Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1189175

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: Kelly Ryan, Production Manager
Phone: (918) 493-7700
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 #:

11/11/2013	11/28/2013	01/24/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-21672-01-00
Spot Description:
NW NE NW NW Sec. 30 Twp. 25 S. R. 10 ☐ East ☑ West
175 Feet from ☑ North / ☐ South Line of Section
850 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: Dye Trust Well #: 19 #1H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1801 Kelly Bushing: 1815
Total Vertical Depth: 4005 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 160 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: 2712 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:
Operator Name: Underground Cavern Stabilization Company
Lease Name: 0 License #: 0
Quarter NE Sec. 14 Twp. 24 S. R. 6 ☐ East ☑ West
County: Reno Permit #: 0

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: 02/18/2014
☑ **Confidential Release Date:** 02/18/2016
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 02/18/2014

[redacted] 1189175

Operator Name: Unit Petroleum Company Lease Name: Dye Trust Well #: 19 #1H

Sec. 30 Twp. 25 S. R. 10 ☐ 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:

Comp Neutron Log
Compact Array Induction

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

Name	Top	Datum
Heebner	3345	1813
Kansas City	3535	
Stark Shale	3786	
Pleasanton Shale	3879	
Mississippi	3970	

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
6	4390 - 8920	Frac	

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:

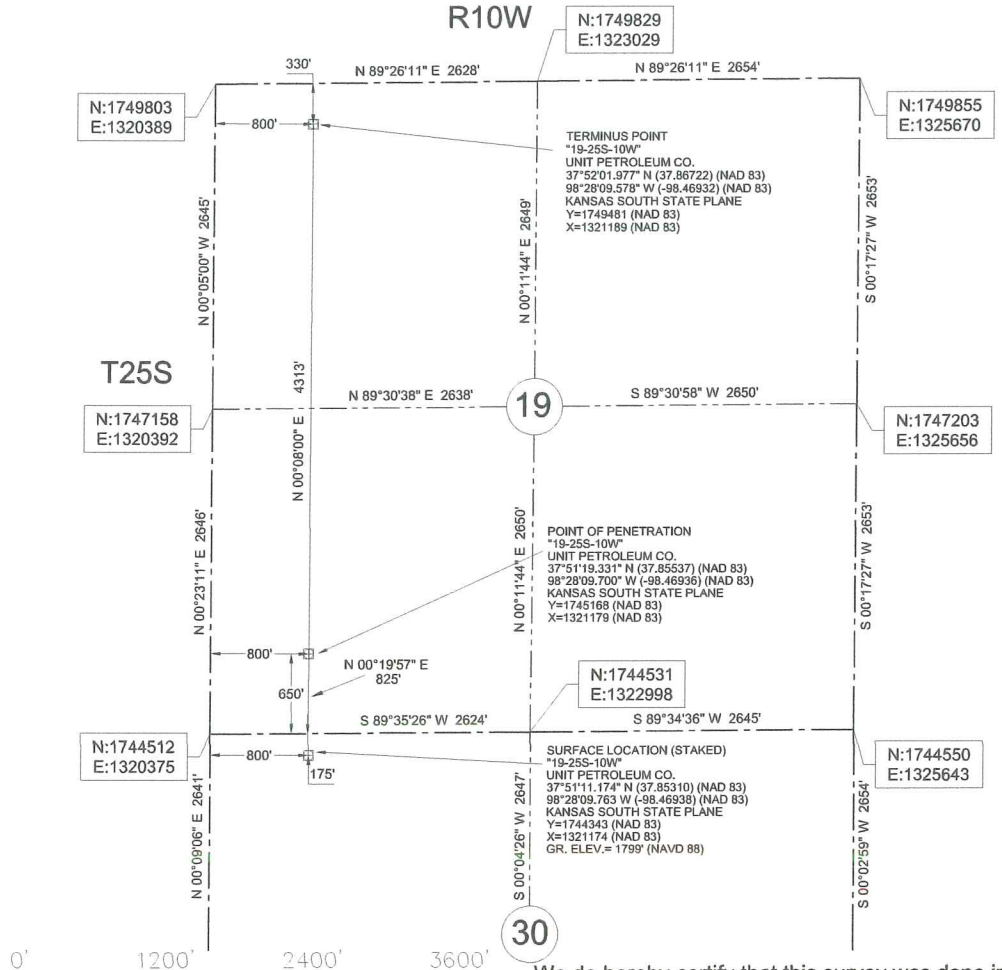
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	Dye Trust 19 #1H
Doc ID	1189175

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	160	Common	128	
Intermediate	12.25	9.625	36	1529	A	605	2% CC + 1/4# celloflake
Intermediate	8.75	7	26	4374	A	160	2% CC + 1/4# celloflake
Liner	6.125	4.50	11.6	8440	Prem H	540	2% CC + 1/4# celloflake

Sections 19 & 30, T 25 S, R 10 W., Reno County, Kansas.



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.

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.

Description: Surface Hole Location Stake "19-25S-10W" situated 175 feet from the north section line and 800 feet from the west section line of Section 30, T 25 S, R 10 W., Reno County, Kansas.

Description: Point of Penetration "19-25S-10W" situated 650 feet from the south section line and 800 feet from the west section line of Section 19, T 25 S, R 10 W., Reno County, Kansas.

Description: Terminus Point "19-25S-10W" situated 330 feet from the north section line and 800 feet from the west section line of Section 19, T 25 S, R 10 W., Reno County, Kansas.

Datum: NAD 83
Units: US Survey Feet
North: Grid
Coordinates: State Plane
Zone: 1502
State: Kansas
Region: South

LEGEND

SECTION LINE

1/4 SECTION LINE

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, Oklahoma 73802
Attn: Jason Rummery

JOB	DATE OF PLAT	SCALE	SHEET
457-13	08-19-2013	1"=1200'	1 OF 5

DRAWN BY	
C.A.N.	OKLA. CA #2064, EXP. 06/30/2015 KANSAS CA #143, EXP. 12/31/2014

Dye Trust 19 1H

Unit Petroleum

Reno County, Kansas
Section 30 T25S-R10W
Dye Trust 19 #1H

OH

Survey: MWD

Standard Survey Report

25 November, 2013

INWELL INC.

Unit Petroleum Company

Unit Petroleum
Project: Reno County, Kansas
Site: Section 30 T25S-R10W
Well: Dye Trust 19 #1H
Wellbore: OH
Design: Design #4
Lat: 37° 51' 11.176 N
Long: 98° 28' 9.143 W
Pad GL: 1798.00
KB: 14' KB @ 1812.00usft (UDI 331)

INWELL INC.

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00
1750.00	5.00	171.60	1749.88	-10.78	1.59	2.00	171.60	-10.78
2850.00	5.00	171.60	2845.50	-105.63	15.60	0.00	0.00	-105.56
3100.00	0.00	0.00	3095.18	-116.41	17.19	2.00	180.00	-116.33
3367.31	0.00	0.00	3362.49	-116.41	17.19	0.00	0.00	-116.33
3927.31	56.00	0.00	3837.49	136.15	17.19	10.00	0.00	136.23
4077.31	56.00	0.00	3921.37	260.51	17.19	0.00	0.00	260.58
4361.99	90.16	360.00	4003.00	528.85	17.18	12.00	-0.01	528.92
8969.66	90.16	360.00	3990.00	5136.50	16.94	0.00	0.00	5136.52

PROJECT DETAILS: Reno County, Kansas

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Kansas Southern Zone

System Datum: Mean Sea Level

WELL DETAILS: Dye Trust 19 #1H

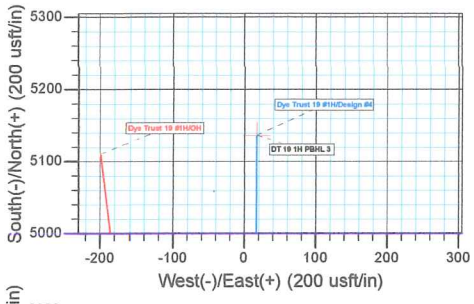
+N/-S	+E/-W	Northing	Ground Level: 1798.00 Easting	Latitude	Longitude	Slot
0.00	0.00	1744343.00	1321224.00	37° 51' 11.176 N	98° 28' 9.143 W	

Azimuths to Grid North
True North: -0.02°
Magnetic North: 4.68°

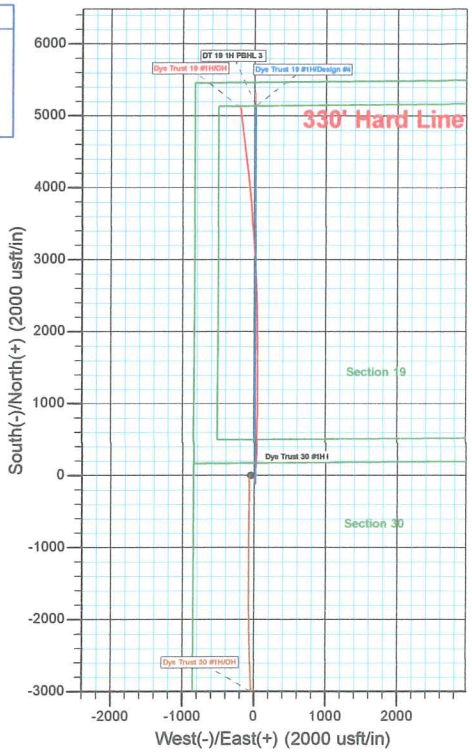
Magnetic Field
Strength: 52080.3snT
Dip Angle: 65.76°
Date: 10/31/2013
Model: IGRF2010

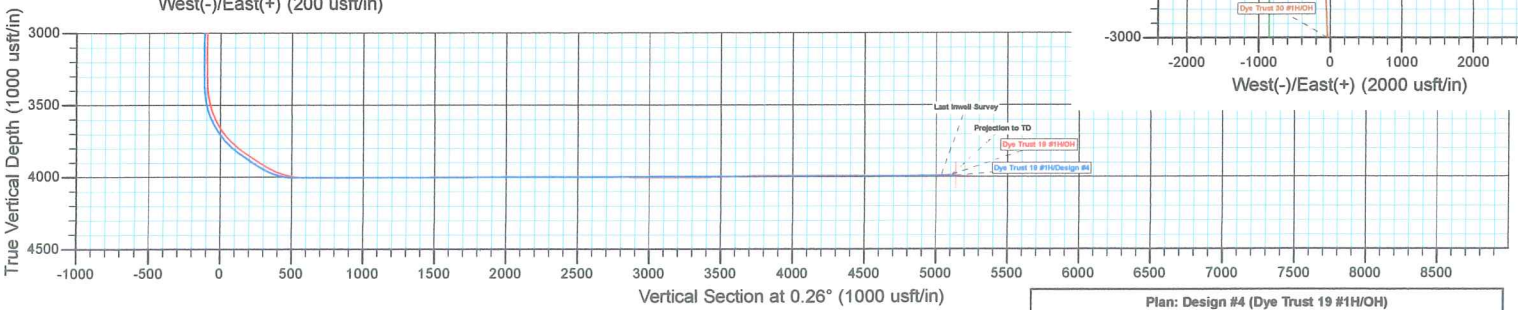
WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
DT 19 1H PBHL 3	3990.00	5136.50	16.94	37° 52' 1.955 N	98° 28' 8.911 W	Point



NOTE: All Lease lines and Hard lines are estimates only and are subject to the customers' approval.





Plan: Design #4 (Dye Trust 19 #1H/OH)
Created By: Derek Stephens Date: 7:55, November 25 2013

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Dye Trust 19 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1812.00usft (UDI 331)
Site:	Section 30 T25S-R10W	**MD Reference:**	14' KB @ 1812.00usft (UDI 331)
Well:	Dye Trust 19 #1H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Project Reno County, Kansas

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Kansas Southern Zone		Using geodetic scale factor

Site Section 30 T25S-R10W

Site Position:		**Northing:**	1,744,343.00 usft	**Latitude:**	37° 51' 11.176 N
From:	Map	**Easting:**	1,321,174.00 usft	**Longitude:**	98° 28' 9.767 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.02 °

Well Dye Trust 19 #1H

Well Position	**+N/-S**	0.00 usft	**Northing:**	1,744,343.00 usft	**Latitude:**	37° 51' 11.176 N
	+E/-W	0.00 usft	**Easting:**	1,321,224.00 usft	**Longitude:**	98° 28' 9.143 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	1,798.00 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/31/2013	4.70	65.76	52,080

Design OH

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	0.26

Survey Program **Date** 11/25/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
138.90	1,466.10	Gyro (OH)	CB-GYRO-MS	Camera based gyro multishot
1,573.00	8,920.00	MWD (OH)	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,466.10	0.50	197.96	1,466.06	1.90	-4.99	1.88	0.00	0.00	0.00
1,573.00	0.90	167.60	1,572.96	0.64	-4.96	0.62	0.50	0.37	-28.40
1,635.00	1.80	174.80	1,634.94	-0.80	-4.76	-0.83	1.47	1.45	11.61
1,699.00	3.00	178.00	1,698.88	-3.48	-4.61	-3.50	1.89	1.88	5.00
1,761.00	4.10	176.10	1,760.76	-7.31	-4.41	-7.33	1.78	1.77	-3.06
1,824.00	4.40	176.40	1,823.59	-11.97	-4.10	-11.99	0.48	0.48	0.48
1,919.00	4.50	176.20	1,918.30	-19.33	-3.63	-19.34	0.11	0.11	-0.21
2,014.00	4.70	176.70	2,013.00	-26.93	-3.15	-26.95	0.21	0.21	0.53
2,077.00	4.70	177.60	2,075.78	-32.09	-2.90	-32.10	0.12	0.00	1.43
2,141.00	4.70	177.80	2,139.57	-37.33	-2.69	-37.34	0.03	0.00	0.31

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Dye Trust 19 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1812.00usft (UDI 331)
Site:	Section 30 T25S-R10W	**MD Reference:**	14' KB @ 1812.00usft (UDI 331)
Well:	Dye Trust 19 #1H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
2,204.00	4.70	177.60	2,202.36	-42.48	-2.48	-42.50	0.03	0.00	-0.32
2,268.00	4.50	178.30	2,266.15	-47.61	-2.30	-47.62	0.32	-0.31	1.09
2,331.00	4.40	178.10	2,328.96	-52.50	-2.14	-52.51	0.16	-0.16	-0.32
2,395.00	4.50	179.00	2,392.77	-57.46	-2.02	-57.47	0.19	0.16	1.41
2,458.00	4.40	179.00	2,455.58	-62.35	-1.93	-62.36	0.16	-0.16	0.00
2,521.00	4.50	178.60	2,518.39	-67.24	-1.83	-67.25	0.17	0.16	-0.63
2,584.00	4.40	178.90	2,581.20	-72.12	-1.72	-72.13	0.16	-0.16	0.48
2,647.00	4.40	180.40	2,644.01	-76.96	-1.69	-76.96	0.18	0.00	2.38
2,711.00	4.40	180.40	2,707.82	-81.87	-1.73	-81.87	0.00	0.00	0.00
2,776.00	4.40	181.60	2,772.63	-86.85	-1.81	-86.86	0.14	0.00	1.85
2,839.00	3.40	176.00	2,835.49	-91.13	-1.75	-91.14	1.70	-1.59	-8.89
2,902.00	1.90	161.00	2,898.42	-93.98	-1.28	-93.99	2.60	-2.38	-23.81
2,966.00	0.90	133.30	2,962.40	-95.33	-0.57	-95.33	1.84	-1.56	-43.28
3,028.00	0.90	124.20	3,024.39	-95.94	0.19	-95.94	0.23	0.00	-14.68
3,091.00	1.00	126.60	3,087.38	-96.55	1.04	-96.54	0.17	0.16	3.81
3,155.00	0.50	53.00	3,151.38	-96.71	1.71	-96.70	1.54	-0.78	-115.00
3,218.00	0.40	20.10	3,214.38	-96.34	2.00	-96.33	0.43	-0.16	-52.22
3,281.00	0.50	30.40	3,277.37	-95.89	2.22	-95.88	0.20	0.16	16.35
3,322.00	0.60	25.60	3,318.37	-95.55	2.40	-95.54	0.27	0.24	-11.71
3,354.00	1.70	8.80	3,350.37	-94.93	2.55	-94.91	3.56	3.44	-52.50
3,385.00	4.30	4.50	3,381.32	-93.31	2.71	-93.30	8.41	8.39	-13.87
3,417.00	7.20	3.50	3,413.16	-90.12	2.93	-90.10	9.07	9.06	-3.13
3,449.00	10.30	4.90	3,444.78	-85.26	3.29	-85.25	9.71	9.69	4.38
3,481.00	13.20	5.40	3,476.11	-78.77	3.88	-78.75	9.07	9.06	1.56
3,513.00	16.20	5.50	3,507.05	-70.69	4.65	-70.67	9.38	9.38	0.31
3,544.00	19.00	5.20	3,536.60	-61.36	5.52	-61.33	9.04	9.03	-0.97
3,575.00	22.20	4.90	3,565.61	-50.50	6.48	-50.47	10.33	10.32	-0.97
3,608.00	25.20	4.90	3,595.83	-37.28	7.62	-37.25	9.09	9.09	0.00
3,639.00	28.70	4.90	3,623.46	-23.28	8.82	-23.24	11.29	11.29	0.00
3,671.00	32.20	4.20	3,651.04	-7.12	10.10	-7.08	10.99	10.94	-2.19
3,703.00	35.70	3.40	3,677.58	10.71	11.28	10.76	11.03	10.94	-2.50
3,735.00	38.90	3.00	3,703.03	30.07	12.36	30.12	10.03	10.00	-1.25
3,766.00	42.00	3.00	3,726.62	50.15	13.41	50.21	10.00	10.00	0.00
3,799.00	45.20	3.10	3,750.51	72.87	14.62	72.94	9.70	9.70	0.30
3,831.00	48.30	3.50	3,772.44	96.14	15.96	96.21	9.73	9.69	1.25
3,863.00	51.20	3.50	3,793.11	120.51	17.45	120.59	9.06	9.06	0.00
3,893.00	54.10	3.70	3,811.31	144.31	18.95	144.40	9.68	9.67	0.67
3,924.00	55.70	3.60	3,829.13	169.62	20.57	169.71	5.17	5.16	-0.32
3,956.00	56.20	3.70	3,847.05	196.08	22.25	196.18	1.58	1.56	0.31
3,988.00	56.10	3.80	3,864.88	222.60	23.99	222.71	0.41	-0.31	0.31
4,020.00	56.20	3.80	3,882.70	249.12	25.75	249.23	0.31	0.31	0.00
4,051.00	56.70	3.60	3,899.83	274.90	27.42	275.02	1.70	1.61	-0.65
4,083.00	58.90	3.00	3,916.88	301.93	28.98	302.06	7.06	6.88	-1.88

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Dye Trust 19 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1812.00usft (UDI 331)
Site:	Section 30 T25S-R10W	**MD Reference:**	14' KB @ 1812.00usft (UDI 331)
Well:	Dye Trust 19 #1H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,114.00	61.80	2.50	3,932.22	328.84	30.27	328.97	9.46	9.35	-1.61
4,146.00	64.70	2.00	3,946.62	357.39	31.39	357.53	9.17	9.06	-1.56
4,177.00	67.40	2.00	3,959.20	385.70	32.38	385.84	8.71	8.71	0.00
4,209.00	70.00	1.70	3,970.83	415.50	33.34	415.64	8.17	8.13	-0.94
4,241.00	73.00	1.70	3,980.98	445.83	34.24	445.98	9.38	9.38	0.00
4,272.00	76.50	1.90	3,989.13	475.71	35.18	475.87	11.31	11.29	0.65
4,304.00	80.00	1.80	3,995.65	507.02	36.19	507.18	10.94	10.94	-0.31
4,323.00	82.60	1.80	3,998.52	525.79	36.78	525.95	13.68	13.68	0.00
4,409.00	88.50	1.60	4,005.19	611.46	39.32	611.63	6.86	6.86	-0.23
4,440.00	90.10	1.50	4,005.57	642.44	40.16	642.62	5.17	5.16	-0.32
4,502.00	91.10	1.40	4,004.92	704.42	41.73	704.60	1.62	1.61	-0.16
4,564.00	89.80	1.30	4,004.43	766.40	43.19	766.59	2.10	-2.10	-0.16
4,626.00	90.40	1.30	4,004.32	828.38	44.60	828.58	0.97	0.97	0.00
4,688.00	91.50	1.10	4,003.30	890.36	45.89	890.56	1.80	1.77	-0.32
4,749.00	89.50	0.60	4,002.76	951.35	46.80	951.55	3.38	-3.28	-0.82
4,811.00	90.40	0.50	4,002.82	1,013.34	47.39	1,013.55	1.46	1.45	-0.16
4,873.00	91.30	0.50	4,001.90	1,075.33	47.93	1,075.54	1.45	1.45	0.00
4,934.00	90.30	0.00	4,001.05	1,136.33	48.20	1,136.53	1.83	-1.64	-0.82
4,996.00	90.90	359.60	4,000.40	1,198.32	47.98	1,198.53	1.16	0.97	-0.65
5,058.00	89.30	359.10	4,000.29	1,260.32	47.28	1,260.52	2.70	-2.58	-0.81
5,119.00	90.20	359.20	4,000.56	1,321.31	46.38	1,321.50	1.48	1.48	0.16
5,179.00	91.60	359.30	3,999.61	1,381.29	45.59	1,381.49	2.34	2.33	0.17
5,241.00	89.40	0.00	3,999.07	1,443.29	45.21	1,443.48	3.72	-3.55	1.13
5,304.00	89.40	359.90	3,999.73	1,506.28	45.16	1,506.47	0.16	0.00	-0.16
5,365.00	90.10	359.90	4,000.00	1,567.28	45.05	1,567.47	1.15	1.15	0.00
5,426.00	90.80	0.10	3,999.52	1,628.28	45.05	1,628.47	1.19	1.15	0.33
5,488.00	90.40	359.90	3,998.87	1,690.28	45.05	1,690.46	0.72	-0.65	-0.32
5,550.00	90.90	0.20	3,998.17	1,752.27	45.10	1,752.46	0.94	0.81	0.48
5,612.00	89.20	359.80	3,998.11	1,814.27	45.10	1,814.45	2.82	-2.74	-0.65
5,673.00	89.50	359.40	3,998.80	1,875.26	44.68	1,875.45	0.82	0.49	-0.66
5,735.00	89.90	359.20	3,999.13	1,937.26	43.92	1,937.44	0.72	0.65	-0.32
5,796.00	90.50	359.10	3,998.92	1,998.25	43.02	1,998.43	1.00	0.98	-0.16
5,857.00	90.70	359.20	3,998.28	2,059.24	42.11	2,059.41	0.37	0.33	0.16
5,919.00	89.30	359.20	3,998.28	2,121.23	41.25	2,121.40	2.26	-2.26	0.00
5,982.00	90.10	358.90	3,998.61	2,184.22	40.20	2,184.38	1.36	1.27	-0.48
6,043.00	91.20	358.40	3,997.92	2,245.20	38.76	2,245.35	1.98	1.80	-0.82
6,105.00	90.10	358.40	3,997.21	2,307.17	37.03	2,307.32	1.77	-1.77	0.00
6,166.00	90.20	358.30	3,997.05	2,368.15	35.28	2,368.28	0.23	0.16	-0.16
6,228.00	89.40	357.80	3,997.27	2,430.11	33.17	2,430.23	1.52	-1.29	-0.81
6,289.00	89.40	357.90	3,997.91	2,491.06	30.88	2,491.18	0.16	0.00	0.16
6,351.00	89.70	358.00	3,998.39	2,553.02	28.66	2,553.12	0.51	0.48	0.16
6,413.00	89.70	358.20	3,998.72	2,614.99	26.61	2,615.08	0.32	0.00	0.32
6,474.00	89.60	357.60	3,999.09	2,675.94	24.37	2,676.03	1.00	-0.16	-0.98

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Dye Trust 19 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1812.00usft (UDI 331)
Site:	Section 30 T25S-R10W	**MD Reference:**	14' KB @ 1812.00usft (UDI 331)
Well:	Dye Trust 19 #1H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,536.00	89.90	357.50	3,999.36	2,737.89	21.72	2,737.96	0.51	0.48	-0.16
6,597.00	90.00	357.20	3,999.42	2,798.82	18.90	2,798.88	0.52	0.16	-0.49
6,658.00	89.60	356.50	3,999.63	2,859.73	15.55	2,859.77	1.32	-0.66	-1.15
6,720.00	89.70	357.00	4,000.01	2,921.63	12.03	2,921.65	0.82	0.16	0.81
6,780.00	90.20	356.10	4,000.06	2,981.52	8.42	2,981.52	1.72	0.83	-1.50
6,841.00	90.00	355.90	3,999.95	3,042.37	4.17	3,042.36	0.46	-0.33	-0.33
6,903.00	89.40	356.20	4,000.28	3,104.22	-0.10	3,104.19	1.08	-0.97	0.48
6,964.00	89.40	355.70	4,000.92	3,165.06	-4.41	3,165.01	0.82	0.00	-0.82
7,026.00	88.80	355.50	4,001.89	3,226.87	-9.17	3,226.80	1.02	-0.97	-0.32
7,087.00	90.00	355.90	4,002.53	3,287.70	-13.74	3,287.60	2.07	1.97	0.66
7,149.00	91.00	356.20	4,001.99	3,349.55	-18.01	3,349.43	1.68	1.61	0.48
7,210.00	91.90	356.00	4,000.44	3,410.39	-22.16	3,410.25	1.51	1.48	-0.33
7,271.00	92.70	356.10	3,998.00	3,471.19	-26.36	3,471.04	1.32	1.31	0.16
7,333.00	91.90	356.30	3,995.51	3,533.00	-30.46	3,532.83	1.33	-1.29	0.32
7,395.00	90.70	356.70	3,994.10	3,594.87	-34.25	3,594.68	2.04	-1.94	0.65
7,456.00	90.70	356.70	3,993.36	3,655.77	-37.76	3,655.56	0.00	0.00	0.00
7,518.00	90.80	355.90	3,992.54	3,717.63	-41.76	3,717.40	1.30	0.16	-1.29
7,580.00	91.50	355.50	3,991.30	3,779.44	-46.41	3,779.19	1.30	1.13	-0.65
7,642.00	89.30	355.20	3,990.87	3,841.23	-51.43	3,840.96	3.58	-3.55	-0.48
7,704.00	89.30	354.80	3,991.63	3,902.99	-56.84	3,902.70	0.65	0.00	-0.65
7,765.00	89.80	354.50	3,992.10	3,963.73	-62.52	3,963.40	0.96	0.82	-0.49
7,827.00	89.50	354.20	3,992.48	4,025.42	-68.63	4,025.07	0.68	-0.48	-0.48
7,889.00	89.70	354.00	3,992.92	4,087.09	-75.00	4,086.71	0.46	0.32	-0.32
7,950.00	90.20	353.30	3,992.97	4,147.72	-81.75	4,147.30	1.41	0.82	-1.15
8,012.00	90.40	353.30	3,992.64	4,209.29	-88.98	4,208.85	0.32	0.32	0.00
8,074.00	91.10	353.30	3,991.83	4,270.86	-96.21	4,270.38	1.13	1.13	0.00
8,135.00	90.00	353.10	3,991.25	4,331.43	-103.44	4,330.92	1.83	-1.80	-0.33
8,197.00	89.70	353.10	3,991.41	4,392.98	-110.88	4,392.43	0.48	-0.48	0.00
8,259.00	90.20	353.00	3,991.46	4,454.53	-118.39	4,453.94	0.82	0.81	-0.16
8,320.00	89.90	352.90	3,991.41	4,515.07	-125.87	4,514.45	0.52	-0.49	-0.16
8,382.00	89.40	352.40	3,991.79	4,576.55	-133.80	4,575.90	1.14	-0.81	-0.81
8,444.00	89.40	352.50	3,992.44	4,638.01	-141.95	4,637.32	0.16	0.00	0.16
8,506.00	89.60	352.80	3,992.98	4,699.50	-149.88	4,698.77	0.58	0.32	0.48
8,568.00	89.90	352.90	3,993.25	4,761.02	-157.60	4,760.25	0.51	0.48	0.16
8,629.00	90.60	353.30	3,992.98	4,821.58	-164.93	4,820.78	1.32	1.15	0.66
8,691.00	90.60	353.30	3,992.33	4,883.15	-172.16	4,882.32	0.00	0.00	0.00
8,753.00	91.30	353.20	3,991.31	4,944.71	-179.45	4,943.85	1.14	1.13	-0.16
8,814.00	92.00	353.30	3,989.55	5,005.26	-186.61	5,004.36	1.16	1.15	0.16
8,845.00	92.20	353.00	3,988.41	5,036.02	-190.31	5,035.10	1.16	0.65	-0.97
Last Inwell Survey									
8,919.36	92.20	353.00	3,985.56	5,109.77	-199.36	5,108.81	0.00	0.00	0.00
DT 19 1H PBHL 3									
8,920.00	92.20	353.00	3,985.54	5,110.41	-199.44	5,109.45	0.00	0.00	0.00
Projection to TD									

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Dye Trust 19 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1812.00usft (UDI 331)
Site:	Section 30 T25S-R10W	**MD Reference:**	14' KB @ 1812.00usft (UDI 331)
Well:	Dye Trust 19 #1H	**North Reference:**	Grid
Wellbore:	OH	**Survey Calculation Method:**	Minimum Curvature
Design:	OH	**Database:**	EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
8,845.00	3,988.41	5,036.02	-190.31	Last Inwell Survey
8,920.00	3,985.54	5,110.41	-199.44	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

BASIC energy services, L.P.

TREATMENT REPORT

Customer	Lease No.	Date
Unit Petroleum Co		11-27-13
Lease: Dyer Trust	Well #: 19 #1H	

Field Order #	Station	Casing	Depth	County	State
9519	Pratt	4½	4864	Reno	KS

Type Job	Formation	Legal Description
4½ LINER		30-25-10

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	550sks Premium Cmt	Acid	RATE 1.24 yield	PRESS	ISIP
Depth	Depth	From	To .75% Friction Reducer	Pre Pad	Max 5.43 Water		5 Min.
Volume	Volume	From	To .25 Defoamer, 10% Salt	Pad	Min Gal/sk		10 Min.
Max Press	Max Press	From	To .1 Water Control Agent	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush 101	Gas Volume		Total Load

Customer Representative	Station Manager	Treater
Larry Miller	Kevin Gordon	Steve Orlando

Service Units	27283	78982/78983	70955/19918	19960/21010			
Driver Names	Orlando	Anthony	Yuhas	Hanson			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:00 AM					On location - Safety Meeting
11:00		4000			Pressure test To 4000#
					Release Ball
		500		4	Start H2O To [illegible] ball
		770	26	4	Ahw [illegible]
		3100	96	5	Landed 3100 To burst
			3	5	H2O Spacer
			12	5	~~[illegible]~~ Mud Flush
			3	5	H2O Spacer
			130	6	Mix 550 sks @ 15.6#
					Pump 2bbl Release Plug
		1700		5	Pumping 2% KCL Flush
		850		3½	Slow Rate
		650		3	Slow Rate
		2100	101	3	Landed Pressured to 2100
					Sheared Set Packer 3666 Returns
		1000	0	5	Start H2O to Clear
		1500	30	6	Increase Rate
		1700	95		Cement to pit
		750	125		Cement Complete
		750	135		Over Flush Complete
1:30 PM		1000			Pressure To 1000 - Hold Job Complete

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

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Unit Petroleum	Lease No.	Date: 11-17-18	
Lease: Dye Trust	Well #: 19 #1H		
Field Order #: 9073	Station	Casing: 7	Depth: 4374
County: Beng	State: Ks		
Type Job: CNW Intermediate	Formation	Legal Description: 30-25S-10W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 7	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 4374	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 167	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 4374	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	19889	19843	19959	19860	28443						
Driver Names	ED		TIM		JOE						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1415					onloc / safety meeting
					Run 97 JTS of 7" csg 26#
460	200		5	6.5	H2O spacer
	200		12	6.5	mudflush
	200		5	6.5	H2O spacer
					mix 160 sk of AA2 cement @ 15#
410					Shut Down
410					Release plug
410			0	7.00	start H2O disp.
	600		120	6.5	Lift PSI
			157	4	Slow Rate
430	1200		167	0	Plug Down
					JOB Complete
					Thank you
					JOE

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Unit Petroleum Co	Lease No.	Date: 11-13-13	
Lease: Dye Trust	Well #: 19 # 1 H		
Field Order #: 9367	Station: Pratt	Casing: 9 5/8	Depth: 1529.57
County: Reno	State: Ks		
Type Job: CNW ~~Cement~~ SURFACE	Formation	Legal Description: 31-25S-10W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 9 5/8	Tubing Size	Shots/Ft		Acid: CMT 325 SKS Accm	RATE: 7.2 CC	PRESS: 1/4 CF	ISIP
Depth: ~~1533.46~~	Depth: 1529	From: 57	To	Pre Pad: CMT 280 Common	Max: 22 CC	1/4 CF	5 Min.
Volume: 148.24	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 1529.57	Packer Depth	From	To	Flush: 120	Gas Volume		Total Load

Customer Representative: Brent Keyes	Station Manager: Kevin Gourley	Treater: Mike Mattai	
Service Units: 77586	27463	19831 / 19862	19903 / 73768
Driver Names: Mattai	Simms	Pitson	Young

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:45AM					On location / Safety Meeting
4:00					CSNG on Bottom
—					Rig Down CSNG crew / Rig up CMT crew
5:45					Hook up to CSNG
5:50	200		3	5	Pump 3 Bbl H2O
6:00	200		150	5	Mix 325 SKS Accm
6:31	200		60	5	Mix 280 SKS Common CMT
6:45	—				Release Plug
6:49	250			6	Start Disp.
7:05			65		CMT to Surface
7:15	700		100	3.5	100 out 3.5 BPM @ 700 PSI
7:20	800		120		Shut down Per Co. Man, Released Plug held
					55 Bbls to Pit, Circ Thru Job
					Job Complete
					Thank You
					Mike Mattai

Taylor Printing, Inc. 620-672-3656

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: Dye Trust 19-1H
Legal Description: Reno Cnty, KS

Cement Casing Data	
Cementing Date	11-10-13
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	160
Type of Cement	Common Cement
Sacks of Cement Used	128
Was cement circulated?	Yes
Job witnessed by: Jamie Lane	

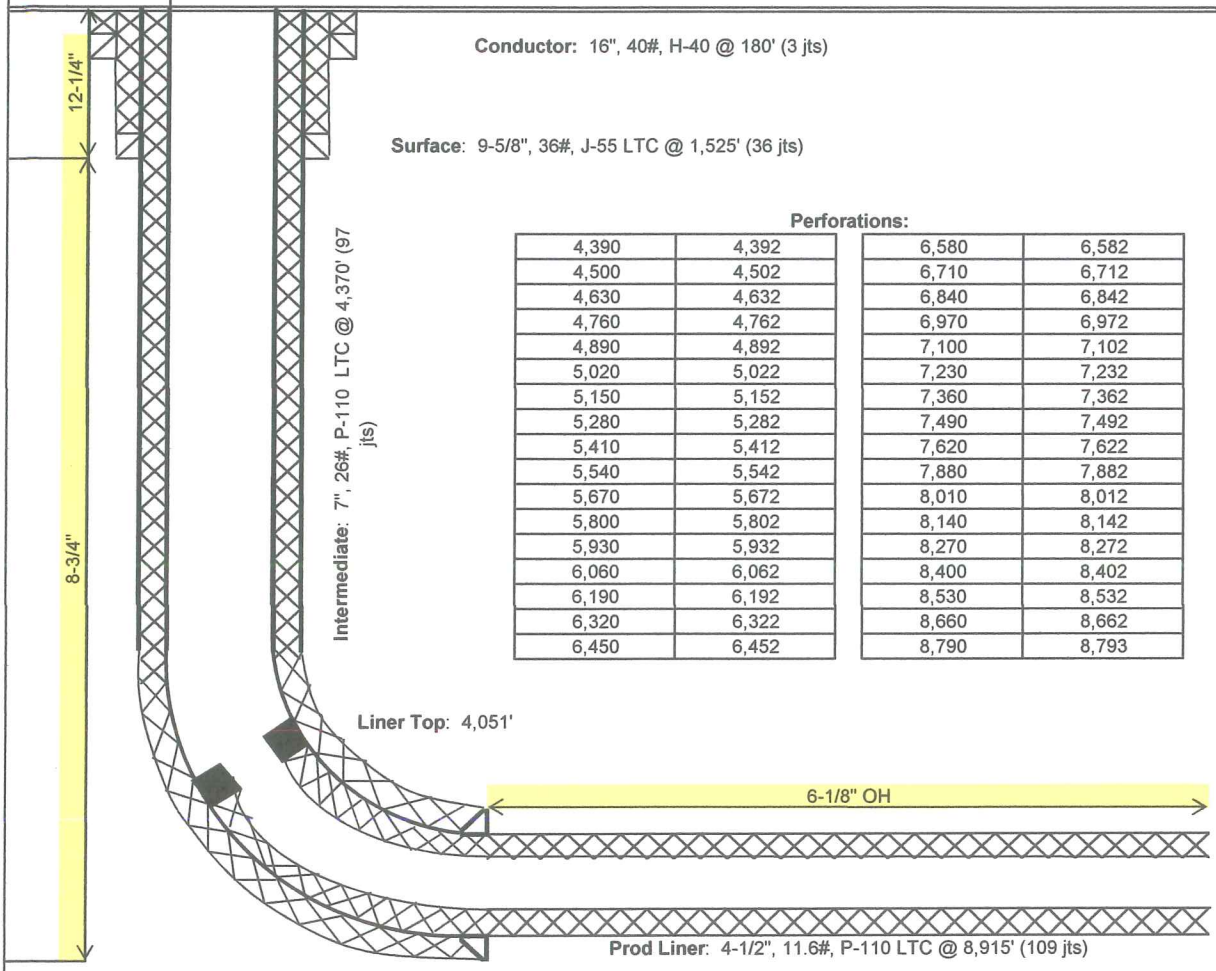
Jeff M. Owen
Mid-Continent Conductor, LLC

Date of Last Revision:
13-Feb-14

Unit Petroleum Company

Well:	**Dye Trust 19 #1H**	**API No.:**	1515521672
Location:	30-25S-10W	**Rig:**	Unit Drilling #331
County, State:	Reno County, KS	**Engineer:**	Brent Keys (918) 477-4510
Surface Location:	175' FNL & 850' FWL	**Geology:**	Rob Wilson (928) 477-5728

OH Size



Conductor: 16", 40#, H-40 @ 180' (3 jts)

Surface: 9-5/8", 36#, J-55 LTC @ 1,525' (36 jts)

Perforations:

4,390	4,392	6,580	6,582
4,500	4,502	6,710	6,712
4,630	4,632	6,840	6,842
4,760	4,762	6,970	6,972
4,890	4,892	7,100	7,102
5,020	5,022	7,230	7,232
5,150	5,152	7,360	7,362
5,280	5,282	7,490	7,492
5,410	5,412	7,620	7,622
5,540	5,542	7,880	7,882
5,670	5,672	8,010	8,012
5,800	5,802	8,140	8,142
5,930	5,932	8,270	8,272
6,060	6,062	8,400	8,402
6,190	6,192	8,530	8,532
6,320	6,322	8,660	8,662
6,450	6,452	8,790	8,793