CORRECTION #1

Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1145839

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 # 33596
Name: Unit Petroleum Company
Address 1: 7130 S LEWIS AVE
Address 2: STE 1000
City: TULSA State: OK Zip: 74136 + 5492
Contact Person: Brent Keys
Phone: (918) 477-4510
CONTRACTOR: License # 33596
Name: Unit Petroleum Company
Wellsite Geologist: Rob Wilson
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 #:

01/28/2013	02/15/2013	06/05/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-21626-01-00
Spot Description:
N2 - N2 - SW - NW Sec. 21 Twp. 24 S. R. 9 ☐ East ☑ West
1570 Feet from ☑ North / ☐ South Line of Section
660 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Reno
Lease Name: Holcomb Well #: 21 #1H
Field Name: Plevna South
Producing Formation: Mississippian
Elevation: Ground: 1681 Kelly Bushing: 1695
Total Vertical Depth: 0 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 130 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: 80000 ppm Fluid volume: 962 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Studer Oil Company
Lease Name: Studer License #: 9582
Quarter SW Sec. 4 Twp. 27 S. R. 12 ☐ East ☑ West
County: Pratt Permit #: D-24220

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: 05/22/2013
☑ **Confidential Release Date:** 05/22/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/07/2013

CORRECTION #1
Page Two

1145839

Operator Name: Unit Petroleum Company Lease Name: Holcomb Well #: 21 #1H

Sec. 21 Twp. 24 S. R. 9 ☐ East ☑ West County: Reno

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Porosity
Resistivity

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3128	-1433
Lansing/Kansas City	3328	-1633
Stark Shale	3641	-1946
Mississippi	4038	-2343

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	-			
	-			

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 *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	Holcomb 21 #1H
Doc ID	1145839

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	28	16	65	130	A	128	2% CC
Intermediate	12.25	9.625	36	1538	A	605	2% CC; 1/4#/sk flocele
Intermediate	8.75	7	26	4193	A	160	2% CC; 1/4#/sk flocele
Prod Liner	6.125	4.50	11.6	0	A	825	1/4# sk flocele

Summary of Changes

Lease Name and Number: Holcomb 21 #1H

API/Permit #: 15-155-21626-01-00

Doc ID: 1145839

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	05/24/2013	06/07/2013
Completion Or Recompletion Date	05/13/2013	06/05/2013
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1138227	../../kcc/detail/operatorEditDetail.cfm?docID=1145839

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1138227

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

OPERATOR: License # 33596
Name: Unit Petroleum Company
Address 1: 7130 S LEWIS AVE
Address 2: STE 1000
City: TULSA State: OK Zip: 74136 + 5492
Contact Person: Brent Keys
Phone: (918) 477-4510
CONTRACTOR: License # 33596
Name: Unit Petroleum Company
Wellsite Geologist: Rob Wilson
Purchaser:

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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 #:

01/28/2013	02/15/2013	05/13/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-21626-01-00
Spot Description:
N2 - N2 - SW - NW Sec. 21 Twp. 24 S. R. 9 [ ] East [x] West
1570 Feet from [x] North / [ ] South Line of Section
660 Feet from [ ] East / [x] West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- [ ] NE
- [x] NW
- [ ] SE
- [ ] SW

County: Reno
Lease Name: Holcomb Well #: 21 #1H
Field Name: Plevna South
Producing Formation: Mississippian
Elevation: Ground: 1681 Kelly Bushing: 1695
Total Depth: 0 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 130 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 80000 ppm Fluid volume: 962 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Studer Oil Company
Lease Name: Studer License #: 9582
Quarter SW Sec. 4 Twp. 27 S. R. 12 [ ] East [x] West
County: Pratt Permit #: D-24220

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

- [x] **Letter of Confidentiality Received**
  Date: 05/22/2013
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [x] I [ ] II [ ] III **Approved by:** NAOMI JAMES **Date:** 05/24/2013

Page Two

Operator Name: Unit Petroleum Company Lease Name: Holcomb Well #: 21 #1H

Sec. 21 Twp. 24 S. R. 9 ☐ East ☑ West County: Reno

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☑ Yes	☐ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☐ No

List All E. Logs Run:

Porosity
Resistivity

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3128	-1433
Lansing/Kansas City	3328	-1633
Stark Shale	3641	-1946
Mississippi	4038	-2343

CASING RECORD ☑ New ☐ 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	Holcomb 21 #1H
Doc ID	1138227

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	28	16	65	130	A	128	2% CC
Intermediate	12.25	9.625	36	1538	A	605	2% CC; 1/4#/sk flocele
Intermediate	8.75	7	26	4193	A	160	2% CC; 1/4#/sk flocele
Prod Liner	6.125	4.50	11.6	0	A	825	1/4# sk flocele

Job Number: 13157
Company: Unit Petroleum
Lease/Well: Holcomb 21 # 1H
Location: Reno County
Rig Name: Unit # 331
RKB: 14
G.L. or M.S.L.: 1681

State/Country: Kansas
Declination: 4.69
Grid: -0.09
File name: P:\SURVEYS\UNIT\13157R3.SVY
Date/Time: 07-May-13 / 15:23
Curve Name: As Drilled

Inwell Inc

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane .00
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
Gyro Surveys									
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
100.00	.42	228.63	100.00	-.24	-.28	-.24	.42	-131.37	.42
200.00	1.02	233.31	199.99	-1.02	-1.26	-1.02	.60	4.68	.60
300.00	.66	256.60	299.98	-1.68	-2.54	-1.68	.49	23.29	-.36
400.00	.64	248.60	399.97	-2.02	-3.62	-2.02	.09	-8.00	-.02
500.00	.73	232.72	499.97	-2.61	-4.64	-2.61	.21	-15.88	.09
600.00	.48	225.64	599.96	-3.29	-5.45	-3.29	.26	-7.08	-.25
700.00	.37	224.04	699.96	-3.81	-5.98	-3.81	.11	-1.60	-.11
800.00	.39	230.34	799.96	-4.26	-6.46	-4.26	.05	6.30	.02
900.00	.63	237.32	899.95	-4.78	-7.19	-4.78	.25	6.98	.24
1000.00	.72	227.78	999.95	-5.49	-8.11	-5.49	.14	-9.54	.09

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
1100.00	.66	225.21	1099.94	-6.32	-8.99	-6.32	.07	-2.57	-.06
1200.00	.67	216.50	1199.93	-7.20	-9.75	-7.20	.10	-8.71	.01
1300.00	.94	230.33	1299.92	-8.19	-10.72	-8.19	.33	13.83	.27
1400.00	.93	237.82	1399.91	-9.15	-12.04	-9.15	.12	7.49	-.01
1500.00	.97	246.05	1499.89	-9.92	-13.50	-9.92	.14	8.23	.04
1600.00	.84	249.35	1599.88	-10.53	-14.96	-10.53	.14	3.30	-.13
1700.00	.57	231.42	1699.87	-11.09	-16.04	-11.09	.35	-17.93	-.27
1800.00	.51	230.91	1799.87	-11.69	-16.77	-11.69	.06	-.51	-.06
1900.00	.43	221.43	1899.87	-12.25	-17.37	-12.25	.11	-9.48	-.08
2000.00	.32	201.96	1999.86	-12.79	-17.72	-12.79	.17	-19.47	-.11
2100.00	.38	183.46	2099.86	-13.38	-17.84	-13.38	.13	-18.50	.06
2200.00	.17	161.74	2199.86	-13.85	-17.82	-13.85	.23	-21.72	-.21
2300.00	.28	164.89	2299.86	-14.23	-17.71	-14.23	.11	3.15	.11
2400.00	.57	173.30	2399.86	-14.96	-17.58	-14.96	.30	8.41	.29
2500.00	.20	178.79	2499.86	-15.62	-17.52	-15.62	.37	5.49	-.37
2600.00	.50	206.08	2599.85	-16.19	-17.71	-16.19	.34	27.29	.30
2700.00	.05	233.37	2699.85	-16.61	-17.94	-16.61	.46	27.29	-.45
2800.00	.28	224.67	2799.85	-16.81	-18.14	-16.81	.23	-8.70	.23
2840.00	.49	255.49	2839.85	-16.92	-18.38	-16.92	.72	77.05	.52
2997.00	.40	254.40	2996.85	-17.24	-19.56	-17.24	.06	-.69	-.06
3027.00	.40	250.60	3026.85	-17.30	-19.76	-17.30	.09	-12.67	.00
3059.00	.40	216.00	3058.84	-17.43	-19.93	-17.43	.74	-108.13	.00
3091.00	.50	197.90	3090.84	-17.65	-20.04	-17.65	.54	-56.56	.31
3123.00	.10	260.30	3122.84	-17.79	-20.11	-17.79	1.44	195.00	-1.25
3154.00	1.20	.20	3153.84	-17.47	-20.13	-17.47	3.94	322.26	3.55
3186.00	3.90	1.90	3185.81	-16.04	-20.09	-16.04	8.44	5.31	8.44
3217.00	6.50	3.80	3216.68	-13.24	-19.94	-13.24	8.40	6.13	8.39
3249.00	9.40	1.80	3248.36	-8.82	-19.74	-8.82	9.10	-6.25	9.06
3280.00	12.10	1.70	3278.82	-3.04	-19.56	-3.04	8.71	-.32	8.71
3312.00	14.80	.80	3309.94	4.40	-19.41	4.40	8.46	-2.81	8.44
3343.00	17.60	359.70	3339.70	13.05	-19.38	13.05	9.09	-3.55	9.03
3375.00	20.70	359.20	3369.93	23.54	-19.48	23.54	9.70	-1.56	9.69
3407.00	23.60	.00	3399.56	35.61	-19.56	35.61	9.11	2.50	9.06
3438.00	26.30	1.20	3427.67	48.68	-19.42	48.68	8.86	3.87	8.71

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
3470.00	29.30	1.60	3455.97	63.60	-19.05	63.60	9.39	1.25	9.38
3500.00	32.60	.70	3481.70	79.02	-18.75	79.02	11.11	-3.00	11.00
3531.00	35.80	.10	3507.33	96.44	-18.63	96.44	10.38	-1.94	10.32
3563.00	39.10	359.80	3532.73	115.90	-18.65	115.90	10.33	-.94	10.31
3595.00	42.50	.10	3556.96	136.80	-18.66	136.80	10.64	.94	10.63
3626.00	45.80	.50	3579.20	158.39	-18.55	158.39	10.68	1.29	10.65
3658.00	49.30	1.30	3600.79	182.00	-18.17	182.00	11.09	2.50	10.94
Begin Tangent @ 3690' MD									
3690.00	51.00	1.50	3621.29	206.56	-17.57	206.56	5.33	.62	5.31
3722.00	51.50	1.60	3641.32	231.50	-16.90	231.50	1.58	.31	1.56
3754.00	51.40	1.50	3661.27	256.52	-16.22	256.52	.40	-.31	-.31
3785.00	51.40	1.70	3680.61	280.74	-15.54	280.74	.50	.65	.00
3817.00	51.60	1.60	3700.53	305.77	-14.82	305.77	.67	-.31	.63
End Tangent @ 3853' MD									
3849.00	52.60	1.60	3720.18	331.01	-14.12	331.01	3.12	.00	3.13
3880.00	55.90	1.70	3738.29	356.16	-13.39	356.16	10.65	.32	10.65
3912.00	59.70	1.50	3755.34	383.22	-12.64	383.22	11.89	-.62	11.88
3944.00	63.70	1.00	3770.51	411.38	-12.03	411.38	12.58	-1.56	12.50
3975.00	67.50	.40	3783.31	439.61	-11.68	439.61	12.38	-1.94	12.26
4007.00	70.60	.20	3794.75	469.49	-11.53	469.49	9.71	-.63	9.69
4039.00	73.50	.50	3804.62	499.93	-11.34	499.93	9.11	.94	9.06
4071.00	77.10	.60	3812.73	530.87	-11.04	530.87	11.25	.31	11.25
4102.00	81.00	.50	3818.62	561.30	-10.75	561.30	12.58	-.32	12.58
4134.00	85.00	.90	3822.52	593.05	-10.36	593.05	12.56	1.25	12.50
4189.00	89.10	.90	3825.35	647.96	-9.50	647.96	7.45	.00	7.45
4221.00	89.60	.70	3825.71	679.96	-9.05	679.96	1.68	-.62	1.56
4253.00	90.10	.30	3825.80	711.95	-8.77	711.95	2.00	-1.25	1.56
4316.00	90.30	.60	3825.58	774.95	-8.28	774.95	.57	.48	.32
4379.00	91.50	.20	3824.59	837.94	-7.84	837.94	2.01	-.63	1.90
4443.00	91.30	359.20	3823.02	901.92	-8.17	901.92	1.59	-1.56	-.31
4506.00	91.00	358.90	3821.76	964.90	-9.22	964.90	.67	-.48	-.48
4569.00	90.30	358.00	3821.04	1027.87	-10.92	1027.87	1.81	-1.43	-1.11
4632.00	89.80	358.00	3820.99	1090.83	-13.12	1090.83	.79	.00	-.79

As Drilled File: P:\SURVEYS\UNIT\13157R3.SVY

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
4696.00	89.60	358.50	3821.33	1154.80	-15.08	1154.80	.84	.78	-.31
4759.00	90.40	358.40	3821.33	1217.78	-16.78	1217.78	1.28	-.16	1.27
4823.00	90.40	358.50	3820.88	1281.75	-18.51	1281.75	.16	.16	.00
4886.00	91.00	358.20	3820.11	1344.72	-20.32	1344.72	1.06	-.48	.95
4950.00	90.70	358.30	3819.16	1408.69	-22.28	1408.69	.49	.16	-.47
5013.00	90.60	358.50	3818.44	1471.66	-24.04	1471.66	.35	.32	-.16
5076.00	90.30	358.40	3817.95	1534.63	-25.74	1534.63	.50	-.16	-.48
5139.00	91.10	358.00	3817.18	1597.59	-27.72	1597.59	1.42	-.63	1.27
5201.00	91.20	358.80	3815.94	1659.56	-29.45	1659.56	1.30	1.29	.16
5262.00	91.50	358.70	3814.50	1720.53	-30.78	1720.53	.52	-.16	.49
5324.00	91.40	359.70	3812.93	1782.50	-31.65	1782.50	1.62	1.61	-.16
5385.00	90.50	359.70	3811.92	1843.49	-31.97	1843.49	1.48	.00	-1.48
5447.00	89.30	359.20	3812.03	1905.49	-32.56	1905.49	2.10	-.81	-1.94
5508.00	88.40	357.80	3813.25	1966.45	-34.16	1966.45	2.73	-2.30	-1.48
5569.00	89.20	358.50	3814.53	2027.40	-36.13	2027.40	1.74	1.15	1.31
5630.00	90.40	359.00	3814.74	2088.39	-37.46	2088.39	2.13	.82	1.97
5692.00	90.10	358.80	3814.47	2150.38	-38.65	2150.38	.58	-.32	-.48
5752.00	90.70	358.90	3814.05	2210.36	-39.85	2210.36	1.01	.17	1.00
5814.00	91.40	359.10	3812.92	2272.34	-40.93	2272.34	1.17	.32	1.13
5876.00	91.60	359.10	3811.29	2334.31	-41.91	2334.31	.32	.00	.32
5937.00	91.10	359.40	3809.86	2395.29	-42.71	2395.29	.96	.49	-.82
5998.00	90.70	359.80	3808.90	2456.28	-43.13	2456.28	.93	.66	-.66
6059.00	91.70	359.80	3807.62	2517.27	-43.34	2517.27	1.64	.00	1.64
6121.00	91.40	.30	3805.94	2579.24	-43.29	2579.24	.94	.81	-.48
6181.00	90.50	.50	3804.95	2639.23	-42.87	2639.23	1.54	.33	-1.50
6243.00	90.00	.30	3804.68	2701.23	-42.44	2701.23	.87	-.32	-.81
6305.00	89.70	.00	3804.84	2763.23	-42.28	2763.23	.68	-.48	-.48
6367.00	88.80	359.90	3805.65	2825.22	-42.33	2825.22	1.46	-.16	-1.45
6430.00	88.30	.30	3807.25	2888.20	-42.22	2888.20	1.02	.63	-.79
6492.00	87.80	.40	3809.36	2950.17	-41.84	2950.17	.82	.16	-.81
6554.00	87.80	.30	3811.74	3012.12	-41.46	3012.12	.16	-.16	.00
6616.00	89.30	1.00	3813.30	3074.09	-40.76	3074.09	2.67	1.13	2.42
6678.00	88.70	1.70	3814.39	3136.07	-39.30	3136.07	1.49	1.13	-.97
6740.00	89.20	1.60	3815.52	3198.03	-37.51	3198.03	.82	-.16	.81

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
6802.00	89.70	1.00	3816.12	3260.01	-36.11	3260.01	1.26	-.97	.81
6865.00	89.20	.80	3816.72	3323.00	-35.12	3323.00	.85	-.32	-.79
6926.00	88.40	1.00	3818.00	3383.98	-34.16	3383.98	1.35	.33	-1.31
6988.00	87.90	1.20	3820.00	3445.93	-32.97	3445.93	.87	.32	-.81
7050.00	87.90	1.20	3822.27	3507.88	-31.67	3507.88	.00	.00	.00
7112.00	88.70	1.20	3824.11	3569.84	-30.38	3569.84	1.29	.00	1.29
7174.00	89.70	1.00	3824.98	3631.82	-29.19	3631.82	1.64	-.32	1.61
7237.00	90.40	1.00	3824.92	3694.81	-28.09	3694.81	1.11	.00	1.11
7299.00	91.20	1.10	3824.06	3756.79	-26.95	3756.79	1.30	.16	1.29
7361.00	90.10	1.20	3823.35	3818.78	-25.71	3818.78	1.78	.16	-1.77
7424.00	90.80	1.50	3822.86	3881.76	-24.22	3881.76	1.21	.48	1.11
7486.00	89.60	.90	3822.64	3943.74	-22.92	3943.74	2.16	-.97	-1.94
7548.00	90.40	1.00	3822.64	4005.73	-21.90	4005.73	1.30	.16	1.29
7609.00	90.30	1.00	3822.27	4066.72	-20.83	4066.72	.16	.00	-.16
7672.00	91.20	.50	3821.45	4129.71	-20.01	4129.71	1.63	-.79	1.43
7734.00	89.80	1.20	3820.90	4191.70	-19.09	4191.70	2.52	1.13	-2.26
7797.00	90.30	1.30	3820.85	4254.68	-17.71	4254.68	.81	.16	.79
7860.00	90.60	1.00	3820.35	4317.67	-16.45	4317.67	.67	-.48	.48
7924.00	89.40	.90	3820.35	4381.66	-15.39	4381.66	1.88	-.16	-1.87
7987.00	89.60	.90	3820.90	4444.65	-14.40	4444.65	.32	.00	.32
8050.00	89.70	.70	3821.29	4507.64	-13.52	4507.64	.35	-.32	.16
8114.00	89.80	.90	3821.57	4571.63	-12.62	4571.63	.35	.31	.16
8175.00	89.80	.70	3821.78	4632.63	-11.77	4632.63	.33	-.33	.00
8238.00	89.80	.40	3822.00	4695.62	-11.17	4695.62	.48	-.48	.00
8302.00	90.10	.40	3822.06	4759.62	-10.72	4759.62	.47	.00	.47
8365.00	90.60	.60	3821.67	4822.62	-10.17	4822.62	.85	.32	.79
8428.00	90.70	.60	3820.96	4885.61	-9.51	4885.61	.16	.00	.16
8489.00	91.40	.80	3819.84	4946.60	-8.77	4946.60	1.19	.33	1.15
8552.00	91.50	.60	3818.25	5009.57	-8.00	5009.57	.35	-.32	.16
8615.00	91.90	.80	3816.38	5072.54	-7.23	5072.54	.71	.32	.63
8679.00	91.30	.80	3814.59	5136.51	-6.33	5136.51	.94	.00	-.94
8742.00	90.40	.00	3813.66	5199.50	-5.89	5199.50	1.91	-1.27	-1.43
8805.00	90.80	359.90	3813.00	5262.49	-5.95	5262.49	.65	-.16	.63
8868.00	90.70	.10	3812.17	5325.49	-5.95	5325.49	.35	.32	-.16

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100	WALK RATE Deg/100	BUILD RATE Deg/100
8931.00	89.70	359.70	3811.95	5388.49	-6.06	5388.49	1.71	-.63	-1.59
8994.00	90.30	359.50	3811.95	5451.48	-6.50	5451.48	1.00	-.32	.95
9057.00	90.90	359.60	3811.29	5514.48	-6.99	5514.48	.97	.16	.95
9121.00	90.20	359.00	3810.68	5578.47	-7.78	5578.47	1.44	-.94	-1.09
9184.00	90.70	359.00	3810.18	5641.46	-8.88	5641.46	.79	.00	.79
9247.00	89.70	358.60	3809.96	5704.44	-10.19	5704.44	1.71	-.63	-1.59
9310.00	89.90	358.80	3810.18	5767.43	-11.62	5767.43	.45	.32	.32
9373.00	89.50	358.80	3810.51	5830.41	-12.94	5830.41	.63	.00	-.63
9436.00	89.70	358.80	3810.95	5893.40	-14.26	5893.40	.32	.00	.32
9499.00	89.60	359.00	3811.34	5956.38	-15.47	5956.38	.35	.32	-.16
9563.00	89.50	359.20	3811.84	6020.37	-16.48	6020.37	.35	.31	-.16
9626.00	89.10	359.00	3812.61	6083.36	-17.47	6083.36	.71	-.32	-.63
9689.00	89.20	358.70	3813.54	6146.34	-18.73	6146.34	.50	-.48	.16
9752.00	89.00	359.00	3814.53	6209.32	-20.00	6209.32	.57	.48	-.32
9816.00	89.00	358.50	3815.65	6273.30	-21.39	6273.30	.78	-.78	.00
9879.00	90.30	358.40	3816.03	6336.27	-23.10	6336.27	2.07	-.16	2.06
9942.00	90.70	358.80	3815.49	6399.25	-24.63	6399.25	.90	.63	.63
10005.00	91.20	358.70	3814.44	6462.22	-26.01	6462.22	.81	-.16	.79
Projected to TD @ 10053' MD									
10053.00	91.20	358.70	3813.44	6510.20	-27.10	6510.20	.00	.00	.00

Mid-Continent Conductor, LLC

P.O. Box 1570, Woodward, OK 73802
Ph. 580-254-5400 Fax 580-254-3242

CEMENTING REPORT

Operator: Unit Corporation
Well Name: Holcomb 21-1H
Legal Description: Sec 21-24S-9W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	1-17-13
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	130
Type of Cement	Common Cement
Sacks of Cement Used	128
Was cement circulated?	Yes
Job witnessed by: Kevin Sacfield (KCC) 316-249-9248	

Jeff M. Owen
Mid-Continent Conductor, LLC

BASiC
energy services, L.P.

TREATMENT REPORT

Customer: Unit Petroleum	Lease No.	Date: 2-3-13
Lease: Holcomb	Well # 21-1H	
Field Order # 1810	Station: Pratt	Casing: 7"	Depth: 4193	County: Reno	State: KS
Type Job: CNW - 7" INTERMEDIATE	Formation	Legal Description: 21-24-9

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 7	Tubing Size	Shots/Ft	160 sks	Acid: AA2 Cement	RATE	PRESS	ISIP
Depth: 4193	Depth	From	To .5%	Pre Pad: Fluid Loss .3% CSR	Max		5 Min.
Volume: 11.0	Volume	From	To .2%	Pad: Defoamer 5% CalSeal	Min		10 Min.
Max Press: 1900	Max Press	From	To 10%	Frac: 1/4 #/sk Cellflake	Avg		15 Min.
Well Connection	Annulus Vol.	From	To 5#/sk	Gilsonite	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush: 156.6	Gas Volume		Total Load

Customer Representative: Larry Miller — Station Manager: Dave Scott — Treater: Steve Orlando

Service Units	27283	27463	19960/21010
Driver Names	Orlando	McGrow	Pierson

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30 AM					On location - Safety Meeting
					Casing Set @ 4193
					Break Circ w/Rig
7:17	350		12	6	Mud flush
7:17	350		5	6	H2O Spacer
7:20	350		40%	6	mix 160sks @ 15# 10.7 bbl
					Shut Down - Release Plug
7:35	0		0	7	Start H2O Displacement
7:55	600		138	6	Lift pressure
7:57	800		149	5	Slow Rate
8:00 AM	1700		159	4	Plug Down - Held
					Job Complete
					Thanks, Steve

BASIC energy services, L.P.

TREATMENT REPORT

Customer: UNIT PETROLEUM CO.	Lease No.			Date: 1-29-2013	
Lease: HOLCOMB 21	Well #: 1H				
Field Order #: 21603	Station: PRATT, KS.	Casing: 9 5/8"	Depth	County: RENO	State: KS
Type Job: CNW - 9 5/8" S.P.		Formation: TD - 1536'		Legal Description: 21-24S-9W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME .0773		
Casing Size: 9 7/8 x 36	Tubing Size	Shots/Ft	CMT.	Acid: 325SK. A-CON	RATE	PRESS	ISIP
Depth: 1538.12	Depth	From	To	Pre Pad @ 2.12 CUFT	Max		5 Min.
Volume: 118.8 BBL	Volume	From	CMT -	Pad: 280 SK Common 1	Min		10 Min.
Max Press: 150	Max Press	From	To	Frac @ 1.20 CUFT	Avg		15 Min.
Well Connection: P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 1538	Packer Depth	From	To	Flush: 118.8 BBL	Gas Volume		Total Load

Customer Representative: LARRY | Station Manager: D. SCOTT | Treater: K. LESLEY

Service Units	37586	19889	19843	70959	19918	19826	19860				
Driver Names	LESLEY	MARQUEZ	—	PHYE	—	LAWRENCE	—				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:00 AM					ON LOCATION - SAFETY MEETING
8:15 AM					BREAK CIRC W/RIG 37 JTS RAN
9:35 AM	300		123	6	MIX 325 SKS H-CON @ 12.6 PPG
9:55 AM	100		60	6	MIX 280 SKS. COMMON @ 15.6 PPG
10:05 AM					DROP T.R. PLUG
10:09 AM	0		0	6	START DISPLACEMENT
10:27 AM	500		110	3	SLOW RATE
10:30 AM	700		118.8	3	PLUG DOWN - HELD
					CIRC. THRU JOB
					CIRC. 73 BBL TO PIT
					JOB COMPLETE, THANKS - KELEN LESLEY

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer UNIT PETROLEUM	Lease No.	Date 2-14-2013	
Lease HOLCOMB 21	Well # 1H		
Field Order # 07614	Station PRATT, KS.	Casing 4½"	Depth
County RENO	State KS.		
Type Job CNW - 4½" HANGING LINER	Formation TD - 10053'	Legal Description 21-24S-9W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 4½" X 11.6	Tubing Size	Shots/Ft	CMT -	~~Acid~~ ~~SKS~~ PREMIUM	RATE	PRESS	ISIP
Depth 10,053'	Depth	From	To	~~Pre Pad~~ @ 1.24 CU FT	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press 6000	Max Press	From	To	Frac	Avg		15 Min.
Well Connection BAKER - DOC	Annulus Vol.	From	To	114	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush ~~82~~ BBL	Gas Volume		Total Load

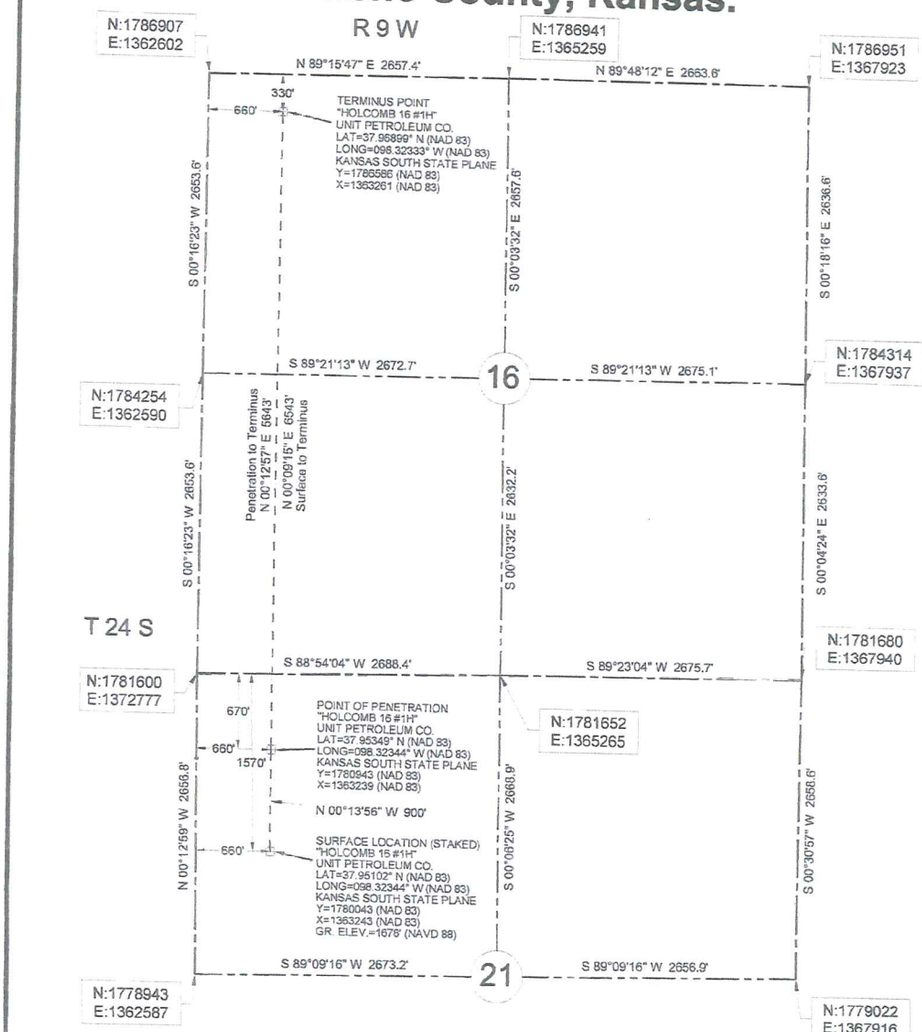
Customer Representative CARRY | Station Manager D. SCOTT | Treater K. LESLEY

Service Units	37586	19889	19843	70959	19918	19831	19862	19826	19860		
Driver Names	LESLEY	MARQUEZ	—	PHYE	—	ONIOC.		LAWRENCE	—		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00 AM					ON LOCATION - SAFETY MEETING
					HOOK UP TO 4½" X 11.6# CSG / 3½" D.P.
5:10PM	0	5000	.5		PSI TEST LINE TO 6000#
5:17PM					RELEASE BALL
5:18PM	3000		117	4	PUMP H2O TO SEAT BALL / SET SLEAVE
5:19 5PM					BREAK CIRC.
5:55PM					RELEASE D.P. OFF TOOL / STING IN
6:00PM	300		12	6	MUDFLUSH
6:02PM	500		5	6	H2O SPACER
6:03PM	300		~~000~~ 182	~~8~~ 5	MIX 825 SKS. PREMIUM @ 15.6# PPG
6:40PM					WASH PUMP & LINE CLEAN W/ SUGAR H2O
6:55PM			0	6	START DISPLACEMENT / 2% KCL / SUGAR
7:15PM	2500	114	~~132~~	4	LAND PLUG / CHECK FLOAT
7:21PM					RELEASE D.P. OFF LINER
7:45PM	1000		96	4	CIRC. HOLE CLEAN - WATCH FOR CMT. TO PIT
					PUMPED 49 BBL CMT. TO PIT
					JOB COMPLETE.
					THANKS -
					KEVEN LESLEY

Taylor Printing, Inc. 620-672-3656

Sections 16 and 21, T 24 S, R 9 W., Reno County, Kansas.



0' 1200' 2400' 3600'

Description: Surface Hole Location Stake "Holcomb 16 #1H" situated 1570 feet from the north section line and 660 feet from the west section line of Section 21, T 24 S, R 9 W., Reno County, Kansas.

LEGEND

SECTION LINE

1/4 SECTION LINE

Description: Point of Penetration "Holcomb 16 #1H" situated 670 feet from the north section line and 660 feet from the west section line of Section 21, T 24 S, R 9 W., Reno County, Kansas.

Description: Terminus Point "Holcomb 16 #1H" situated 330 feet from the north section line and 660 feet from the west section line of Section 16, T 24 S, R 9 W., Reno County, Kansas.

48 HOURS BEFORE YOU DIG...
CALL KANSAS ONE-CALL
1-800-344-7233

KANSAS ONE-CALL SYSTEM

Buried utilities are not necessarily shown. It is the contractor's responsibility to locate and preserve all utility services.

Contractor is responsible for contacting all utility companies prior to construction.

BEARINGS (NAD 83) KANSAS SOUTH STATE PLANE COORDINATES

We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not guaranteed and if there appears to be any discrepancy, please notify us immediately.

ROGER D. JIVIDEN
REGISTERED
L.S. 780
09-25-12
KANSAS

Survey is valid only if print has original seal and signature of surveyor present

JIVIDENS LAND SURVEY CO., INC.
1210 19TH STREET / P.O. BOX 943
WOODWARD, OKLAHOMA 73802
Phone 580-256-7174 - Fax 580-256-3424
roger@jividenslandsurvey.com mike@jividenslandsurvey.com

Survey For:
Unit Petroleum Co.
P.O. Box 2726
Woodward, OK 73802
Attn: Jason Rummery

JOB	DATE OF PLAT	SCALE	SHEET
579-12	09-19-2012	1"=1200'	1 OF 5

DRAWN BY D.W.K.

OKLA. CA #2064, EXP. 06/30/2013
KANSAS CA #143, EXP. 12/31/2012

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

Kansas
Corporation Commission

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

May 14, 2013

Brent Keys
Unit Petroleum Company
7130 S LEWIS AVE
STE 1000
TULSA, OK 74136-5492

Re: ACO1
API 15-155-21626-01-00
Holcomb 21 #1H
NW/4 Sec.21-24S-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,
Brent Keys

DEPTH INFORMATION SHEET

HOLCOMB 21 #1H, Sec. 21-24S-9W, Reno Co., KS

API No. 15-155-21626-01-00

TOTAL DEPTH: 10,053'

PLUG BACK TOTAL DEPTH: 10,010'

PRODUCTION LINER: SETTING DEPTH: 10,053'

Date of Last Revision:
14-May-13

Unit Petroleum Company

Well:	**Holcomb 21 #1H**	**API No.:**	151552160100
Location:	21-24S-9W	**Rig:**	Unit Drilling #331
County, State:	Reno County, KS	**Engineer:**	Brent Keys (918) 477-4510
Surface Location:	1570' FNL and 660' FWL	**Geology:**	Rob Wilson (928) 477-5728

OH Size