Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1170327

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 #:

08/30/2013 Spud Date or Recompletion Date
09/16/2013 Date Reached TD
11/13/2013 Completion Date or Recompletion Date

API No. 15 - 15-155-21663-01-00
Spot Description:
N2 - NW - NE - NE Sec. 20 Twp. 25 S. R. 9 ☐ East ☑ West
225 Feet from ☑ North / ☐ South Line of Section
990 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: Zoloty Well #: 17 #1H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1704 Kelly Bushing: 1718
Total Vertical Depth: 8342 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 140 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: 78000 ppm Fluid volume: 1430 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Messenger Petroleum
Lease Name: Nicholas SWD License #: 4706
Quarter NE Sec. 20 Twp. 30 S. R. 8 ☐ East ☑ West
County: Kingman Permit #: D-27434

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: 11/26/2013
☑ **Confidential Release Date:** 11/26/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 11/26/2013

1170327

Operator Name: Unit Petroleum Company Lease Name: Zoloty Well #: 17 #1H

Sec. 20 Twp. 25 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:

Caliper
Radial Bond

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

Name	Top	Datum
Heebner	3210	1715
Kansas City	3401	
Stark Shale	3676	
Hushpuckney	3708	
Pleasanton Shale	3762	
Mississippi	3892	

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:
_____
_____

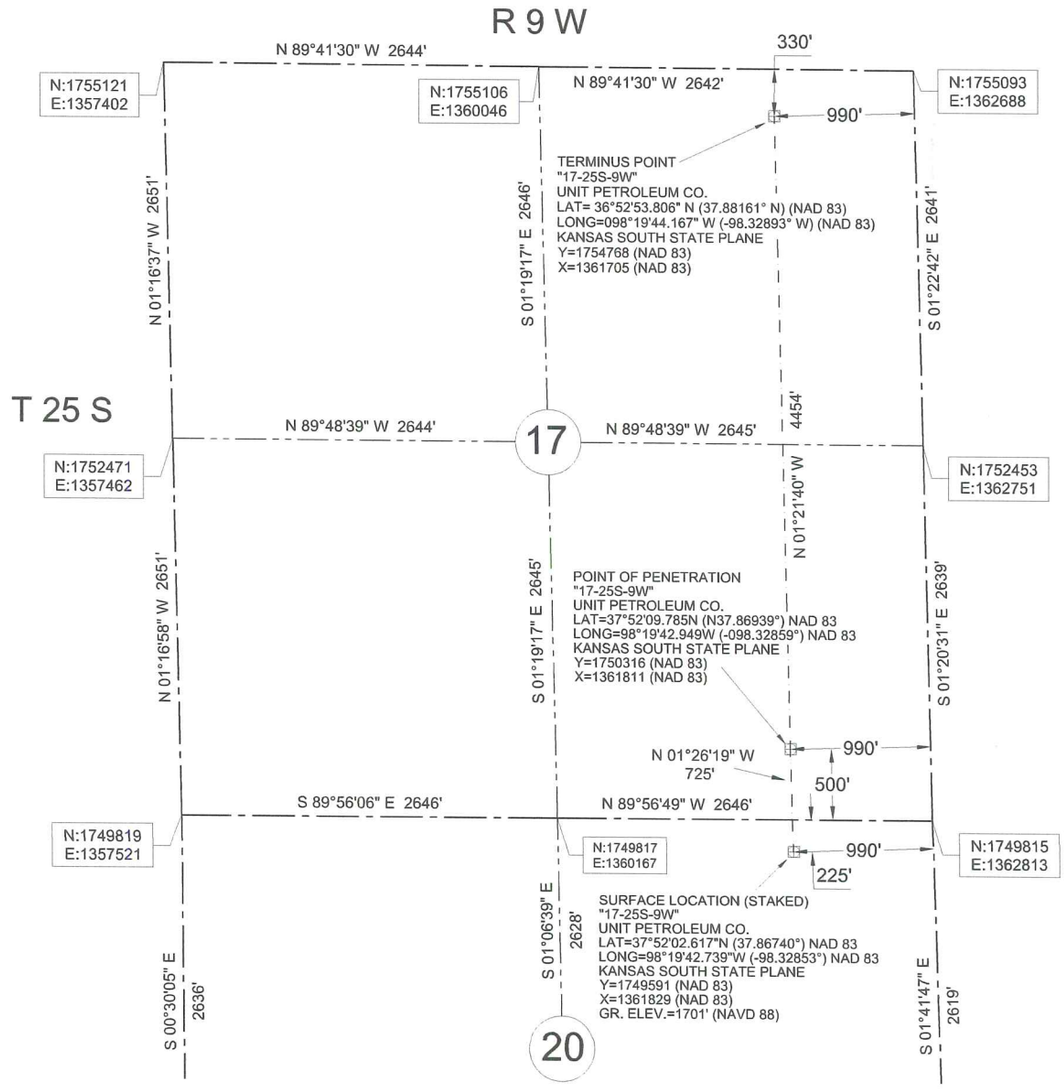
Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	Zoloty 17 #1H
Doc ID	1170327

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	140		120	2% cc
Intermediate	12.25	9.625	36	1504	A	605	2% cc 1/4" celloflake
Production	8.75	7	26	4185	A	160	2% cc 1/4# celloflake
Liner	6.125	4.50	11.6	8342	Prem H	600	2% cc 1/4# celloflake

Sections 17 & 20, T 25 S, R 9 W., Reno County, Kansas.



Description: Surface Hole Location Stake "17-25S-9W" situated 225 feet from the north section line and 990 feet from the east section line of Section 20, T 25 S, R 9 W., Reno County, Kansas.

Description: Point of Penetration "17-25S-9W" situated 500 feet from the south section line and 990 feet from the east section line of Section 17, T 25 S, R 9 W., Reno County, Kansas.

Description: Terminus Point "17-25S-9W" situated 330 feet from the north section line and 990 feet from the east section line of Section 17, T 25 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.

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.

BEARINGS (NAD 83) KANSAS SOUTH STATE PLANE COORDINATES

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, OK 73802
Attn: Jason Rummery

JOB	DATE OF PLAT	SCALE	SHEET
118-13	04-22-2013	1"=1200'	1 OF 5

DRAWN BY	
C.A.N.	OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2014

Unit Petroleum

Reno County, Kansas
Section 17 T25S-R9W
Zoloty 17 #1H

OH

Design: OH

Standard Survey Report

16 September, 2013

INWELL INC.

Unit Petroleum Company

Unit Petroleum
Project: Reno County, Kansas
Site: Section 17 T25S-R9W
Well: Zoloty 17 #1H
Wellbore: OH
Design: Design #5
Lat: 37° 52' 2.625 N
Long: 98° 19' 42.726 W
Pad GL: 1701.00
KB: 14' KB @ 1715.00usft (UDI 331)

INWELL INC.

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
5265.00	89.40	356.00	3936.02	1584.48	-55.09	0.00	0.00	1585.35
5433.65	93.42	1.42	3931.87	1752.94	-58.89	4.00	53.39	1753.85
5600.07	93.42	1.42	3921.94	1919.02	-54.78	0.00	0.00	1919.78
5687.30	90.26	359.94	3919.14	2006.18	-53.74	4.00	-154.89	2006.89
6600.15	90.26	359.94	3915.00	2919.02	-54.70	0.00	0.00	2919.49
6691.83	90.29	0.00	3914.99	2920.70	-54.70	4.00	63.43	2921.17
7600.16	90.29	0.00	3909.94	3919.02	-54.70	0.00	0.00	3919.21
7630.11	90.15	1.19	3909.82	3948.97	-54.39	4.00	96.71	3949.14
7660.07	90.01	2.38	3909.78	3978.91	-53.45	4.00	96.71	3979.05
7813.61	89.99	356.24	3909.78	4132.37	-55.31	4.00	-90.20	4132.51
8860.83	89.99	356.24	3910.00	5177.33	-124.01	0.00	0.00	5178.81

WELL DETAILS: Zoloty 17 #1H

+N/-S	+E/-W	Northing	Ground Level: 1701.00 Easting	Latitude	Longitude	Slot
0.00	0.00	1749591.00	1361829.00	37° 52' 2.625 N	98° 19' 42.726 W	

PROJECT DETAILS: Reno County, Kansas

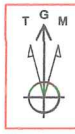
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Kansas Southern Zone

System Datum: Mean Sea Level

WELLBORE TARGET DETAILS (LAT/LONG)

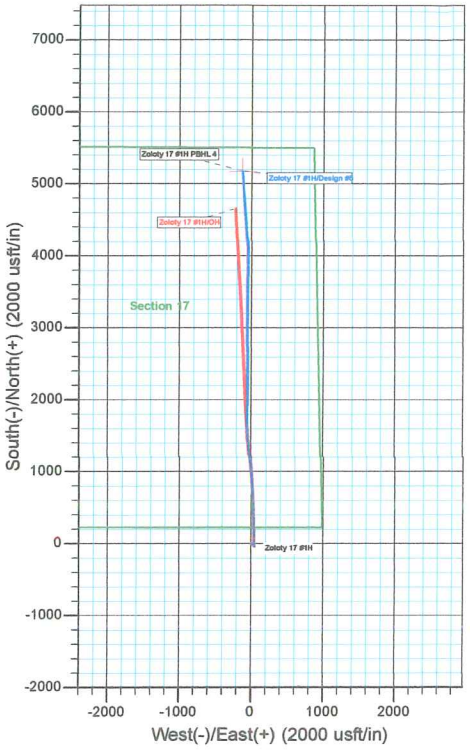
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Zoloty 17 #1H PBHL 4	3910.00	5177.33	-124.01	37° 52' 53.810 N	98° 19' 44.154 W	Point

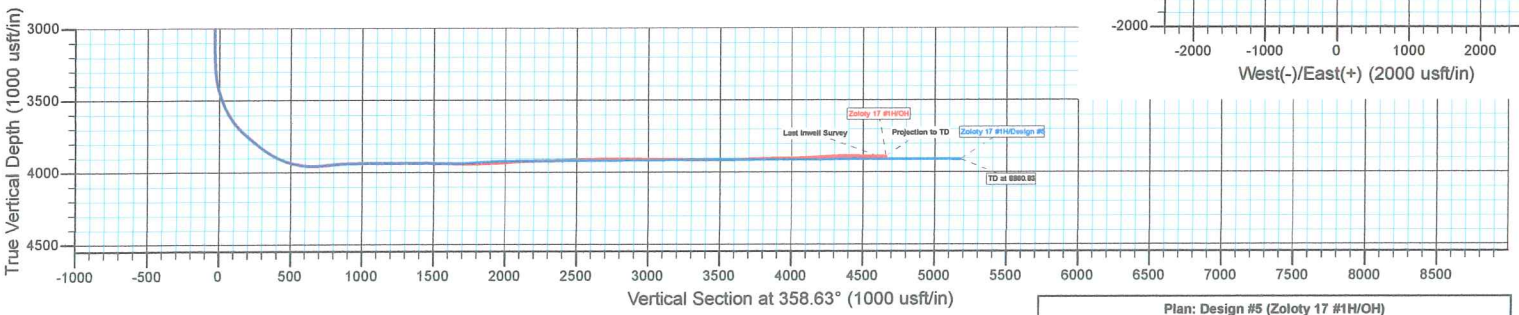
NOTE: All Lease lines and Hard lines are estimates only and are subject to the customers' approval.



Azimuths to Grid North
True North: -0.10°
Magnetic North: 4.53°

Magnetic Field
Strength: 52119.5snT
Dip Angle: 65.80°
Date: 8/20/2013
Model: IGRF2010





Plan: Design #5 (Zoloty 17 #1H/OH)

Created By: Derek Stephens Date: 10:02, September 16 2013

Inwell, Inc.
Survey Report

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Zoloty 17 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1715.00usft (UDI 331)
Site:	Section 17 T25S-R9W	**MD Reference:**	14' KB @ 1715.00usft (UDI 331)
Well:	Zoloty 17 #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 17 T25S-R9W

Site Position:		**Northing:**	1,749,591.00 usft	**Latitude:**	37° 52' 2.625 N
From:	Map	**Easting:**	1,361,829.00 usft	**Longitude:**	98° 19' 42.726 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.11 °

Well Zoloty 17 #1H

Well Position	**+N/-S**	0.00 usft	**Northing:**	1,749,591.00 usft	**Latitude:**	37° 52' 2.625 N
	+E/-W	0.00 usft	**Easting:**	1,361,829.00 usft	**Longitude:**	98° 19' 42.726 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	1,701.00 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/20/2013	4.63	65.80	52,120

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	358.63

Survey Program **Date** 9/16/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
76.63	8,342.00	Gyro (OH)	CB-GYRO-MS	Camera based gyro multishot

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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
76.63	0.44	116.89	76.63	-0.13	0.26	-0.14	0.57	0.57	0.00
170.45	0.64	132.35	170.45	-0.65	0.97	-0.67	0.26	0.21	16.48
264.27	1.07	122.11	264.25	-1.47	2.10	-1.52	0.48	0.46	-10.91
358.09	1.11	109.39	358.06	-2.23	3.70	-2.32	0.26	0.04	-13.56
451.91	1.38	101.57	451.86	-2.76	5.66	-2.90	0.34	0.29	-8.34
545.73	1.34	120.44	545.65	-3.55	7.72	-3.73	0.48	-0.04	20.11
639.55	1.86	100.84	639.43	-4.39	10.16	-4.63	0.80	0.55	-20.89
733.37	1.92	104.37	733.20	-5.06	13.18	-5.38	0.14	0.06	3.76
827.19	2.24	110.57	826.96	-6.10	16.41	-6.49	0.42	0.34	6.61

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Zoloty 17 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1715.00usft (UDI 331)
Site:	Section 17 T25S-R9W	**MD Reference:**	14' KB @ 1715.00usft (UDI 331)
Well:	Zoloty 17 #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)
921.01	2.49	113.77	920.70	-7.56	20.00	-8.04	0.30	0.27	3.41
1,014.83	2.38	111.45	1,014.44	-9.10	23.67	-9.66	0.16	-0.12	-2.47
1,108.65	1.94	113.63	1,108.19	-10.45	26.94	-11.09	0.48	-0.47	2.32
1,202.47	2.18	128.63	1,201.95	-12.20	29.79	-12.91	0.63	0.26	15.99
1,296.29	2.34	144.81	1,295.70	-14.88	32.29	-15.64	0.70	0.17	17.25
1,390.11	2.24	147.96	1,389.44	-18.00	34.37	-18.81	0.17	-0.11	3.36
1,483.93	1.84	131.70	1,483.20	-20.55	36.46	-21.42	0.75	-0.43	-17.33
1,577.75	1.38	136.59	1,576.99	-22.38	38.36	-23.29	0.51	-0.49	5.21
1,671.57	1.29	169.99	1,670.78	-24.24	39.32	-25.17	0.82	-0.10	35.60
1,765.39	1.37	156.70	1,764.58	-26.31	39.95	-27.25	0.34	0.09	-14.17
1,859.21	0.84	177.33	1,858.38	-28.02	40.43	-28.98	0.70	-0.56	21.99
1,953.03	0.96	171.28	1,952.19	-29.49	40.58	-30.45	0.16	0.13	-6.45
2,046.85	0.80	116.86	2,046.00	-30.56	41.28	-31.54	0.87	-0.17	-58.00
2,140.67	0.31	175.65	2,139.81	-31.11	41.88	-32.10	0.74	-0.52	62.66
2,234.49	0.54	152.17	2,233.63	-31.75	42.11	-32.75	0.30	0.25	-25.03
2,328.31	0.23	125.83	2,327.45	-32.25	42.47	-33.26	0.37	-0.33	-28.08
2,422.13	0.40	145.43	2,421.27	-32.63	42.81	-33.65	0.21	0.18	20.89
2,515.95	0.43	133.12	2,515.09	-33.14	43.25	-34.17	0.10	0.03	-13.12
2,609.77	0.08	132.25	2,608.90	-33.43	43.56	-34.46	0.37	-0.37	-0.93
2,703.59	0.37	295.72	2,702.72	-33.34	43.33	-34.37	0.48	0.31	174.24
2,797.41	0.31	340.33	2,796.54	-32.97	42.97	-33.99	0.28	-0.06	47.55
2,891.23	0.38	337.25	2,890.36	-32.44	42.77	-33.46	0.08	0.07	-3.28
2,985.05	0.54	282.04	2,984.18	-32.07	42.21	-33.07	0.48	0.17	-58.85
3,078.87	0.62	302.49	3,077.99	-31.70	41.35	-32.68	0.23	0.09	21.80
3,172.69	0.46	313.63	3,171.81	-31.17	40.65	-32.13	0.20	-0.17	11.87
3,216.00	0.70	334.60	3,215.12	-30.81	40.41	-31.77	0.73	0.55	48.42
3,248.00	1.50	344.10	3,247.11	-30.23	40.22	-31.18	2.56	2.50	29.69
3,280.00	3.70	349.90	3,279.08	-28.81	39.92	-29.76	6.92	6.88	18.13
3,311.00	6.10	352.30	3,309.96	-26.19	39.52	-27.13	7.77	7.74	7.74
3,342.00	8.40	353.80	3,340.71	-22.31	39.06	-23.24	7.44	7.42	4.84
3,374.00	10.70	355.40	3,372.26	-17.02	38.57	-17.94	7.23	7.19	5.00
3,406.00	13.00	355.70	3,403.58	-10.47	38.06	-11.38	7.19	7.19	0.94
3,436.00	15.40	355.20	3,432.66	-3.14	37.47	-4.03	8.01	8.00	-1.67
3,468.00	17.90	355.50	3,463.32	6.00	36.73	5.12	7.82	7.81	0.94
3,499.00	20.50	358.70	3,492.59	16.18	36.23	15.31	9.05	8.39	10.32
3,531.00	23.10	1.20	3,522.30	28.06	36.24	27.18	8.63	8.13	7.81
3,562.00	26.00	1.80	3,550.50	40.93	36.58	40.05	9.39	9.35	1.94
3,593.00	28.80	2.20	3,578.02	55.19	37.08	54.29	9.05	9.03	1.29
3,625.00	31.80	1.30	3,605.64	71.32	37.57	70.41	9.48	9.38	-2.81
3,657.00	34.70	0.10	3,632.40	88.87	37.77	87.94	9.29	9.06	-3.75
3,689.00	37.90	359.00	3,658.19	107.81	37.62	106.88	10.20	10.00	-3.44
3,720.00	41.00	358.40	3,682.12	127.50	37.17	126.57	10.08	10.00	-1.94
3,751.00	44.30	358.00	3,704.92	148.49	36.51	147.57	10.68	10.65	-1.29
3,783.00	47.70	357.90	3,727.14	171.49	35.68	170.58	10.63	10.63	-0.31

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Zoloty 17 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1715.00usft (UDI 331)
Site:	Section 17 T25S-R9W	**MD Reference:**	14' KB @ 1715.00usft (UDI 331)
Well:	Zoloty 17 #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)
3,815.00	50.60	358.40	3,748.07	195.68	34.90	194.79	9.14	9.06	1.56
3,846.00	51.30	358.50	3,767.60	219.74	34.25	218.86	2.27	2.26	0.32
3,878.00	51.30	358.50	3,787.61	244.71	33.60	243.83	0.00	0.00	0.00
3,910.00	51.50	357.90	3,807.58	269.70	32.81	268.84	1.59	0.63	-1.88
3,942.00	51.90	357.90	3,827.41	294.80	31.89	293.95	1.25	1.25	0.00
3,973.00	54.20	357.70	3,846.04	319.55	30.94	318.72	7.44	7.42	-0.65
4,005.00	57.20	357.70	3,864.07	345.96	29.88	345.15	9.38	9.38	0.00
4,037.00	59.80	358.00	3,880.79	373.23	28.86	372.43	8.16	8.13	0.94
4,069.00	63.10	358.90	3,896.08	401.32	28.10	400.53	10.60	10.31	2.81
4,101.00	66.70	357.90	3,909.65	430.28	27.29	429.51	11.60	11.25	-3.13
4,132.00	69.70	357.80	3,921.17	459.04	26.21	458.28	9.68	9.68	-0.32
4,202.00	79.70	357.30	3,939.61	526.41	23.32	525.71	14.30	14.29	-0.71
4,228.00	79.90	357.80	3,944.22	551.98	22.23	551.29	2.04	0.77	1.92
4,262.00	81.10	357.60	3,949.83	585.49	20.88	584.82	3.58	3.53	-0.59
4,279.00	82.80	357.20	3,952.21	602.30	20.12	601.65	10.27	10.00	-2.35
4,289.00	84.60	357.40	3,953.31	612.23	19.65	611.58	18.11	18.00	2.00
4,309.00	88.50	357.50	3,954.51	632.17	18.76	631.54	19.51	19.50	0.50
4,340.00	93.40	357.30	3,954.00	663.12	17.35	662.52	15.82	15.81	-0.65
4,371.00	94.20	356.80	3,951.94	694.01	15.76	693.44	3.04	2.58	-1.61
4,402.00	94.60	357.10	3,949.56	724.88	14.12	724.33	1.61	1.29	0.97
4,433.00	95.10	357.10	3,946.94	755.73	12.55	755.21	1.61	1.61	0.00
4,464.00	95.70	356.90	3,944.03	786.55	10.94	786.06	2.04	1.94	-0.65
4,494.00	94.40	356.60	3,941.39	816.38	9.25	815.93	4.45	-4.33	-1.00
4,525.00	92.30	356.20	3,939.57	847.27	7.30	846.85	6.90	-6.77	-1.29
4,556.00	91.50	356.00	3,938.55	878.18	5.19	877.80	2.66	-2.58	-0.65
4,587.00	92.00	355.70	3,937.60	909.08	2.95	908.75	1.88	1.61	-0.97
4,618.00	92.60	355.50	3,936.36	939.96	0.58	939.68	2.04	1.94	-0.65
4,649.00	91.30	355.60	3,935.30	970.85	-1.83	970.62	4.21	-4.19	0.32
4,710.00	91.00	355.50	3,934.08	1,031.66	-6.56	1,031.52	0.52	-0.49	-0.16
4,772.00	89.20	355.10	3,933.97	1,093.45	-11.64	1,093.41	2.97	-2.90	-0.65
4,834.00	89.70	354.80	3,934.56	1,155.20	-17.10	1,155.28	0.94	0.81	-0.48
4,895.00	90.60	354.80	3,934.40	1,215.95	-22.63	1,216.14	1.48	1.48	0.00
4,957.00	89.80	354.30	3,934.19	1,277.67	-28.51	1,277.98	1.52	-1.29	-0.81
5,019.00	90.50	354.60	3,934.02	1,339.38	-34.51	1,339.82	1.23	1.13	0.48
5,081.00	90.40	355.40	3,933.54	1,401.14	-39.91	1,401.69	1.30	-0.16	1.29
5,141.00	89.40	355.00	3,933.64	1,460.93	-44.93	1,461.58	1.80	-1.67	-0.67
5,203.00	88.40	355.10	3,934.83	1,522.68	-50.28	1,523.45	1.62	-1.61	0.16
5,265.00	89.40	356.00	3,936.02	1,584.48	-55.09	1,585.35	2.17	1.61	1.45
5,327.00	88.90	356.30	3,936.94	1,646.34	-59.25	1,647.28	0.94	-0.81	0.48
5,388.00	89.00	356.70	3,938.06	1,707.21	-62.98	1,708.23	0.68	0.16	0.66
5,449.00	89.50	356.90	3,938.86	1,768.11	-66.38	1,769.19	0.88	0.82	0.33
5,512.00	92.30	357.30	3,937.87	1,831.02	-69.57	1,832.16	4.49	4.44	0.63
5,573.00	92.40	357.10	3,935.37	1,891.89	-72.55	1,893.09	0.37	0.16	-0.33

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Zoloty 17 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1715.00usft (UDI 331)
Site:	Section 17 T25S-R9W	**MD Reference:**	14' KB @ 1715.00usft (UDI 331)
Well:	Zoloty 17 #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)
5,634.00	93.40	357.10	3,932.28	1,952.74	-75.63	1,953.99	1.64	1.64	0.00
5,696.00	93.50	357.50	3,928.55	2,014.56	-78.54	2,015.86	0.66	0.16	0.65
5,757.00	93.90	356.70	3,924.61	2,075.35	-81.62	2,076.71	1.46	0.66	-1.31
5,819.00	92.10	356.30	3,921.37	2,137.15	-85.40	2,138.58	2.97	-2.90	-0.65
5,880.00	91.10	356.30	3,919.67	2,197.99	-89.34	2,199.50	1.64	-1.64	0.00
5,942.00	91.40	357.30	3,918.31	2,259.88	-92.80	2,261.46	1.68	0.48	1.61
6,003.00	90.60	358.00	3,917.25	2,320.82	-95.30	2,322.44	1.74	-1.31	1.15
6,065.00	91.70	357.80	3,916.01	2,382.77	-97.57	2,384.42	1.80	1.77	-0.32
6,126.00	92.10	358.10	3,913.98	2,443.69	-99.75	2,445.38	0.82	0.66	0.49
6,188.00	92.00	357.40	3,911.76	2,505.61	-102.18	2,507.33	1.14	-0.16	-1.13
6,249.00	92.20	356.70	3,909.53	2,566.48	-105.32	2,568.27	1.19	0.33	-1.15
6,311.00	89.80	357.50	3,908.45	2,628.39	-108.46	2,630.23	4.08	-3.87	1.29
6,372.00	90.20	357.50	3,908.45	2,689.33	-111.12	2,691.22	0.66	0.66	0.00
6,434.00	90.90	357.40	3,907.85	2,751.27	-113.88	2,753.20	1.14	1.13	-0.16
6,495.00	89.40	357.20	3,907.69	2,812.20	-116.75	2,814.18	2.48	-2.46	-0.33
6,557.00	89.80	357.60	3,908.13	2,874.13	-119.56	2,876.17	0.91	0.65	0.65
6,618.00	90.50	357.20	3,907.97	2,935.07	-122.33	2,937.15	1.32	1.15	-0.66
6,680.00	89.50	357.60	3,907.97	2,997.00	-125.14	2,999.14	1.74	-1.61	0.65
6,742.00	89.70	357.40	3,908.40	3,058.94	-127.85	3,061.12	0.46	0.32	-0.32
6,803.00	90.00	356.90	3,908.56	3,119.87	-130.88	3,122.10	0.96	0.49	-0.82
6,865.00	89.10	357.20	3,909.05	3,181.78	-134.07	3,184.08	1.53	-1.45	0.48
6,927.00	88.60	357.10	3,910.29	3,243.69	-137.15	3,246.04	0.82	-0.81	-0.16
6,989.00	88.30	356.10	3,911.97	3,305.56	-140.83	3,307.98	1.68	-0.48	-1.61
7,050.00	89.10	356.30	3,913.35	3,366.41	-144.87	3,368.91	1.35	1.31	0.33
7,112.00	90.10	356.30	3,913.78	3,428.28	-148.87	3,430.86	1.61	1.61	0.00
7,174.00	90.40	356.30	3,913.51	3,490.15	-152.87	3,492.81	0.48	0.48	0.00
7,236.00	91.30	356.50	3,912.59	3,552.02	-156.76	3,554.75	1.49	1.45	0.32
7,297.00	92.30	356.70	3,910.68	3,612.88	-160.38	3,615.68	1.67	1.64	0.33
7,359.00	92.10	356.90	3,908.30	3,674.74	-163.84	3,677.60	0.46	-0.32	0.32
7,421.00	91.00	356.50	3,906.62	3,736.61	-167.41	3,739.55	1.89	-1.77	-0.65
7,483.00	90.60	356.50	3,905.75	3,798.49	-171.19	3,801.50	0.65	-0.65	0.00
7,544.00	91.10	356.20	3,904.85	3,859.36	-175.07	3,862.44	0.96	0.82	-0.49
7,606.00	91.60	355.50	3,903.39	3,921.18	-179.56	3,924.35	1.39	0.81	-1.13
7,668.00	90.80	356.20	3,902.09	3,983.00	-184.04	3,986.26	1.71	-1.29	1.13
7,729.00	91.60	356.10	3,900.81	4,043.85	-188.14	4,047.19	1.32	1.31	-0.16
7,791.00	92.60	356.80	3,898.54	4,105.69	-191.98	4,109.10	1.97	1.61	1.13
7,852.00	93.10	357.10	3,895.51	4,166.53	-195.22	4,170.00	0.96	0.82	0.49
7,914.00	93.10	357.20	3,892.16	4,228.36	-198.30	4,231.89	0.16	0.00	0.16
7,976.00	93.40	356.90	3,888.64	4,290.18	-201.48	4,293.77	0.68	0.48	-0.48
8,038.00	90.40	356.80	3,886.58	4,352.04	-204.89	4,355.70	4.84	-4.84	-0.16
8,100.00	88.80	356.70	3,887.02	4,413.94	-208.40	4,417.66	2.59	-2.58	-0.16
8,163.00	89.10	357.10	3,888.17	4,476.84	-211.81	4,480.62	0.79	0.48	0.63
8,224.00	89.20	356.40	3,889.08	4,537.73	-215.26	4,541.58	1.16	0.16	-1.15

Company:	Unit Petroleum	**Local Co-ordinate Reference:**	Well Zoloty 17 #1H
Project:	Reno County, Kansas	**TVD Reference:**	14' KB @ 1715.00usft (UDI 331)
Site:	Section 17 T25S-R9W	**MD Reference:**	14' KB @ 1715.00usft (UDI 331)
Well:	Zoloty 17 #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)
8,286.00	89.80	356.90	3,889.62	4,599.62	-218.89	4,603.54	1.26	0.97	0.81
Last Inwell Survey									
8,342.00	89.80	356.90	3,889.81	4,655.54	-221.92	4,659.51	0.00	0.00	0.00
Projection to TD - Zoloty 17 #1H PBHL 4									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
8,286.00	3,889.62	4,599.62	-218.89	Last Inwell Survey
8,342.00	3,889.81	4,655.54	-221.92	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

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/

November 26, 2013

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

Re: ACO1
API 15-155-21663-01-00
Zoloty 17 #1H
NE/4 Sec.20-25S-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

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Unit Petroleum Company	Lease No.	Date: 9-15-13	
Lease: Zoloty 17	Well #: 1H		
Field Order #: 8723	Station: Pratt, Kansas	Casing: 4½ 11.61 lb/ft	Depth: 8,342 Feet
County: Reno	State: Kansas		
Type Job: C.N.W. - 4½" Liner	Formation	Legal Description: 20-25S-9W	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 4½ 11.61 lb/ft	Tubing Size	Shots/Ft	Cement	Acid: 600 sacks premium	RATE	PRESS	ISIP
Depth: 8,342 Feet	Depth	From	To	Pre Pad: Reducer, .25% Defoamer, .1%	Max		5 Min.
Volume	Volume	From	To	Pad: 10% Salt, .2% LB/1sk Cellflake	Min		10 Min.
Max Press: 3,000 PSI	Max Press: 3,000 PSI	From	To	Frac	Avg		15 Min.
Well Connection: Plug Container	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 3,243 Feet	Packer Depth	From	To	Flush: 92	Gas Volume		Total Load

Customer Representative: Brent Keys | Station Manager: Kevin Gordley | Treater: Clarence R. Messick

Service Units	37,216	19,959	19,905	20,959	19,918	19,826	19,860				
Driver Names	Messick	Mc	Graw	Ph	ye	Pie	rson				

Time P/M	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:15				Trucks	on location and hold safety meeting.
					3½" Drill Pipe being run upon arrival.
					Liner in well. Circulate for 1.5 hours.
9:20		4,000			Shut in well. Pressure Test. Open well.
9:31		~~1,500~~		4	Start Fresh water pre-flush.
		1,500	20	4	Start Mud Flush.
		1,500	32	4	Start Fresh water spacer
		1,500	37	4	Start Mixing 600 sacks Premium cement.
			169		Stop pumping. Shut in well. Wash pump and lines.
					Release Drill Pipe plug. Open well.
10:05				4	Start 2% KCL Displacement
	1,300		24		Land Drill Pipe plug. Shear casing plug.
				5.5	Start casing Displacement
				3	Slow rate.
0:26	1,500		92		Land B Casing plug.
	2500				Pressure up
					Release pressure.
					Well flowed back
	1,500			3	Start pumping again. Pumping steady.
					Open release. Well flowed back again.
					Pull 13 stands of Drill pipe and wash up pump truck
					Wash up to Drill Pipe

BASIC energy services, L.P.

TREATMENT REPORT

Customer Unit Petroleum	Lease No.			Date 9-5-13	
Lease ZOLOTY	Well # 17#1H				
Field Order # 8349	Station Pratt	Casing 7	Depth 4185	County Reno	State KS
Type Job CNW 7' Intermediate		Formation		Legal Description 20-25-9	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 7	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 4185	Depth	From	To	Pre Pad	Max		5 Min.
Volume 160	Volume	From	To	Pad	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 4185	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	27463		70959	19918		28443					
Driver Names	Steve		Dale			JOE					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					On Loc / Safety Meeting
					Run 95 JTS 7 csg 26#
12:15					csg on Bottom / Hook to Rig to Circ.
1:30					Hook to Pump to Start JOB
	300		12	5	Mud Flush
			5	5	H20 Spacer
			40	5	mix 160 sk AA2 cement at 15#
			0	0	Shut Down Clear Pump & Lines
			0	0	Release Plug
	200		0	6	Start H20 Disp.
	300		110	5.25	Lift PSI
	800		155	2	Slow Rate
2:20	1400		160	0	Plug Down
					Circ. Thru. JOB
					JOB Complete
					Thank you
					JOE

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer UNIT PETROLEUM	Lease No.	Date 8-31-2013	
Lease ZOLOTY	Well # 17#1H		
Field Order # 21142	Station PRATT, KS.	Casing 9 5/8" Depth	County RENO / State KS.
Type Job CNW - 9 5/8" S.P.	Formation TD - 1504'	Legal Description 20-25S-9	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 9 5/8 X 36#	Tubing Size	Shots/Ft	CMT -	Acid 325SKS. A-CON!	RATE	PRESS	ISIP
Depth ~~1504~~	Depth 1504'	From	To	Pre Pad @2.47 CUFT³	Max		5 Min.
Volume 110.25 BBL	Volume	From	To CMT -	Pad 280SKS. COMMON!	Min		10 Min.
Max Press 1500	Max Press	From	To	Frac @ 1.20 CUFT³	Avg		15 Min.
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 1504'	Packer Depth	From	To	Flush 110 BBL	Gas Volume		Total Load

Customer Representative GREG | Station Manager K. GORDLEY | Treater K. LESLEY

Service Units	37586	19889	19843	19826	19860	19960	21010				
Driver Names	LESLEY	MARQUEZ	—	[illegible]	—	[illegible]	—				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00PM					ON LOCATION - SAFETY MEETING
9:30PM					CSG. ON BOTTOM
9:55PM					HOOK UP TO 9 5/8" X 36# CSG.
10:00PM					BREAK CIRC. W/RIG
10:20PM			5	6	H2O AHEAD
10:30PM			143	6	MIX 325SKS. A-CON @ 12 PPG
10:54PM			60	6	MIX 280 SKS. COMMON @ 15.6 PPG
11:04PM					DROP T.R. PLUG
11:06PM			0	6	START DISPLACEMENT
11:22PM			100	3	SLOW RATE
11:30PM			116	2	PLUG DOWN - HELD
					CIRC. THRU JOB
					CIRC. 57 BBLS TO PIT
					JOB COMPLETE,
					THANKS -
					KEVEN / 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

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: Zootie 17-1H
Legal Description: Reno Cnty, KS

Cement Casing Data	
Cementing Date	8-20-13
Size of Drill Bit (Inches)	28
Size of Casing (Inches O.D.)	16
Setting Depth of Casing (ft.) from ground level	140
Type of Cement	Common Cement
Sacks of Cement Used	144
Was cement circulated?	Yes
Job witnessed by: Spencer Brownlee	

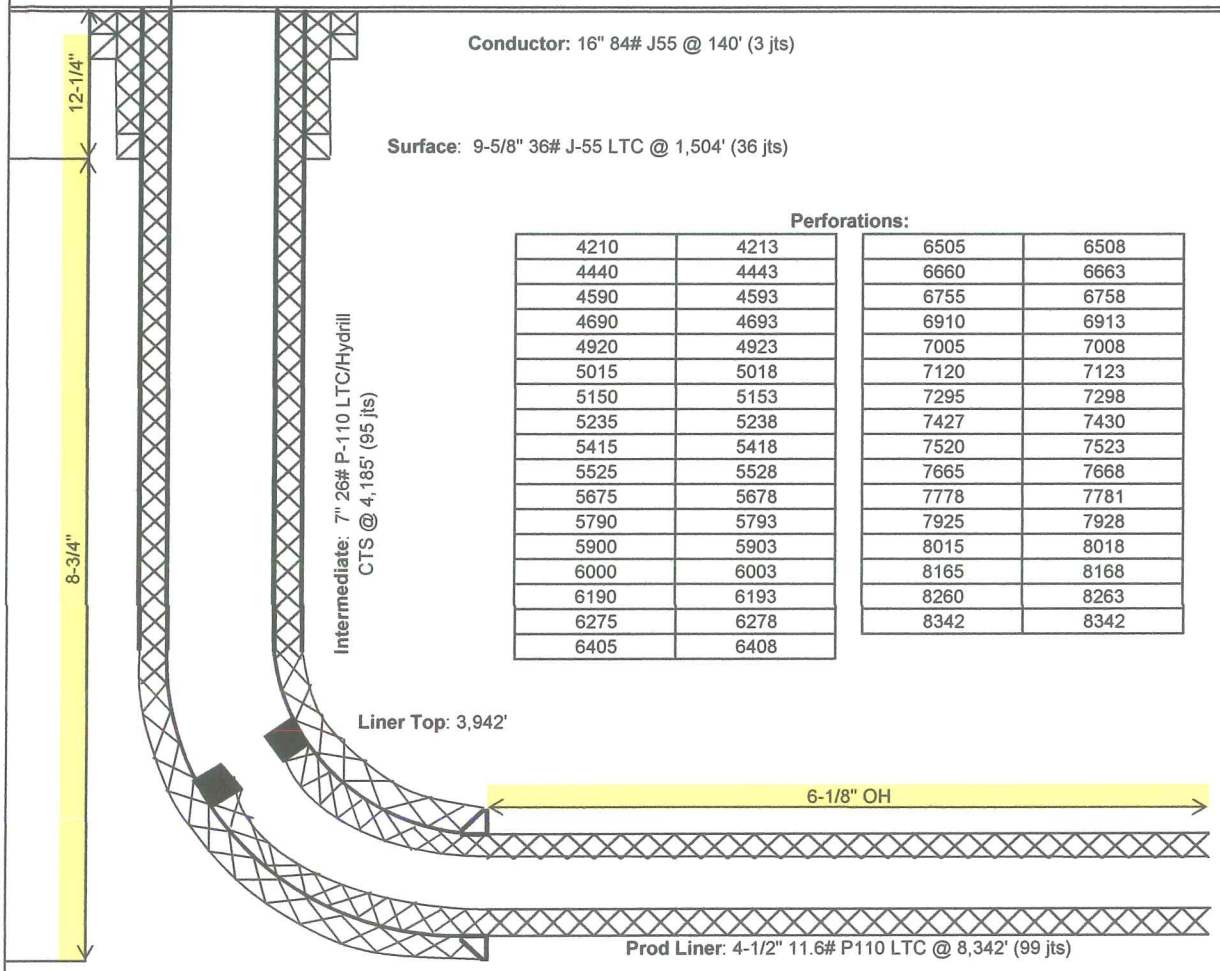
Jeff M. Owen
Mid-Continent Conductor, LLC

Date of Last Revision:
26-Nov-13

Unit Petroleum Company

Well:	**Zoloty 17 #1H**	**API No.:**	1515521663
Location:	20-25S-9W	**Rig:**	Unit Drilling #331
County, State:	Reno County, KS	**Engineer:**	Brent Keys (918) 477-4510
Surface Location:	225 FNL & 990 FEL	**Geology:**	Rob Wilson (928) 477-5728

OH Size



Perforations:

4210	4213	6505	6508
4440	4443	6660	6663
4590	4593	6755	6758
4690	4693	6910	6913
4920	4923	7005	7008
5015	5018	7120	7123
5150	5153	7295	7298
5235	5238	7427	7430
5415	5418	7520	7523
5525	5528	7665	7668
5675	5678	7778	7781
5790	5793	7925	7928
5900	5903	8015	8018
6000	6003	8165	8168
6190	6193	8260	8263
6275	6278	8342	8342
6405	6408		