



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1082259  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

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: \_\_\_\_\_

1082259

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Lockwood Farms 3307 14-1H
Doc ID	1082259

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
1	P-Sleeve Packer @5366	Frac w/88,969# Proppant	5569'
1	P-Sleeve Packer @5572	Frac w/91,486# Proppant	5977'
1	P-Sleeve Packer @6181	Frac w/83,418# Proppant	6383'
1	P-Sleeve Packer @6587	Frac w/98,216# Proppant	6790'
1	P-Sleeve Packer @6994	Frac w/100,077# Proppant	7198'
1	P-Sleeve Packer @7401	Frac w/106,790# Proppant	7604'
1	P-Sleeve Packer @7808	Frac w/102,096# Proppant	8013'
1	P-Sleeve Packer @8215	Frac w/103,385# Proppant	8418'
1	P-Sleeve Packer @8620	Frac w/101,16# Proppant	8823'
1	P-Sleeve Packer @9026	Frac w/97,205# Proppant	9230'

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Lockwood Farms 3307 14-1H
Doc ID	1082259

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	24	18	47.44	92	1/2 Portland	26.38	15% Fly Ash
Surface	12.25	9.625	36	716	Class C	325	CaCl, Celloflake
Intermediate	8.75	7	23	5207	50:50 Poz C	950	NaCl, Celloflake
Liner	6.125	4.5	11.6	9428	N/A	0	N/A

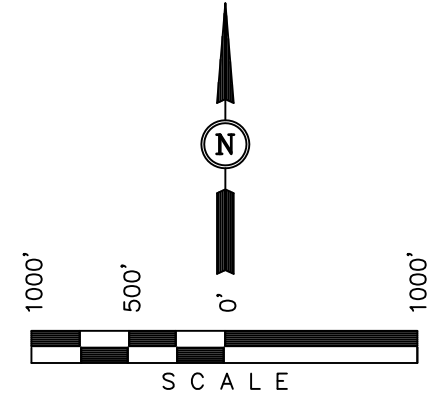
Well location, LOCKWOOD FARMS 3307 #14-1H, located as shown in the SW 1/4 SW 1/4 of Section 14, T33S, R7W, 6th P.M., Harper County, Kansas.

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	BEARING	LENGTH
L1	S00°20'39"E	515.67'

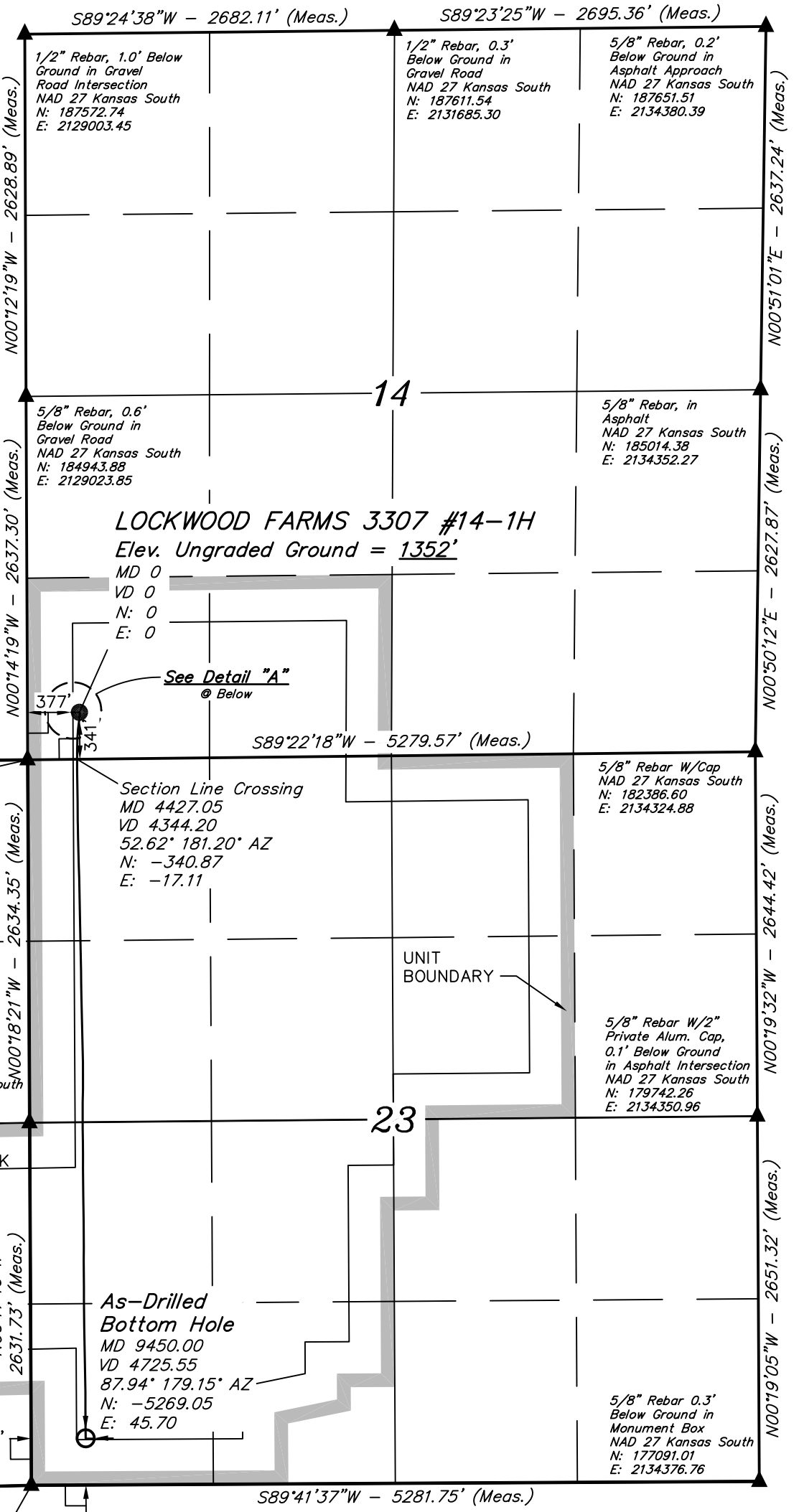
NW Cor. Sec. 22  
3/4" Iron Pipe,  
0.6' Below Ground  
in Gravel Road  
Intersection  
NAD 27 Kansas South  
N: 182219.40  
E: 2123718.62

S89°17'38"W  
2663.66' (Meas.)

5/8" Rebar  
W/Yellow Cap  
Marked Floritt  
LS 1155  
NAD 27 Kansas South  
N: 182263.35  
E: 2126381.96

S89°18'32"W  
2664.21' (Meas.)

2" Private Alum.  
Cap, 1.0' Below  
Ground in Gravel  
Road Intersection  
NAD 27 Kansas South  
N: 182306.63  
E: 2129045.85



LOCKWOOD FARMS 3307 #14-1H  
Elev. Ungraded Ground = 1352'

MD 0  
VD 0  
N: 0  
E: 0

See Detail "A"  
Below

Section Line Crossing  
MD 4427.05  
VD 4344.20  
52.62° 181.20° AZ  
N: -340.87  
E: -17.11

UNIT  
BOUNDARY

As-Drilled  
Bottom Hole  
MD 9450.00  
VD 4725.55  
87.94° 179.15° AZ  
N: -5269.05  
E: 45.70

5/8" Rebar W/Cap  
NAD 27 Kansas South  
N: 182386.60  
E: 2134324.88

5/8" Rebar W/2"  
Private Alum. Cap,  
0.1' Below Ground  
in Asphalt Intersection  
NAD 27 Kansas South  
N: 179742.26  
E: 2134350.96

5/8" Rebar 0.3'  
Below Ground in  
Monument Box  
NAD 27 Kansas South  
N: 177091.01  
E: 2134376.76

Flagged Nail  
in Asphalt  
NAD 27 Kansas South  
N: 176964.17  
E: 2126412.62

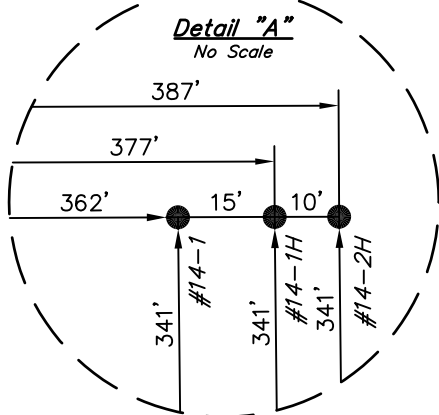
S88°37'27"W  
2687.29' (Meas.)

SW Cor. Sec. 22  
5/8" Rebar 0.1'  
Below Ground in  
Asphalt Highway  
NAD 27 Kansas South  
N: 176888.43  
E: 2123726.35

S88°36'21"W - 2683.59' (Meas.)

2" KDOT Alum. Cap  
0.4' Below Ground  
in Asphalt Highway  
NAD 27 Kansas South  
N: 177040.68  
E: 2129095.16

S89°41'37"W - 5281.75' (Meas.)

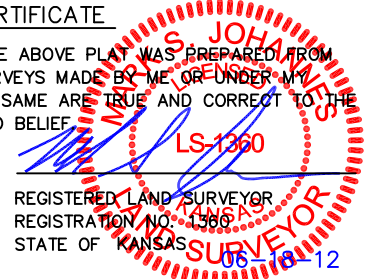


LEGEND:

- └─┘ = 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.



REVISED: 06-12-12  
REVISED: 06-07-12

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

NAD 83 (#14-1 AS-DRILLED BOTTOM HOLE) LATITUDE = 37°09'10.81" (37.153003) LONGITUDE = 98°03'21.84" (98.056067)	NAD 83 (#14-1H SURFACE LOCATION) LATITUDE = 37°10'02.90" (37.167472) LONGITUDE = 98°03'22.36" (98.056211)	SCALE 1" = 1000'	DATE SURVEYED: 10-05-11	DATE DRAWN: 05-21-12
NAD 27 (#14-1 AS-DRILLED BOTTOM HOLE) LATITUDE = 37°09'10.73" (37.152981) LONGITUDE = 98°03'20.61" (98.055725)	NAD 27 (#14-1H SURFACE LOCATION) LATITUDE = 37°10'02.82" (37.167450) LONGITUDE = 98°03'21.14" (98.055872)	PARTY L.S. K.H. C.C.	REFERENCES G.L.O. PLAT	
STATE PLANE NAD 27 (KANSAS SOUTH) N: 177384.09 E: 2129487.94	STATE PLANE NAD 27 (KANSAS SOUTH) N: 182653.01 E: 2129420.23	WEATHER COOL	FILE SGOMI	

# Shell Exploration & Production Co. Inc.

Harper Co. (NAD-27)

Sec 14-T33S-R07W

Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102

Wellbore #1

Design: Wellbore #1

## Sperry Drilling Services

# Combo Report With Grid North & True North

03 April, 2012

Well Coordinates: 182,652.63 N, 2,129,423.39 E (37° 10' 02.82" N, 098° 03' 21.10" W)

Ground Level: 1,350.40 ft

Local Coordinate Origin: Centered on Well Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102

Viewing Datum: WELL @ 1382.10ft (Original Well Elev)

TVDs to System: N

North Reference: True

Unit System: API-US New

Version: 2003.21 Build: 43

**HALLIBURTON**

## Design Report for Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - 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	359.71	0.00	-1,382.10	0.00	0.00 N	0.00 E	182,652.63	2,129,423.39	0.00	0.00	
200.00	0.73	244.18	244.47	-1,182.11	199.99	0.55 S	1.15 W	182,652.08	2,129,422.24	0.37	1.26	First MWD Survey
265.00	0.26	257.96	258.25	-1,117.11	264.99	0.76 S	1.67 W	182,651.87	2,129,421.72	0.74	1.81	
355.00	0.54	257.39	257.68	-1,027.11	354.99	0.89 S	2.28 W	182,651.73	2,129,421.11	0.31	2.44	
416.00	0.33	244.22	244.51	-966.11	415.99	1.03 S	2.72 W	182,651.59	2,129,420.67	0.38	2.90	
508.00	0.03	62.75	63.04	-874.11	507.99	1.13 S	2.94 W	182,651.49	2,129,420.45	0.39	3.14	
601.00	0.30	304.47	304.76	-781.11	600.99	0.98 S	3.12 W	182,651.64	2,129,420.28	0.34	3.27	
654.00	0.09	206.75	207.04	-728.11	653.99	0.94 S	3.25 W	182,651.68	2,129,420.14	0.61	3.38	
761.00	0.20	300.87	301.16	-621.11	760.99	0.92 S	3.45 W	182,651.70	2,129,419.94	0.21	3.57	
915.00	0.23	85.09	85.38	-467.11	914.99	0.75 S	3.37 W	182,651.86	2,129,420.02	0.27	3.45	
1,098.00	0.40	42.67	42.96	-284.12	1,097.98	0.25 S	2.57 W	182,652.36	2,129,420.82	0.15	2.54	
1,289.00	0.19	261.74	262.03	-93.12	1,288.98	0.19 N	2.43 W	182,652.81	2,129,420.96	0.29	2.28	
1,481.00	0.09	63.68	63.97	98.88	1,480.98	0.21 N	2.61 W	182,652.83	2,129,420.78	0.14	2.45	
1,673.00	0.44	83.26	83.55	290.88	1,672.98	0.36 N	1.74 W	182,652.98	2,129,421.65	0.19	1.57	
1,865.00	0.57	142.46	142.75	482.87	1,864.97	0.32 S	0.43 W	182,652.31	2,129,422.96	0.27	0.50	
2,057.00	0.53	157.77	158.06	674.86	2,056.96	1.90 S	0.48 E	182,650.73	2,129,423.88	0.08	0.07	
2,248.00	0.18	130.94	131.23	865.86	2,247.96	2.92 S	1.04 E	182,649.72	2,129,424.44	0.20	-0.19	
2,439.00	0.30	90.29	90.58	1,056.86	2,438.96	3.12 S	1.76 E	182,649.52	2,129,425.16	0.11	-0.83	
2,630.00	0.69	131.46	131.75	1,247.85	2,629.95	3.89 S	3.12 E	182,648.75	2,129,426.53	0.26	-1.92	
2,821.00	0.63	186.54	186.83	1,438.84	2,820.94	5.70 S	3.85 E	182,646.95	2,129,427.27	0.32	-2.12	
3,013.00	0.51	187.49	187.78	1,630.83	3,012.93	7.60 S	3.61 E	182,645.05	2,129,427.04	0.06	-1.36	
3,205.00	0.37	162.31	162.60	1,822.83	3,204.93	9.03 S	3.68 E	182,643.62	2,129,427.11	0.12	-1.03	
3,396.00	0.07	73.97	74.26	2,013.82	3,395.92	9.59 S	3.98 E	182,643.06	2,129,427.41	0.20	-1.16	
3,588.00	0.03	258.84	259.13	2,205.82	3,587.92	9.57 S	4.04 E	182,643.08	2,129,427.48	0.05	-1.23	
3,652.00	0.39	247.69	247.98	2,269.82	3,651.92	9.65 S	3.82 E	182,643.00	2,129,427.26	0.56	-1.00	
3,684.00	0.19	304.23	304.52	2,301.82	3,683.92	9.66 S	3.68 E	182,642.99	2,129,427.11	1.02	-0.86	
3,716.00	1.25	202.02	202.31	2,333.82	3,715.92	9.96 S	3.50 E	182,642.69	2,129,426.94	4.07	-0.61	
3,748.00	2.98	182.50	182.79	2,365.80	3,747.90	11.11 S	3.33 E	182,641.54	2,129,426.77	5.78	-0.12	
3,780.00	4.33	185.29	185.58	2,397.73	3,779.83	13.14 S	3.17 E	182,639.50	2,129,426.62	4.25	0.60	
3,812.00	6.00	185.73	186.02	2,429.60	3,811.70	16.01 S	2.88 E	182,636.64	2,129,426.34	5.22	1.67	
3,845.00	8.24	187.62	187.91	2,462.35	3,844.45	20.07 S	2.37 E	182,632.58	2,129,425.86	6.82	3.28	
3,877.00	10.90	186.07	186.36	2,493.90	3,876.00	25.35 S	1.72 E	182,627.29	2,129,425.23	8.35	5.37	
3,909.00	13.06	185.71	186.00	2,525.20	3,907.30	31.95 S	1.01 E	182,620.69	2,129,424.55	6.75	7.89	
3,941.00	15.55	186.06	186.35	2,556.20	3,938.30	39.81 S	0.16 E	182,612.82	2,129,423.73	7.79	10.89	
3,973.00	18.62	187.07	187.36	2,586.79	3,968.89	49.14 S	0.97 W	182,603.49	2,129,422.65	9.64	14.56	
4,005.00	21.79	186.49	186.78	2,616.81	3,998.91	60.11 S	2.33 W	182,592.51	2,129,421.35	9.93	18.90	
4,037.00	25.12	185.68	185.97	2,646.17	4,028.27	72.77 S	3.74 W	182,579.85	2,129,420.00	10.45	23.76	

**Design Report for Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - 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			
4,069.00	28.03	185.47	185.76	2,674.78	4,056.88	87.00 S	5.20 W	182,565.60	2,129,418.60	9.10	29.11	
4,100.00	28.56	186.84	187.13	2,702.08	4,084.18	101.61 S	6.85 W	182,550.99	2,129,417.02	2.70	34.75	
4,133.00	29.18	186.58	186.87	2,730.98	4,113.08	117.42 S	8.79 W	182,535.17	2,129,415.16	1.92	41.00	
4,164.00	30.16	185.52	185.81	2,757.91	4,140.01	132.67 S	10.48 W	182,519.91	2,129,413.54	3.59	46.85	
4,196.00	31.73	184.75	185.04	2,785.36	4,167.46	149.05 S	12.04 W	182,503.52	2,129,412.06	5.06	52.88	
4,228.00	34.10	183.96	184.25	2,812.22	4,194.32	166.38 S	13.44 W	182,486.19	2,129,410.74	7.53	59.04	
4,260.00	36.14	181.90	182.19	2,838.39	4,220.49	184.76 S	14.47 W	182,467.81	2,129,409.80	7.37	65.12	
4,292.00	38.13	180.02	180.31	2,863.90	4,246.00	204.07 S	14.88 W	182,448.49	2,129,409.48	7.16	70.87	
4,326.00	40.37	179.54	179.83	2,890.23	4,272.33	225.58 S	14.90 W	182,426.98	2,129,409.56	6.65	76.86	
4,358.00	43.44	180.32	180.61	2,914.04	4,296.14	246.95 S	14.99 W	182,405.61	2,129,409.57	9.73	82.86	
4,390.00	46.70	181.62	181.91	2,936.64	4,318.74	269.59 S	15.50 W	182,382.97	2,129,409.18	10.59	89.63	
4,422.00	50.38	180.81	181.10	2,957.83	4,339.93	293.56 S	16.12 W	182,358.99	2,129,408.67	11.66	96.87	
4,454.00	53.62	180.97	181.26	2,977.52	4,359.62	318.77 S	16.64 W	182,333.78	2,129,408.27	10.13	104.36	
4,486.00	56.63	180.91	181.20	2,995.82	4,377.92	345.01 S	17.20 W	182,307.54	2,129,407.83	9.41	112.18	
4,518.00	59.15	180.45	180.74	3,012.83	4,394.93	372.11 S	17.66 W	182,280.44	2,129,407.50	7.97	120.13	
4,582.00	64.60	178.10	178.39	3,042.99	4,425.09	428.53 S	17.20 W	182,224.03	2,129,408.23	9.11	135.33	
4,646.00	66.27	178.45	178.74	3,069.59	4,451.69	486.71 S	15.75 W	182,165.85	2,129,409.96	2.66	150.06	
4,678.00	66.46	178.51	178.80	3,082.42	4,464.52	516.02 S	15.12 W	182,136.54	2,129,410.73	0.62	157.58	
4,710.00	66.56	178.27	178.56	3,095.18	4,477.28	545.36 S	14.44 W	182,107.21	2,129,411.54	0.76	165.06	
4,742.00	67.27	178.91	179.20	3,107.73	4,489.83	574.80 S	13.87 W	182,077.78	2,129,412.26	2.88	172.67	
4,774.00	69.10	178.94	179.23	3,119.62	4,501.72	604.50 S	13.46 W	182,048.07	2,129,412.81	5.72	180.51	
4,806.00	71.52	179.00	179.29	3,130.40	4,512.50	634.62 S	13.07 W	182,017.95	2,129,413.34	7.56	188.49	
4,838.00	73.99	179.18	179.47	3,139.88	4,521.98	665.18 S	12.74 W	181,987.40	2,129,413.82	7.74	196.65	
4,869.00	76.57	179.82	180.11	3,147.76	4,529.86	695.16 S	12.63 W	181,957.42	2,129,414.07	8.56	204.85	
4,901.00	78.36	179.57	179.86	3,154.70	4,536.80	726.40 S	12.62 W	181,926.18	2,129,414.22	5.65	213.50	
4,933.00	80.24	178.99	179.28	3,160.65	4,542.75	757.84 S	12.39 W	181,894.74	2,129,414.61	6.14	221.99	
4,965.00	82.25	178.68	178.97	3,165.52	4,547.62	789.46 S	11.90 W	181,863.12	2,129,415.24	6.35	230.29	
4,997.00	84.14	178.91	179.20	3,169.31	4,551.41	821.23 S	11.40 W	181,831.36	2,129,415.90	5.95	238.61	
5,093.00	88.89	178.55	178.84	3,175.14	4,557.24	917.01 S	9.76 W	181,735.59	2,129,418.00	4.96	263.59	
5,193.00	90.49	178.25	178.54	3,175.68	4,557.78	1,016.98 S	7.47 W	181,635.63	2,129,420.76	1.63	289.11	
5,287.00	90.55	177.52	177.81	3,174.83	4,556.93	1,110.93 S	4.48 W	181,541.70	2,129,424.20	0.78	312.28	
5,379.00	88.74	178.30	178.59	3,175.40	4,557.50	1,202.88 S	1.59 W	181,449.76	2,129,427.53	2.14	334.99	
5,502.00	90.52	178.83	179.12	3,176.19	4,558.29	1,325.84 S	0.87 E	181,326.81	2,129,430.57	1.51	366.72	
5,594.00	89.08	178.35	178.64	3,176.51	4,558.61	1,417.82 S	2.67 E	181,234.84	2,129,432.81	1.65	390.49	
5,686.00	88.31	179.08	179.37	3,178.61	4,560.71	1,509.78 S	4.27 E	181,142.89	2,129,434.84	1.15	414.45	
5,779.00	86.88	178.47	178.76	3,182.51	4,564.61	1,602.69 S	5.78 E	181,049.99	2,129,436.80	1.67	438.75	
5,871.00	87.91	178.34	178.63	3,186.69	4,568.79	1,694.57 S	7.87 E	180,958.13	2,129,439.33	1.13	462.21	



**Design Report for Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - 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
5,963.00	89.35	178.35	178.64	3,188.89	4,570.99	1,786.51 S	10.07 E	180,866.19	2,129,441.96	1.57	485.59	
6,055.00	88.31	178.76	179.05	3,190.77	4,572.87	1,878.47 S	11.92 E	180,774.24	2,129,444.26	1.22	509.31	
6,147.00	89.54	179.10	179.39	3,192.50	4,574.60	1,970.44 S	13.17 E	180,682.28	2,129,445.95	1.39	533.60	
6,240.00	90.68	179.01	179.30	3,192.32	4,574.42	2,063.44 S	14.23 E	180,589.29	2,129,447.45	1.23	558.36	
6,336.00	88.40	178.03	178.32	3,193.09	4,575.19	2,159.41 S	16.23 E	180,493.33	2,129,449.90	2.59	583.05	
6,432.00	86.79	178.45	178.74	3,197.12	4,579.22	2,255.29 S	18.69 E	180,397.46	2,129,452.82	1.73	607.26	
6,528.00	88.27	177.63	177.92	3,201.26	4,583.36	2,351.15 S	21.48 E	180,301.61	2,129,456.07	1.76	631.16	
6,623.00	87.07	178.54	178.83	3,205.12	4,587.22	2,446.03 S	24.18 E	180,206.75	2,129,459.22	1.58	654.87	
6,719.00	88.43	178.43	178.72	3,208.89	4,590.99	2,541.94 S	26.23 E	180,110.85	2,129,461.72	1.42	679.49	
6,815.00	91.11	180.86	181.15	3,209.27	4,591.37	2,637.92 S	26.34 E	180,014.87	2,129,462.29	3.77	705.99	
6,911.00	88.28	180.36	180.65	3,209.78	4,591.88	2,733.90 S	24.83 E	179,918.89	2,129,461.24	2.99	734.05	
7,007.00	86.86	180.21	180.50	3,213.85	4,595.95	2,829.80 S	23.87 E	179,822.98	2,129,460.73	1.49	761.56	
7,103.00	86.55	179.81	180.10	3,219.37	4,601.47	2,925.64 S	23.36 E	179,727.14	2,129,460.69	0.53	788.61	
7,199.00	86.23	179.16	179.45	3,225.42	4,607.52	3,021.45 S	23.74 E	179,631.34	2,129,461.52	0.75	814.81	
7,295.00	86.34	178.29	178.58	3,231.64	4,613.74	3,117.23 S	25.39 E	179,535.56	2,129,463.62	0.91	839.78	
7,392.00	86.02	180.16	180.45	3,238.10	4,620.20	3,214.01 S	26.21 E	179,438.79	2,129,464.90	1.95	865.82	
7,488.00	87.22	180.20	180.49	3,243.76	4,625.86	3,309.84 S	25.42 E	179,342.96	2,129,464.57	1.25	893.15	
7,584.00	86.30	178.36	178.65	3,249.19	4,631.29	3,405.68 S	26.14 E	179,247.13	2,129,465.75	2.14	919.02	
7,680.00	87.10	178.53	178.82	3,254.71	4,636.81	3,501.49 S	28.25 E	179,151.32	2,129,468.32	0.85	943.55	
7,776.00	86.94	178.99	179.28	3,259.70	4,641.80	3,597.35 S	29.84 E	179,055.47	2,129,470.37	0.51	968.60	
7,872.00	88.24	179.18	179.47	3,263.74	4,645.84	3,693.26 S	30.89 E	178,959.57	2,129,471.87	1.37	994.18	
7,968.00	87.52	179.61	179.90	3,267.29	4,649.39	3,789.19 S	31.42 E	178,863.64	2,129,472.85	0.87	1,020.27	
8,064.00	86.89	179.94	180.23	3,271.97	4,654.07	3,885.07 S	31.31 E	178,767.76	2,129,473.20	0.74	1,046.96	
8,160.00	87.60	179.57	179.86	3,276.59	4,658.69	3,980.96 S	31.23 E	178,671.87	2,129,473.58	0.83	1,073.61	
8,256.00	86.08	179.43	179.72	3,281.88	4,663.98	4,076.81 S	31.58 E	178,576.02	2,129,474.39	1.59	1,099.85	
8,352.00	87.38	178.44	178.73	3,287.35	4,669.45	4,172.64 S	32.88 E	178,480.20	2,129,476.15	1.70	1,125.17	
8,448.00	86.92	179.82	180.11	3,292.13	4,674.23	4,268.52 S	33.85 E	178,384.33	2,129,477.57	1.51	1,150.81	
8,543.00	86.76	180.05	180.34	3,297.36	4,679.46	4,363.37 S	33.48 E	178,289.48	2,129,477.65	0.29	1,177.47	
8,639.00	87.50	178.54	178.83	3,302.17	4,684.27	4,459.25 S	34.17 E	178,193.61	2,129,478.80	1.75	1,203.38	
8,735.00	86.86	178.52	178.81	3,306.89	4,688.99	4,555.11 S	36.15 E	178,097.76	2,129,481.23	0.67	1,228.06	
8,831.00	85.69	178.32	178.61	3,313.13	4,695.23	4,650.88 S	38.31 E	178,002.00	2,129,483.85	1.24	1,252.53	
8,927.00	87.44	178.50	178.79	3,318.88	4,700.98	4,746.68 S	40.48 E	177,906.21	2,129,486.48	1.83	1,277.00	
9,022.00	86.83	178.75	179.04	3,323.63	4,705.73	4,841.54 S	42.28 E	177,811.35	2,129,488.73	0.69	1,301.58	
9,118.00	87.35	179.19	179.48	3,328.50	4,710.60	4,937.41 S	43.51 E	177,715.49	2,129,490.42	0.71	1,326.96	
9,214.00	87.72	180.03	180.32	3,332.63	4,714.73	5,033.32 S	43.68 E	177,619.59	2,129,491.05	0.96	1,353.39	
9,310.00	86.52	179.19	179.48	3,337.46	4,719.56	5,129.20 S	43.85 E	177,523.71	2,129,491.67	1.53	1,379.81	
9,388.00	87.94	178.86	179.15	3,341.23	4,723.33	5,207.10 S	44.78 E	177,445.82	2,129,492.97	1.87	1,400.51	Last MWD Survey



Design Report for Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - 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			
9,450.00	87.94	178.86	179.15	3,343.45	4,725.55	5,269.05 S	45.70 E	177,383.87	2,129,494.19	0.00	1,416.80	Projection to TD

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates (ft)		Comment
		+N/-S	+E/-W	
200.00	199.99	-0.55	-1.15	First MWD Survey
9,388.00	4,723.33	-5,207.10	44.78	Last MWD Survey
9,450.00	4,725.55	-5,269.05	45.70	Projection to TD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin (ft)		Start TVD (ft)
				+N/_S	+E/-W	
User	No Target (Freehand)	253.91	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
200.00	9,450.00	MWD	MWD+SC

Design Targets

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

Directional Difficulty Index

Average Dogleg over Survey: 1.70 °/100ft      Maximum Dogleg over Survey: 11.66 °/100ft at 4,422.00 ft

Net Tortousity applicable to Plans: 0.60 °/100ft      Directional Difficulty Index: 6.230

Design Report for Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - Wellbore #1

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Audit Info

## North Reference Sheet for Sec 14-T33S-R07W - Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102 - 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 @ 1382.10ft (Original Well Elev). Northing and Easting are relative to Lockwood Farms 3307 14-1H/ Job# 9199477/ Nabors 102

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: 1.00002098

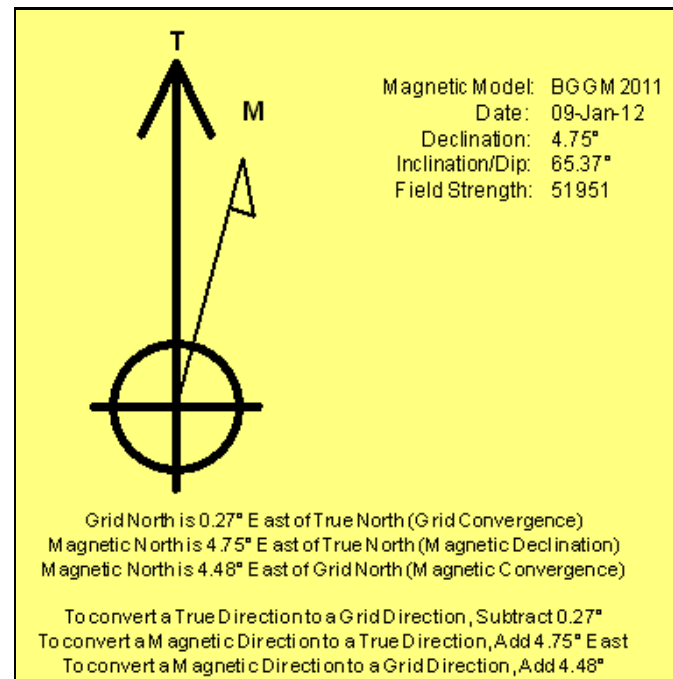
Grid Coordinates of Well: 182,652.63 ft N, 2,129,423.39 ft E

Geographical Coordinates of Well: 37° 10' 02.82" N, 098° 03' 21.10" W

Grid Convergence at Surface is: 0.27°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,450.00ft the Bottom Hole Displacement is 5,269.25ft in the Direction of 179.50° (True).

Magnetic Convergence at surface is: -4.48° ( 9 January 2012, , BGGM2011)



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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 10, 2012

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

Re: ACO1  
API 15-077-21772-01-00  
Lockwood Farms 3307 14-1H  
SW/4 Sec.14-33S-07W  
Harper 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

# CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 05-FEB-12	F.R. # 1001886024	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME LOCKWOOD FARMS 3307 #14-1H - API 1507721772-0114-33S-7W	LOCATION 14-33S-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, Phc	Centralizer, with Fins, 9-5/8 in						

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	
Fresh Water			8.34					20	
15:85 (Poz:C) + 8% bentonite + 2% CaCl + .25pps Cel		174	12.7	2.04	11.2	04:45	63.59	46.67	
C + 2% CaCl + 0.25 pps Celloflake + 0.01% Static f		250	14.8	1.35	6.34	03:15	60.1	37.73	
Fresh water			8.34					51.88	
Available Mix Water <u>400</u> Bbl.		Available Displ. Fluid <u>300</u> Bbl.		TOTAL		<u>195.57</u>		<u>84.41</u>	

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25		721	8.921	9.625	36	CSG	716	716	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.
17.	18	84		60	60					9.625	8RD	FRESH WATER	8.34

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	
51.9	BBLS	Fresh water	8.34	224					2816	1500	Rig Tank

**EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:** Arrive on Location 2100, sweep hole, pulling drill pipe, Running Casin 9

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	3537 PSI
21:00						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
17:42	3542				WATER	Arrive on Location 2/4/2012	
17:44	69		5		WATER	test pumps & lines	
17:47	103		6	20	WATER	open well/start water ahead	
17:57	289		5.6	55	LEAD	end water ahead/start slurry @ 12.7ppg	
17:59	155		4	61	LEAD	bbls pumped when lead slurry @ shoe	
18:04	417		6	34	TAIL	end lead slurry/Start tail slurry @ 14.8ppg	
18:07	396		4	55	TAIL	cement return to surface	
18:10	213		4	62	TAIL	tail cement @ shoe	
18:12	86		6		WATER	end tail shutdown	
18:21	273		3	45	WATER	drop TRP/start displacement	
18:25	920		3	52.8	WATER	slow to bump plug	
18:28	0			-25	WATER	bump plug	
						check float/ holding/ bbls return	
						75 bbls cement return to surface	
						Thank you for using BHI Pressure Pumping Services	
						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	918	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	75	195	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

## CEMENT JOB REPORT



CUSTOMER SHELL WESTERN E & P INC	DATE 14-MAR-12	F.R. # 1001894669	SERV. SUPV. JONATHAN M SCHULZ III
LEASE & WELL NAME LOCKWOOD FARMS 3307 #14-1H - API 150772177	LOCATION 14-33S-7W		COUNTY-PARISH-BLOCK Harper Kansas
DISTRICT McAlester	DRILLING CONTRACTOR RIG # NABORS 180		TYPE OF JOB Intermediate

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

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
Mud Clean II			8.34				20	
C35:65:6 +10% NaCl + .4pps KolSeal + .25pps cellof		750	12.4	2.22	12.21	03:45	297.03	218.40
C50:50:2 + 4pps KolSeal + .15% SMS + 5% NaCl + .2		200	14.2	1.31	5.78	03:45	46.66	27.52
Fresh Water			8.34				204.27	
Available Mix Water <u>500</u> Bbl.		Available Displ. Fluid <u>250</u> Bbl.		TOTAL			<u>567.96</u>	<u>245.92</u>

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
8.75		5250	6.366	7	23	CSG	5238	4510	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		700	700			4600	4600	7	8RD	FRESH WATER	8.34

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	
204.3	BBLS	Fresh Water	8.34	1280						2500	RIG TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 2030, 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 3733 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
20:30						arrive on location on march 13,2012	
10:38	3733				WATER	test pumps and lines	
10:42	189		2.8		MUDCLEA	open well/drop BRP/start mudclean II spacer	
10:43	321		1.8	5	MUDCLEA	shutdown/Load TRP	
10:52	334		2.7		MUDCLEA	resume pumping Mudclean spacer	
10:55	332		5	20	MUDCLEA	end mudclean spacer start lead slurry @ 12.4ppg	
12:07	55		3	207	LEAD	bbls pumped when lead at shoe	
12:33	236		4	280	LEAD	end lead slurry/start tail slurry @ 14.2 ppg	
12:54	105		2.8	50	TAIL	end tail slurry/ shutdown	
12:57	102		4.5		WATER	Drop TRP/ start displacment	
13:09	215		4	45	WATER	bbls of displacement pumped when caught cmt	
13:45	1036		3	157	WATER	bbls pumped when tail slurry at shoe	
14:04	1643		2.8	205	WATER	shutdown/ no bump	
14:09	1014			-.75		check float/ bbls return	
14:12	0					shut in well	

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"/>	1280	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	24	555	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	