsName3		Mississippi
Total Depth	60	8130
Tubing Packer At		N/A

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Tubing Record - Set At		3218
Tubing Size		2.875

Summary of Attachments

Lease Name and Number: Young Trust 2309 35-1H

API: 15-155-21613-01-00

Doc ID: 1136280

Correction Number: 1

Attachment Name

YOUNG TRUST 2309 #35-1H Conductor record

YOUNG TRUST 2309 #35-1H Surface Cement

YOUNG TRUST 2309 #35-1H Intermediate Cement

YOUNG TRUST 2309 #35-1H Liner Cement

Shell Young Trust 2309 #35-1H Final Survey

YOUNG TRUST #35-1H- 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
-----------------------------------	-----------------	---

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: _____

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 Geologist Report / Mud Logs <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
--	---

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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

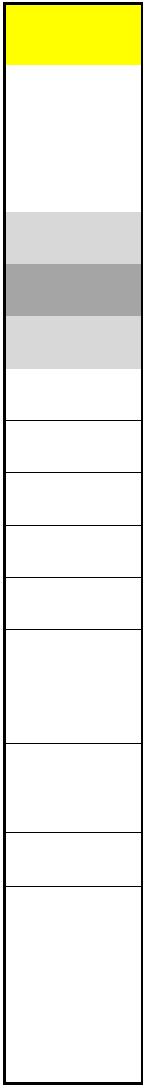
DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
---	---	------------------------------------

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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SHELL GULF OF MEXICO, INC. (34574)	YOUNG TRUST 2309-35	
PETE MARTIN DRILLING (34645) (SET THE CONDUCTOR)	1-H Conductor	1-H Mouse Hole
Call in DATE OF SPUD	12/7/2012	
spud in date	12/8/2012	12/11/2012
T.D date	12/8/2012	12/11/2012
Size Hole Drilled	30"	24"
Size Caseing Set (in O.D)	18"	14"
conductor wall thickness	250	188
Weight Lbs./Ft.	47.76	27.76
Setting Depth	60'	78'
Type of Cement	Type 1/2 portland cement	Type 1/2 portland cement
Cubic yards of cement	6cyd	7cyd
2500 PSI Grout Mix	yes	yes
Type and Percent of Additives	15% fly ash	15% fly ash

Size Caseing Set (in O.D)		
Weight Lbs./Ft.		
Setting Depth		
Type of Cement		
# of Sacks Used		
Type and Percent of Additives		
Purpose of String		



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 09, 2013

Damonica Pierson
Shell Gulf of Mexico Inc.
150 N DAIRY-ASHFORD (77079)
PO BOX 576 (77001-0576)
HOUSTON, TX 77001-0576

Re: ACO1
API 15-155-21613-01-00
Young Trust 2309 35-1H
SE/4 Sec.35-23S-09W
Reno County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Damonica Pierson