

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

OPERATOR: License # 34574  
 Name: Shell Gulf of Mexico Inc.  
 Address 1: 150 N DAIRY-ASHFORD (77079)  
 Address 2: PO BOX 576 (77001-0576)  
 City: HOUSTON State: TX Zip: 77001 + 0576  
 Contact Person: Damonica Pierson  
 Phone: ( 832 ) 337-2172  
 CONTRACTOR: License # 34718  
 Name: Nabors Drilling USA, LP  
 Wellsite Geologist: Michael Duerr  
 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 #:

09/19/2012	10/12/2012	12/18/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23929-01-00  
 Spot Description:  
NW SE SE SW Sec. 3 Twp. 35 S. R. 10  East  West  
480 Feet from  North /  South Line of Section  
2220 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE     NW     SE     SW

County: Barber  
 Lease Name: Schupbach Ranch 3510 Well #: 3-1H  
 Field Name: Wildcat

Producing Formation: Mississippi  
 Elevation: Ground: 1283 Kelly Bushing: 0  
 Total Depth: 9052 Plug Back Total Depth:  
 Amount of Surface Pipe Set and Cemented at: 799 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: 0 ppm Fluid volume: 0 bbls  
 Dewatering method used: Hauled to Disposal  
 Location of fluid disposal if hauled offsite:  
 Operator Name: Plumb Thicket Landfill  
 Lease Name: N/A License #: 99999  
 Quarter SW Sec. 4 Twp. 31 S. R. 6  East  West  
 County: Harper Permit #: KDHE Permit No. 0842

**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: 10/17/2012  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
 ALT  I  II  III Approved by: NAOMI JAMES Date: 01/29/2013

# Shell Exploration & Production Co. Inc.

Barber Co. KS (NAD-27)

Sec 04-T35S-R10W

Schupbach Ranch 3510 3-1H

API# 15007392901 / JOB# 9504798 / N180

Wellbore #1

Design: Wellbore #1

## Sperry Drilling Services

### Combo Report

18 October, 2012

Surface UWI : API# 15007392901 / JOB# 9504798 / N180

Well Coordinates: 129,623.13 N, 2,030,843.42 E (37° 01' 21.39" N, 098° 23' 39.70" W)

Ground Level: 1,282.00 ft

Local Coordinate Origin:

Viewing Datum:

TVDs to System:

North Reference:

Unit System:

Centered on Well Schupbach Ranch 3510 3-1H

well @ 1305.80ft (Original Well Elev)

N

True

API US Survey Feet

Version: 2003.21 Build: 43

HALLIBURTON

**HALLIBURTON****Design Report for Schupbach Ranch 3510 3-1H - Wellbore #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
0.00	0.00	0.00	-1,305.80	0.00	0.00 N	0.00 E	129,623.13	2,030,843.42	0.00	0.00	
100.00	0.13	87.39	-1,205.80	100.00	0.01 N	0.11 E	129,623.14	2,030,843.53	0.13	0.01	First Gyro Survey
200.00	0.16	72.65	-1,105.80	200.00	0.05 N	0.36 E	129,623.18	2,030,843.78	0.05	0.06	
300.00	0.12	92.47	-1,005.80	300.00	0.09 N	0.60 E	129,623.22	2,030,844.02	0.06	0.10	
400.00	0.09	78.30	-905.80	400.00	0.10 N	0.78 E	129,623.23	2,030,844.20	0.04	0.11	
500.00	0.08	97.35	-805.80	500.00	0.11 N	0.93 E	129,623.24	2,030,844.35	0.03	0.12	
600.00	0.10	38.38	-705.80	600.00	0.17 N	1.05 E	129,623.30	2,030,844.47	0.09	0.18	
700.00	0.13	91.13	-605.80	700.00	0.23 N	1.22 E	129,623.36	2,030,844.64	0.11	0.25	
745.00	0.42	65.42	-560.80	745.00	0.30 N	1.42 E	129,623.43	2,030,844.84	0.68	0.31	Final Gyro Survey
900.00	0.09	297.99	-405.80	900.00	0.59 N	1.83 E	129,623.73	2,030,845.25	0.31	0.61	First Sperry MWD Survey
1,090.00	0.15	19.31	-215.80	1,090.00	0.90 N	1.78 E	129,624.03	2,030,845.20	0.09	0.92	
1,278.00	0.22	9.91	-27.80	1,278.00	1.49 N	1.92 E	129,624.62	2,030,845.34	0.04	1.51	
1,465.00	0.15	15.74	159.19	1,464.99	2.08 N	2.05 E	129,625.21	2,030,845.47	0.04	2.10	
1,653.00	0.39	4.80	347.19	1,652.99	2.95 N	2.17 E	129,626.08	2,030,845.59	0.13	2.97	
1,840.00	0.31	66.97	534.19	1,839.99	3.78 N	2.69 E	129,626.92	2,030,846.10	0.20	3.81	
2,026.00	0.39	35.96	720.19	2,025.99	4.49 N	3.52 E	129,627.63	2,030,846.94	0.11	4.53	
2,214.00	0.54	15.56	908.18	2,213.98	5.86 N	4.14 E	129,629.00	2,030,847.55	0.12	5.90	
2,404.00	0.62	25.71	1,098.17	2,403.97	7.65 N	4.82 E	129,630.79	2,030,848.23	0.07	7.70	
2,594.00	0.72	31.85	1,288.16	2,593.96	9.59 N	5.90 E	129,632.73	2,030,849.31	0.06	9.65	
2,784.00	0.99	45.81	1,478.14	2,783.94	11.75 N	7.71 E	129,634.89	2,030,851.11	0.18	11.83	
2,973.00	1.16	52.83	1,667.10	2,972.90	14.04 N	10.40 E	129,637.19	2,030,853.80	0.11	14.15	
3,163.00	1.41	49.94	1,857.06	3,162.86	16.71 N	13.72 E	129,639.86	2,030,857.12	0.14	16.85	
3,353.00	1.38	41.86	2,047.00	3,352.80	19.92 N	17.04 E	129,643.07	2,030,860.44	0.10	20.09	
3,543.00	1.38	49.91	2,236.94	3,542.74	23.10 N	20.31 E	129,646.25	2,030,863.71	0.10	23.30	
3,733.00	1.23	53.14	2,426.89	3,732.69	25.79 N	23.70 E	129,648.95	2,030,867.09	0.09	26.03	
3,923.00	0.74	55.82	2,616.87	3,922.67	27.71 N	26.34 E	129,650.87	2,030,869.73	0.26	27.97	
4,113.00	0.65	46.28	2,806.85	4,112.65	29.14 N	28.14 E	129,652.30	2,030,871.52	0.08	29.42	
4,176.00	3.64	351.84	2,869.80	4,175.60	31.37 N	28.11 E	129,654.53	2,030,871.50	5.25	31.65	
4,208.00	5.71	355.53	2,901.70	4,207.50	33.96 N	27.84 E	129,657.12	2,030,871.22	6.53	34.24	
4,271.00	8.58	3.28	2,964.20	4,270.00	41.78 N	27.87 E	129,664.94	2,030,871.24	4.80	42.05	
4,303.00	10.15	5.17	2,995.77	4,301.57	46.97 N	28.26 E	129,670.13	2,030,871.63	5.00	47.25	
4,336.00	12.34	5.12	3,028.14	4,333.94	53.38 N	28.84 E	129,676.54	2,030,872.20	6.64	53.66	
4,366.00	14.89	5.54	3,057.29	4,363.09	60.41 N	29.49 E	129,683.57	2,030,872.85	8.51	60.70	
4,398.00	17.13	6.41	3,088.05	4,393.85	69.19 N	30.42 E	129,692.35	2,030,873.76	7.04	69.48	
4,428.00	20.20	6.97	3,116.47	4,422.27	78.72 N	31.54 E	129,701.89	2,030,874.87	10.25	79.03	
4,460.00	23.56	6.46	3,146.16	4,451.96	90.56 N	32.93 E	129,713.73	2,030,876.25	10.52	90.88	
4,491.00	26.26	4.63	3,174.27	4,480.07	103.56 N	34.18 E	129,726.72	2,030,877.48	9.06	103.89	
4,523.00	29.52	0.65	3,202.56	4,508.36	118.50 N	34.84 E	129,741.67	2,030,878.13	11.73	118.84	
4,554.00	32.63	358.04	3,229.10	4,534.90	134.49 N	34.64 E	129,757.66	2,030,877.91	10.93	134.83	

**HALLIBURTON****Design Report for Schupbach Ranch 3510 3-1H - Wellbore #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
4,586.00	36.15	356.19	3,255.51	4,561.31	152.54 N	33.72 E	129,775.71	2,030,876.97	11.47	152.87	
4,618.00	39.70	355.41	3,280.75	4,586.55	172.15 N	32.27 E	129,795.32	2,030,875.50	11.19	172.46	
4,649.00	43.28	354.80	3,303.96	4,609.76	192.61 N	30.52 E	129,815.77	2,030,873.72	11.62	192.90	
4,681.00	46.80	355.11	3,326.57	4,632.37	215.16 N	28.53 E	129,838.32	2,030,871.71	11.02	215.44	
4,713.00	50.23	355.18	3,347.77	4,653.57	239.05 N	26.50 E	129,862.20	2,030,869.65	10.72	239.30	
4,744.00	53.59	356.06	3,366.89	4,672.69	263.37 N	24.64 E	129,886.53	2,030,867.76	11.07	263.60	
4,776.00	56.98	356.37	3,385.11	4,690.91	289.61 N	22.91 E	129,912.77	2,030,866.00	10.62	289.83	
4,807.00	61.25	356.11	3,401.02	4,706.82	316.15 N	21.16 E	129,939.31	2,030,864.22	13.79	316.35	
4,839.00	65.42	355.37	3,415.38	4,721.18	344.66 N	19.03 E	129,967.81	2,030,862.06	13.19	344.84	
4,871.00	70.16	354.93	3,427.47	4,733.27	374.17 N	16.53 E	129,997.32	2,030,859.52	14.87	374.32	
4,902.00	75.24	354.89	3,436.68	4,742.48	403.65 N	13.90 E	130,026.79	2,030,856.87	16.39	403.76	
5,063.00	84.98	359.20	3,464.32	4,770.12	561.82 N	5.83 E	130,184.95	2,030,848.61	6.60	561.85	
5,158.00	90.43	359.42	3,468.12	4,773.92	656.70 N	4.69 E	130,279.83	2,030,847.36	5.74	656.71	
5,253.00	90.92	0.40	3,467.00	4,772.80	751.69 N	4.54 E	130,374.82	2,030,847.10	1.15	751.70	
5,348.00	89.66	359.24	3,466.52	4,772.32	846.68 N	4.24 E	130,469.82	2,030,846.70	1.80	846.68	
5,443.00	91.08	1.34	3,465.91	4,771.71	941.67 N	4.72 E	130,564.81	2,030,847.07	2.67	941.67	
5,537.00	91.60	1.25	3,463.71	4,769.51	1,035.62 N	6.84 E	130,658.76	2,030,849.09	0.56	1,035.64	
5,632.00	90.65	0.06	3,461.84	4,767.64	1,130.60 N	7.93 E	130,753.73	2,030,850.07	1.60	1,130.62	
5,727.00	91.54	1.42	3,460.03	4,765.83	1,225.57 N	9.15 E	130,848.70	2,030,851.19	1.71	1,225.60	
5,822.00	91.23	1.65	3,457.73	4,763.53	1,320.51 N	11.70 E	130,943.64	2,030,853.62	0.41	1,320.56	
5,917.00	91.57	3.30	3,455.41	4,761.21	1,415.38 N	15.80 E	131,038.53	2,030,857.62	1.77	1,415.47	
6,012.00	90.62	3.41	3,453.59	4,759.39	1,510.20 N	21.36 E	131,133.35	2,030,863.07	1.01	1,510.34	
6,106.00	90.00	1.23	3,453.08	4,758.88	1,604.12 N	25.16 E	131,227.27	2,030,866.76	2.41	1,604.29	
6,201.00	90.31	0.86	3,452.83	4,758.63	1,699.10 N	26.90 E	131,322.26	2,030,868.39	0.51	1,699.29	
6,296.00	89.26	359.07	3,453.18	4,758.98	1,794.10 N	26.84 E	131,417.25	2,030,868.22	2.18	1,794.27	
6,391.00	90.22	359.61	3,453.62	4,759.42	1,889.09 N	25.74 E	131,512.24	2,030,867.02	1.16	1,889.25	
6,486.00	89.78	358.92	3,453.62	4,759.42	1,984.08 N	24.52 E	131,607.23	2,030,865.70	0.86	1,984.23	
6,580.00	90.37	0.49	3,453.49	4,759.29	2,078.07 N	24.04 E	131,701.23	2,030,865.11	1.78	2,078.21	
6,675.00	88.92	359.72	3,454.08	4,759.88	2,173.07 N	24.21 E	131,796.22	2,030,865.17	1.73	2,173.20	
6,770.00	88.74	357.16	3,456.02	4,761.82	2,268.01 N	21.63 E	131,891.15	2,030,862.48	2.70	2,268.11	
6,865.00	88.24	356.88	3,458.52	4,764.32	2,362.84 N	16.69 E	131,985.99	2,030,857.43	0.60	2,362.89	
6,959.00	89.35	356.01	3,460.50	4,766.30	2,456.64 N	10.86 E	132,079.78	2,030,851.50	1.50	2,456.63	
7,054.00	90.68	356.69	3,460.48	4,766.28	2,551.45 N	4.82 E	132,174.57	2,030,845.35	1.57	2,551.37	
7,149.00	91.14	359.60	3,458.97	4,764.77	2,646.37 N	1.74 E	132,269.50	2,030,842.16	3.10	2,646.26	
7,244.00	91.51	0.17	3,456.77	4,762.57	2,741.35 N	1.55 E	132,364.47	2,030,841.87	0.72	2,741.23	
7,339.00	90.83	1.86	3,454.83	4,760.63	2,836.31 N	3.23 E	132,459.43	2,030,843.44	1.92	2,836.20	
7,434.00	90.46	0.33	3,453.76	4,759.56	2,931.28 N	5.05 E	132,554.41	2,030,845.15	1.66	2,931.19	
7,529.00	89.41	3.00	3,453.87	4,759.67	3,026.23 N	7.81 E	132,649.36	2,030,847.80	3.02	3,026.16	
7,624.00	89.57	2.51	3,454.71	4,760.51	3,121.12 N	12.38 E	132,744.25	2,030,852.26	0.54	3,121.09	

**HALLIBURTON**

**Design Report for Schupbach Ranch 3510 3-1H - Wellbore #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
7,719.00	89.66	1.62	3,455.35	4,761.15	3,216.05 N	15.80 E	132,839.19	2,030,855.57	0.94	3,216.05	
7,814.00	89.23	1.00	3,456.27	4,762.07	3,311.02 N	17.97 E	132,934.16	2,030,857.64	0.79	3,311.04	
7,909.00	88.31	358.92	3,458.31	4,764.11	3,405.99 N	17.90 E	133,029.14	2,030,857.47	2.39	3,406.00	
8,003.00	88.95	0.45	3,460.56	4,766.36	3,499.96 N	17.39 E	133,123.10	2,030,856.84	1.76	3,499.96	
8,098.00	90.18	359.11	3,461.28	4,767.08	3,594.96 N	17.02 E	133,218.10	2,030,856.37	1.91	3,594.95	
8,193.00	91.07	359.93	3,460.25	4,766.05	3,689.95 N	16.23 E	133,313.08	2,030,855.47	1.27	3,689.92	
8,288.00	91.69	2.54	3,457.96	4,763.76	3,784.89 N	18.27 E	133,408.03	2,030,857.41	2.82	3,784.88	
8,383.00	91.33	0.88	3,455.45	4,761.25	3,879.81 N	21.11 E	133,502.95	2,030,860.13	1.79	3,879.83	
8,478.00	91.79	1.23	3,452.87	4,758.67	3,974.76 N	22.86 E	133,597.90	2,030,861.77	0.61	3,974.79	
8,573.00	90.15	3.69	3,451.26	4,757.06	4,069.64 N	26.93 E	133,692.79	2,030,865.74	3.11	4,069.71	
8,667.00	89.51	3.83	3,451.54	4,757.34	4,163.44 N	33.10 E	133,786.60	2,030,871.80	0.70	4,163.56	
8,762.00	91.91	4.44	3,450.36	4,756.16	4,258.18 N	39.95 E	133,881.34	2,030,878.54	2.61	4,258.37	
8,857.00	91.72	1.39	3,447.35	4,753.15	4,353.00 N	44.77 E	133,976.17	2,030,883.26	3.22	4,353.23	
8,952.00	89.01	1.21	3,446.75	4,752.55	4,447.96 N	46.93 E	134,071.13	2,030,885.31	2.86	4,448.21	
8,997.00	88.31	2.03	3,447.80	4,753.60	4,492.93 N	48.20 E	134,116.10	2,030,886.53	2.40	4,493.19	Final Sperry MWD Survey
9,052.00	88.31	2.03	3,449.42	4,755.22	4,547.87 N	50.15 E	134,171.05	2,030,888.42	0.00	4,548.15	Projection to TD

**Design Annotations**

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
100.00	100.00	0.01	0.11	First Gyro Survey
745.00	745.00	0.30	1.42	Final Gyro Survey
900.00	900.00	0.59	1.83	First Sperry MWD Survey
8,997.00	4,753.60	4,492.93	48.20	Final Sperry MWD Survey
9,052.00	4,755.22	4,547.87	50.15	Projection to TD

**Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/_S (ft)	+E/-W (ft)	
User	No Target (Freehand)	0.57	Slot	0.00	0.00	0.00

**Survey tool program**

From (ft)	To (ft)	Survey/Plan	Survey Tool
100.00	745.00	VES Gyro Surveys	NS-Gyro-MS

**HALLIBURTON**

**Design Report for Schupbach Ranch 3510 3-1H - Wellbore #1**

**Survey tool program**

From (ft)	To (ft)	Survey/Plan	Survey Tool
900.00	9,052.00	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									

**Directional Difficulty Index**

Average Dogleg over Survey:	1.79 °/100ft	Maximum Dogleg over Survey:	16.39 °/100ft at 4,902.00 ft
Net Tortousity applicable to Plans:	0.62 °/100ft	Directional Difficulty Index:	6.148

**Audit Info**

**HALLIBURTON****North Reference Sheet for Sec 04-T35S-R10W - Schupbach Ranch 3510 3-1H - 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 @ 1305.80ft (Original Well Elev). Northing and Easting are relative to Schupbach Ranch 3510 3-1H

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: 1.00005693

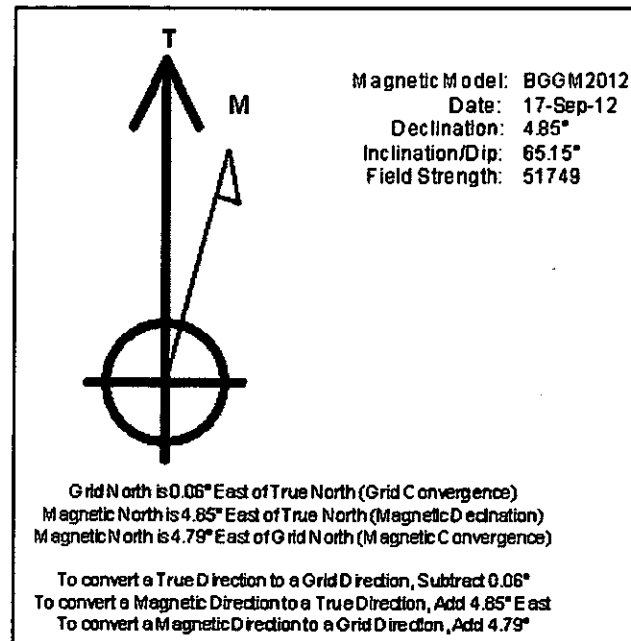
Grid Coordinates of Well: 129,623.13 ft N, 2,030,843.42 ft E

Geographical Coordinates of Well: 37° 01' 21.39" N, 098° 23' 39.70" W

Grid Convergence at Surface is: 0.06°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,052.00ft  
the Bottom Hole Displacement is 4,548.15ft in the Direction of 0.63° (True).

Magnetic Convergence at surface is: -4.79° (17 September 2012, , BGGM2012)



T35S, R10W, 6th P.M.

SGOMI

Well location, SCHUPBACH RANCH 3510 #3-1H, located as shown in the SE 1/4 SW 1/4 of Section 3, T35S, R10W, 6th P.M., Barber County, Kansas.

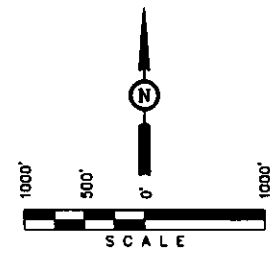
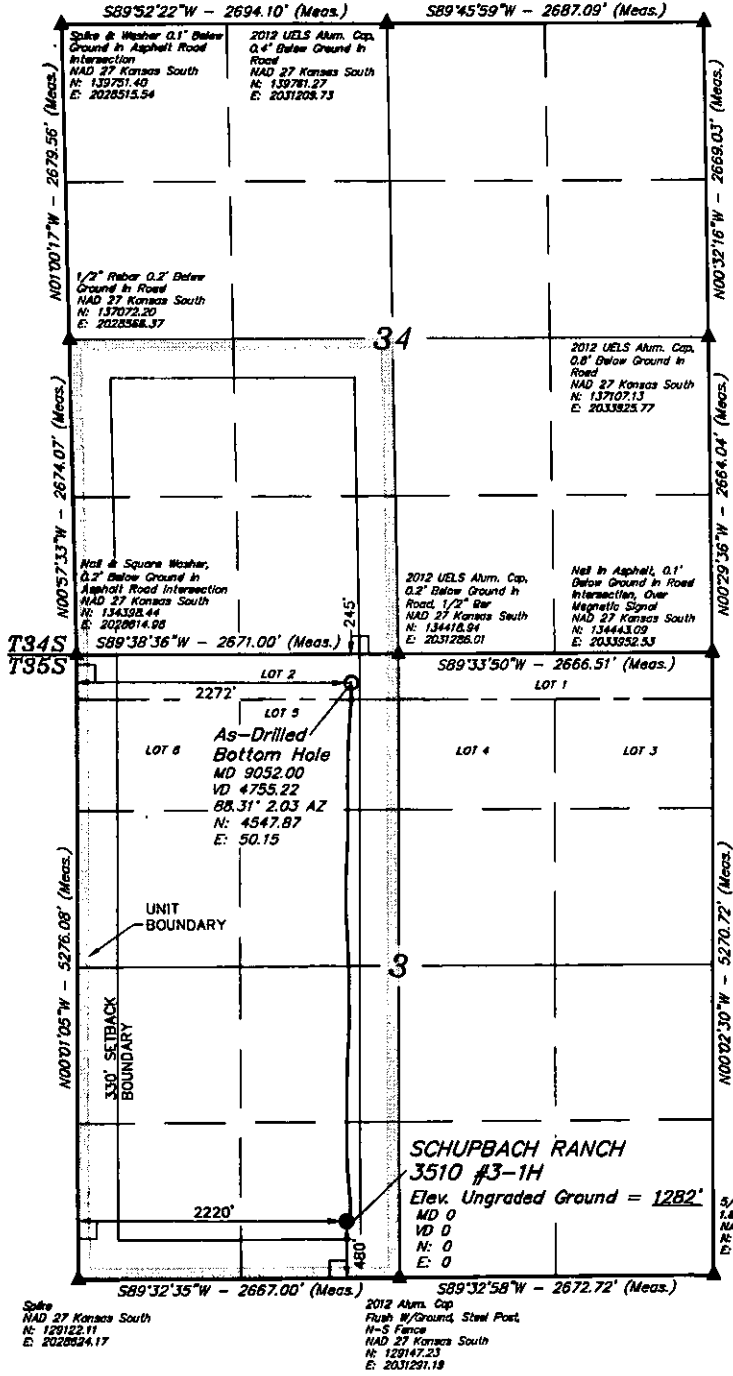
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 12, T35S, R10W, 6th P.M. TAKEN FROM THE CORWIN, QUADRANGLE, KANSAS, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1274 FEET.

BASIS OF BEARINGS

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

1/2" Bolt 0.7' Below Ground in Road Intersection  
NAD 27 Kansas South  
N: 139776.12  
E: 2033998.89



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

**CERTIFICATE**  
 THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME IN ORDER OF SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.  
 [Signature]  
 REGISTERED LAND SURVEYOR  
 REG. NO. 1158  
 STATE OF KANSAS  
 11-15-13

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 10-18-12	DATE DRAWN: 01-22-13
PARTY J.P. B.L. C.A.G.	REFERENCES G.L.O. PLAN	
WEATHER HOT	FILE SGOMI	

NAD 83 (AS-1H AS-DRILLED BOTTOM HOLE) LATITUDE = 370206.45° (37.035122) LONGITUDE = 892340.38° (89.394544)	NAD 83 (AS-1H SURFACE LOCATION) LATITUDE = 370121.48° (37.022833) LONGITUDE = 892340.00° (89.394711)
NAD 27 (AS-1H AS-DRILLED BOTTOM HOLE) LATITUDE = 370206.35° (37.035067) LONGITUDE = 892339.10° (89.394194)	NAD 27 (AS-1H SURFACE LOCATION) LATITUDE = 370121.38° (37.022800) LONGITUDE = 892339.70° (89.394381)
STATE PLANE NAD 27 (KANSAS SOUTH) N: 134171.30 E: 2030887.05	STATE PLANE NAD 27 (KANSAS SOUTH) N: 129823.13 E: 2030843.42