



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1085353
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1085353

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Unit Petroleum Company
Well Name	Overall 1-21H
Doc ID	1085353

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	17.5	13.375	48	231	A	345	2% CC
Intermediate	12.25	9.625	36	1550	A	605	2% CC
Production	8.75	7.00	26	4583	A	225	
Liner	6.125	4.50	11.6	8113	Prem A	400	

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	UNIT PETROLEUM	Lease No.		Date	3-24-2012		
Lease	OVERALL	Well #	1-21H				
Field Order #	05987	Station	PRATT, KS.	Casing	4 1/2"	Depth	3
Type Job	CNW - 4 1/2" LINER/HORIZONTAL			Formation	TD-8115'	Legal Description	21-255-10W
						County	RENO
						State	KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	4 1/2" x 11.6"	Shots/Ft	CMT -	Acid	20 SKS PREMIUM	RATE	PRESS
Depth	3985'	From	RMT -	Pre Pad	400 SKS PREMIUM	Max	47-SHOETRACK ST. W/ FLOAT COLLAR
Volume	601.3 BBL	From	To	Pad		Min	3985' 4 1/2" x 11.6"
Max Press	5000	From	To	Frac		Avg	2611' - IF D.P.
Well Connection	BAKEL-HEAD	Annulus Vol.	From	To		HHP Used	81473' - H.D.D.P.
Plug Depth	61' 36"	Packer Depth	From	To	Flush	Gas Volume	87.5 BBL
							Total Load

Customer Representative: LARRY Station Manager: D. SCOTT Treater: C. MESSICK / K. LESLEY

Service Units	37586	37216	19903	19905	19826	19860	19832	21010			
Driver Names	LESLEY	MESSICK	MATEL	WRIGHT	MCCRAW		YOUNG				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 AM					ON LOCATION - SAFETY MEETING
9:00 AM					SPOT TRUCKS ON LOCATION
12:30 PM	3100		81	3	LINER ON BOTTOM - PUMP BALL THROUGH
12:55 PM	1100		12	6	MUDFLUSH
12:56 PM	1100		5	5	H ⁸ O SPACER
12:57 PM	1100		7	5	MIX 20 SKS. PREMIUM @ 13.0 PPG
12:58 PM	1000		88	5	MIX 400 SKS. PREMIUM @ 15.6 PPG
1:15 PM					CLEAR PUMP & LINE - DROP 3 1/2" PLUG
1:19 PM	0		0	6	START DISPLACEMENT
1:23 PM	600		26	5	3 1/2" PLUG LANDED IN 4 1/2" PLUG
1:35 PM	1800		87.5	4	4 1/2" PLUG LANDED
1:37 PM	0				RELEASE PSI ON CSG.
1:40 PM	1000		5	.25	PSI UP ON CSG.
1:41 PM	0				STRING OUT OF 4 1/2"
					PULL D.P. OUT OF WELL BORE
					✓
					JOB COMPLETE
					THANKS -
					KEVIN LESLEY



energy services, L.P.

TREATMENT REPORT

Customer Unit Petroleum	Lease No.	Date 3-14-17
Lease Over All	Well # 1-21H	
Field Order # 05603A	Station Pratt	Casing 7"
Type Job 7 Long String	Formation CWW	Depth 4583
		County Dewo
		State KS.
		Legal Description 21-25-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7"	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
4583				500 gal. mud flush				
Depth 4583	Depth	From	To	Pro Pad	Max			5 Min.
Volume 175	Volume	From	To	95 SKS A-con @ 13H	Min			10 Min.
Max Press 1000	Max Press	From	To	130 SKS AA2 @ 15H				15 Min.
Well Connection Swedge	Annulus Vol.	From	To	Frac	Avg			Annulus Pressure
Plug Depth 4583	Packer Depth	From	To	Flush Disp H2O	Gas Volume			Total Load

Customer Representative (Brent Keys) Larry	Station Manager Scotty	Treater Allen
Service Units 28443	23708	20920
Driver Names Allen Joe	Melton Dale	Phye

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1230 AM					on loc. Discuss Safety, Setup, Plan Job
					Run 7" casing 26" pipe.
4:40					Casing @ 4583' CIR w/ Rig.
5:30	300#		12	5	Pump 12 BBL mud flush
			33	5	mix + Pump 95 SKS A-con Blend 13H
	300#			5	mix + Pump 130 SKS AA2 @ 15H
			33		Finish mix, Drop Plug.
6:00				6 1/2	start Disp - washup on Top of Plug.
	800#			5	caught Lift w/ 10.5 BBL's out.
6:30	1100#		174	4	Plug down
	0#				Release PSI - "OK"
					Knock loose + Rackup Equip.
					Job complete.
					thanks Allen, Joe, Dale

119141

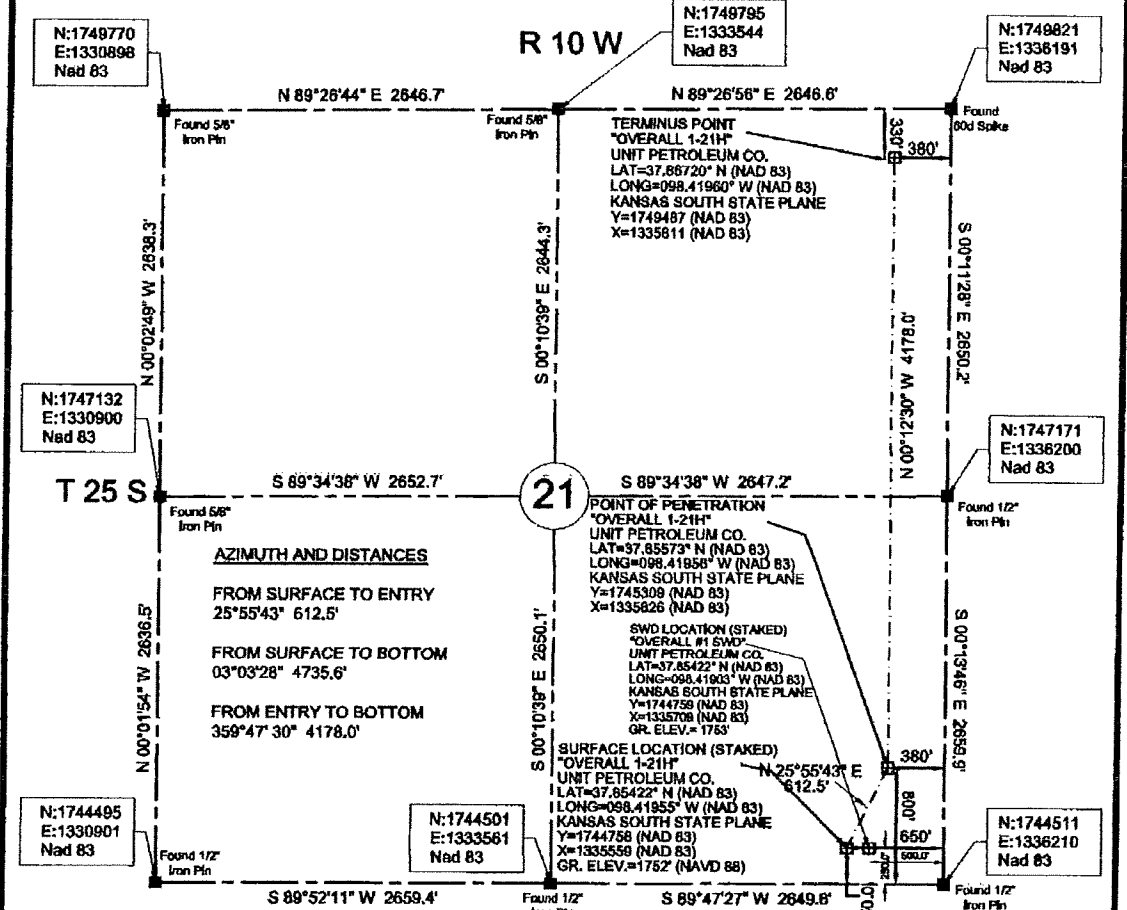
Customer Unit Petroleum Company	Lease No. Overall	Lease Overall	Well # 1-21H	Date 3-6-12
Field Order # 4311	Station Pratt Kansas	Casing" 13/8 48Lb	Depth 231 Feet	County Reno
Type Job C.N.W - Surface	Formation	Legal Description 21-255-10W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13/8 48	Tubing Size 4.61 FT.	Shots/Ft	270s	Acid	COMMON CEMENT WITH	RATE	PRESS	ISIP
Depth 231 Feet	Depth	From	208 Calc	Pre-Pack	UM Chloride	Max	Cell Note	5 Min.
Volume 36.3 Bbl.	Volume	From	To 15.6 Lb.	Pre-Pack	5.23 Gal./s	Min	U.F.T. 1sk	10 Min.
Max Press 400 P.S.I.	Max Press	From	To	Etac		Avg		15 Min.
Well Connection 2 Wedge and 2 Vals	Annulus Vol.	From	To 75 sacks	cement for 1"	(Common with 28 Calc	Annulus Pressure	UM Chloride)	
Plug Depth 19 Feet	Packer Depth	From	To	Flush	30 Bbl. Fresh	Gas Volume		Total Load

Customer Representative Drent Keys	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	33,708	20,920
Driver Names Messick	Melson	Lawrence

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:45					Trucks on location and hold safety meeting.
9:30					Union Drilling start to run Regular Guide Shoe with Auto Fill Insert screwed into it and a total of 5 Joints new 4 3/8 Lb./Ft. 13 3/8" casing. A Basket was installed above collar #3. A centralizer was installed on collars # 1, 3, 4.
10:30					Casing stacked out - 20 Feet off of Bottom. Hook up sledge to circulate casing down but it was plugged up.
12:15					Call Log-Tech to perforate casing. Log-Tech made 4 holes at 231 Feet.
1:30					Hook up to circulate. Casing would not go down.
1:40	300	Air	10	5	Start Fresh water Pre-Flush.
	300		10	5	Start mixing 270 sacks common cement.
	350		17	5	Start Fresh water Displacement and wash
2:10	400		17		up pump truck.
2:10	400		17		Plug down. Shut in well.
					Run tape measure down Annulus and tag
					Basket 66 Feet down. Order more cement.
4:20					Run 60 Feet of 1" tubing.
4:35	300			2	Start mixing common cement with 28 calcium chloride
4:45			16		Cement circulated to surface. Pull 1" tubing out of well.
					Wash up pump truck.
5:00					Job Complete.

Section 21, T 25 S, R 10 W., Reno County, Kansas.



AZIMUTH AND DISTANCES

FROM SURFACE TO ENTRY
25°55'43" 612.5'

FROM SURFACE TO BOTTOM
03°03'28" 4735.6'

FROM ENTRY TO BOTTOM
359°47'30" 4178.0'

Description: Surface Hole Location Stake "Overall 1-21H" situated 250 feet from the south section line and 650 feet from the east section line of Section 21, T 25 S, R 10 W., Reno County, Kansas.

Description: Terminus Point "Overall 1-21H" situated 330 feet from the north section line and 650 feet from the east section line of Section 21, T 25 S, R 10 W., Reno County, Kansas.

Description: Location Stake "Overall #1 SWD" situated 250 feet from the south section line and 500 feet from the east section line of Section 21, 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.

BEARINGS (NAD 83) KANSAS SOUTH STATE PLANE COORDINATES

LEGEND

———— SECTION LINE

----- 1/4 SECTION LINE

REVISED 02-03-2012:
EDITED P.O.P. AND TERMINUS COORDINATES

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

<p>JIVDENS LAND SURVEY Co., INC. 1210 19TH STREET / P.O. BOX 943 WOODWARD, OKLAHOMA 73802 Phone 580-256-7174 • Fax 580-256-3424 roger@jivdenslandsurvey.com mk@jivdenslandsurvey.com</p>	<p>Survey For: Unit Petroleum Co. P.O. Box 2726 Woodward, OK 73802 Attn: Jason Rummery</p>	JOB 422-11	DATE OF PLAT 10-24-2011	SCALE 1"=1000'	SHEET 1 OF 5
		DRAWN BY R.D.J.	OKLA. CA #2064, EXP. 06/30/2013 KANSAS CA #143, EXP. 12/31/2012		



Job Number: 12-161
 Company: Unit Petroleum
 Lease/Well: Overall #1
 Location: Reno County
 Rig Name: Unit # 32
 RKB:
 G.L. or M.S.L.:

State/Country: Kansas
 Declination: 4.87
 Grid: -0.04
 File name: P:\SURVEYS\UNIT12161R7.SVY
 Date/Time: 03-Apr-12 / 16:03
 Curve Name: as drilled corrected

Inwell Inc

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 3.32
 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
200.00	.00	.00	200.00	.00	.00	.00	.00
400.00	.10	23.00	200.00	.16	.07	.16	.05
600.00	.25	265.60	400.00	.29	-.30	.27	.15
800.00	.10	73.40	600.00	.30	-.57	.27	.17
	.30	12.00	800.00	.87	-.29	.85	.13
1000.00	.30	23.60	999.99	1.86	.03	1.86	.03
1200.00	.70	27.50	1199.99	3.42	.80	3.46	.20
1400.00	.80	47.80	1399.97	5.44	2.40	5.57	.14
1500.00	.80	55.20	1499.96	6.31	3.49	6.50	.10
1606.00	.90	65.80	1605.95	7.07	4.86	7.34	.18
1796.00	.70	69.00	1795.93	8.10	7.30	8.51	.11
1985.00	.70	80.20	1984.92	8.71	9.52	9.25	.07
2174.00	.90	83.20	2173.90	9.08	12.13	9.77	.11

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
2364.00	.90	86.90	2363.87	9.34	15.10	10.20	.03
2522.00	1.10	93.10	2521.85	9.33	17.85	10.35	.14
2711.00	.90	93.20	2710.82	9.15	21.15	10.36	.11
2900.00	1.10	90.10	2899.79	9.06	24.44	10.46	.11
begin MWD run 2							
3093.00	.90	88.03	3092.76	9.11	27.81	10.70	.11
3117.00	.70	89.43	3116.76	9.12	28.15	10.73	.84
3149.00	.90	53.33	3148.76	9.27	28.54	10.91	1.66
3181.00	2.80	18.03	3180.74	10.16	28.99	11.82	6.66
3212.00	5.60	12.53	3211.65	12.36	29.55	14.05	9.11
3244.00	8.30	8.73	3243.42	16.17	30.24	17.89	8.55
3276.00	10.90	7.33	3274.97	21.45	30.98	23.21	8.16
3307.00	13.90	8.73	3305.24	28.04	31.92	29.84	9.73
3339.00	16.40	10.13	3336.12	36.29	33.29	38.16	7.90
3370.00	18.70	10.43	3365.68	45.48	34.96	47.43	7.43
3402.00	20.90	10.13	3395.79	56.15	36.90	58.19	6.88
3433.00	23.60	9.53	3424.47	67.71	38.90	69.85	8.74
3463.00	26.40	9.23	3451.66	80.22	40.96	82.46	9.34
3494.00	29.60	9.03	3479.03	94.59	43.27	96.94	10.33
3526.00	32.90	9.03	3506.38	110.98	45.87	113.45	10.31
3557.00	36.40	9.23	3531.88	128.38	48.67	130.99	11.30
3589.00	39.40	9.53	3557.13	147.77	51.88	150.53	9.39
3621.00	41.90	9.93	3581.40	168.32	55.40	171.24	7.85
3652.00	43.30	9.93	3604.22	188.99	59.02	192.09	4.52
3684.00	44.50	8.13	3627.28	210.90	62.50	214.16	5.41
3715.00	46.50	7.43	3649.01	232.80	65.49	236.21	6.65
3747.00	48.70	7.13	3670.59	256.24	68.48	259.78	6.91
3779.00	50.50	7.13	3691.32	280.42	71.51	284.09	5.62
3810.00	51.20	7.13	3710.90	304.28	74.49	308.08	2.26
3842.00	53.00	6.63	3730.55	329.35	77.51	333.28	5.76
3873.00	54.90	6.23	3748.79	354.25	80.32	358.31	6.22
3905.00	57.20	6.23	3766.66	380.64	83.20	384.82	7.19
begin tangent at 3,909 MD							
3936.00	57.90	6.23	3783.30	406.64	86.04	410.94	2.26

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
3968.00	58.40	6.43	3800.18	433.66	89.04	438.09	1.65
3999.00	58.90	6.43	3816.31	459.97	92.00	464.52	1.61
4031.00	59.30	6.63	3832.75	487.25	95.12	491.94	1.36
4063.00	59.50	6.63	3849.03	514.60	98.30	519.43	.62
4095.00	59.80	6.73	3865.20	542.03	101.52	547.00	.98
4127.00	61.60	6.93	3880.86	569.74	104.83	574.85	5.65
end tangent at 4,108MD							
4158.00	63.30	6.93	3895.20	597.02	108.15	602.28	5.48
4190.00	65.50	6.93	3909.03	625.67	111.63	631.08	6.87
4222.00	67.70	6.93	3921.74	654.82	115.18	660.39	6.87
4254.00	70.00	7.13	3933.28	684.44	118.83	690.17	7.21
4285.00	72.10	7.33	3943.35	713.52	122.52	719.42	6.80
4317.00	74.60	7.13	3952.51	743.93	126.38	750.00	7.84
4348.00	76.50	6.93	3960.25	773.73	130.05	779.96	6.16
4380.00	78.70	6.73	3967.12	804.76	133.77	811.15	6.90
4411.00	81.30	6.63	3972.50	835.08	137.32	841.63	8.39
4443.00	83.60	6.23	3976.71	866.60	140.87	873.30	7.29
4474.00	84.60	6.43	3979.89	897.24	144.27	904.09	3.29
4506.00	86.90	6.73	3982.27	928.94	147.93	935.95	7.25
4544.00	89.00	6.63	3983.63	966.66	152.34	973.86	5.53
4607.00	90.10	6.60	3984.12	1029.24	159.60	1036.75	1.75
4638.00	90.60	6.40	3983.93	1060.04	163.11	1067.70	1.74
4669.00	90.60	6.60	3983.61	1090.84	166.62	1098.65	.65
4700.00	91.00	6.80	3983.17	1121.62	170.23	1129.60	1.44
4731.00	91.30	6.90	3982.55	1152.39	173.93	1160.53	1.02
4762.00	92.20	7.30	3981.60	1183.14	177.76	1191.45	3.18
4793.00	91.50	6.60	3980.60	1213.90	181.51	1222.37	3.19
4824.00	92.00	6.80	3979.66	1244.67	185.12	1253.30	1.74
4855.00	92.40	6.90	3978.47	1275.43	188.82	1284.22	1.33
4886.00	91.30	6.20	3977.47	1306.21	192.35	1315.16	4.21
4918.00	91.70	6.10	3976.63	1338.01	195.78	1347.11	1.29
4949.00	91.70	5.50	3975.71	1368.84	198.91	1378.06	1.93

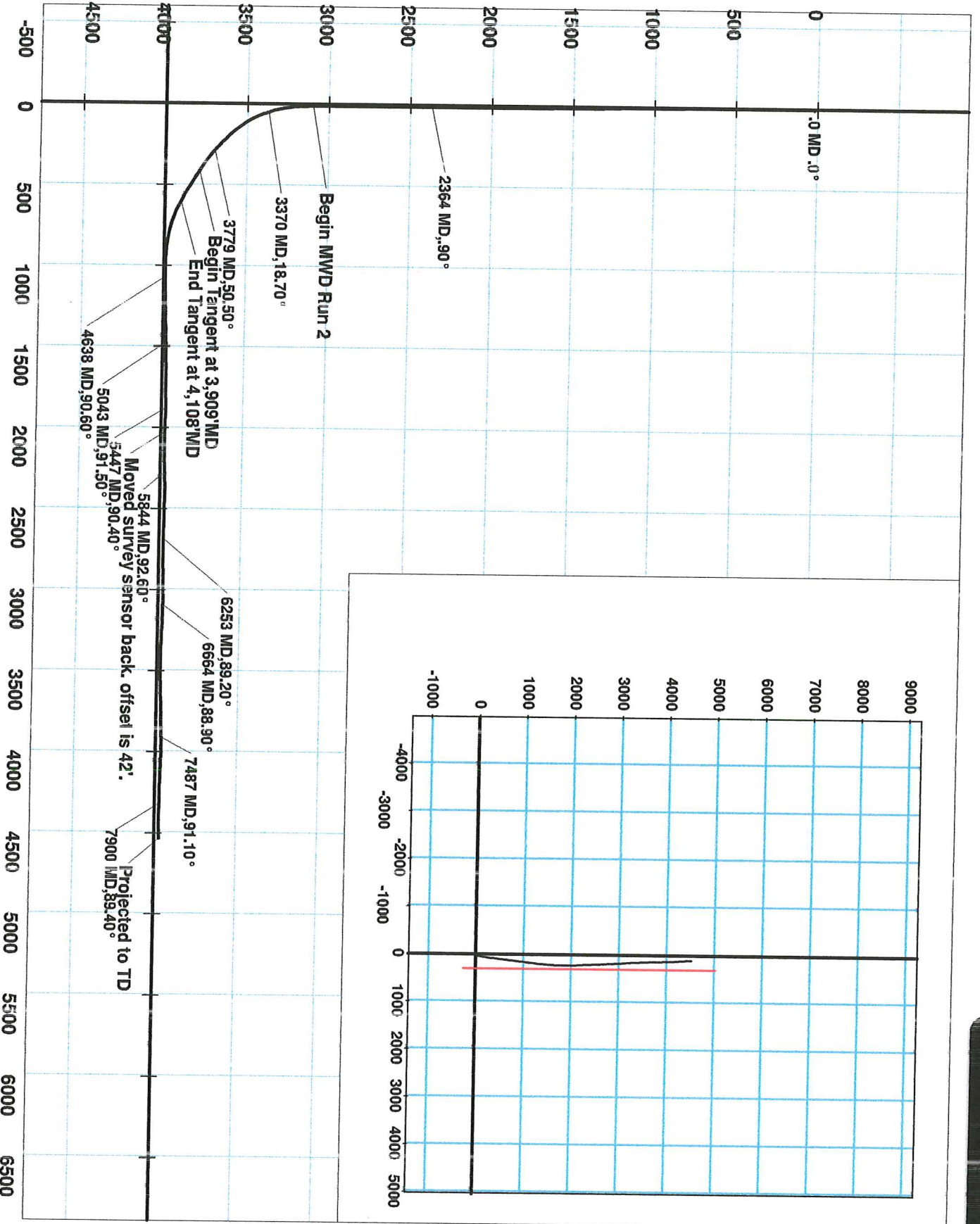
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100
4981.00	91.80	5.70	3974.73	1400.67	202.03	1410.02	.70
5012.00	91.80	4.30	3973.76	1431.54	204.73	1440.99	4.51
5043.00	91.50	3.60	3972.86	1462.45	206.87	1471.98	2.46
5074.00	91.70	4.00	3972.00	1493.37	208.92	1502.97	1.44
5105.00	91.30	4.00	3971.19	1524.29	211.08	1533.95	1.29
5136.00	90.80	2.40	3970.62	1555.23	212.81	1564.95	5.41
5167.00	91.10	2.50	3970.11	1586.20	214.14	1595.94	1.02
5198.00	91.30	2.00	3969.46	1617.17	215.36	1626.93	1.74
5229.00	90.80	1.50	3968.89	1648.15	216.30	1657.91	2.28
5260.00	90.40	1.50	3968.56	1679.14	217.11	1688.89	1.29
5291.00	90.40	1.80	3968.35	1710.12	218.01	1719.88	.97
5322.00	90.30	1.80	3968.16	1741.11	218.98	1750.87	.32
5354.00	90.10	1.50	3968.05	1773.09	219.90	1782.85	1.13
5385.00	90.40	1.00	3967.91	1804.08	220.58	1813.83	1.88
5416.00	89.90	1.30	3967.83	1835.08	221.20	1844.81	1.88
5447.00	90.40	.60	3967.75	1866.07	221.71	1875.78	2.77
5478.00	89.90	359.60	3967.67	1897.07	221.77	1906.73	3.61
5509.00	89.60	359.20	3967.80	1928.07	221.44	1937.66	1.61
5540.00	89.60	359.20	3968.02	1959.07	221.01	1968.58	.00
5572.00	89.40	358.30	3968.30	1991.06	220.31	2000.48	2.88
Moved survey sensor back. offset is 42'.							
5596.00	89.00	358.50	3968.63	2015.05	219.64	2024.38	1.86
5627.00	89.20	358.70	3969.12	2046.03	218.88	2055.28	.91
5658.00	89.00	357.30	3969.61	2077.01	217.80	2086.14	4.56
5689.00	89.40	357.80	3970.04	2107.98	216.48	2116.98	2.07
5720.00	91.30	356.60	3969.85	2138.94	214.96	2147.80	7.25
5752.00	92.40	358.20	3968.82	2170.89	213.51	2179.61	6.07
5782.00	92.90	356.70	3967.43	2200.82	212.18	2209.42	5.27
5813.00	92.40	356.60	3966.00	2231.74	210.37	2240.18	1.64
5844.00	92.60	356.90	3964.65	2262.66	208.61	2270.94	1.16
5875.00	90.80	357.30	3963.73	2293.60	207.05	2301.75	5.95
5906.00	91.00	357.80	3963.24	2324.57	205.72	2332.58	1.74

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
5938.00	91.50	358.20	3962.54	2356.54	204.61	2364.44	2.00
5969.00	90.80	358.20	3961.92	2387.52	203.63	2395.31	2.26
6000.00	88.70	358.70	3962.05	2418.51	202.79	2426.19	6.96
6031.00	88.70	358.30	3962.76	2449.49	201.98	2457.08	1.29
6062.00	88.90	357.10	3963.41	2480.46	200.74	2487.92	3.92
6094.00	89.40	356.70	3963.88	2512.41	199.01	2519.72	2.00
6126.00	89.60	356.60	3964.16	2544.35	197.14	2551.50	.70
6158.00	89.40	356.60	3964.44	2576.29	195.24	2583.28	.62
6190.00	89.20	356.40	3964.83	2608.23	193.29	2615.05	.88
6221.00	89.00	356.90	3965.32	2639.18	191.48	2645.84	1.74
6253.00	89.20	356.90	3965.82	2671.12	189.75	2677.63	.62
6284.00	89.60	357.80	3966.14	2702.09	188.31	2708.46	3.18
6316.00	89.90	356.40	3966.28	2734.05	186.69	2740.27	4.47
6347.00	90.40	357.60	3966.20	2765.00	185.07	2771.08	4.19
6379.00	90.40	357.80	3965.98	2796.98	183.79	2802.93	.62
6411.00	91.00	356.20	3965.59	2828.93	182.11	2834.73	5.34
6442.00	91.10	357.10	3965.02	2859.87	180.30	2865.51	2.92
6474.00	91.00	357.60	3964.43	2891.83	178.82	2897.33	1.59
6506.00	90.80	356.60	3963.93	2923.79	177.20	2929.14	3.19
6537.00	91.10	356.70	3963.42	2954.73	175.39	2959.93	1.02
6569.00	91.30	357.10	3962.75	2986.68	173.66	2991.72	1.40
6601.00	91.50	357.60	3961.97	3018.63	172.18	3023.54	1.68
6632.00	90.40	356.20	3961.45	3049.58	170.51	3054.34	5.74
6664.00	88.90	356.00	3961.65	3081.51	168.33	3086.08	4.73
6696.00	88.50	356.60	3962.37	3113.43	166.27	3117.83	2.25
6728.00	88.50	355.90	3963.21	3145.35	164.17	3149.58	2.19
6759.00	88.70	356.60	3963.97	3176.27	162.15	3180.33	2.35
6791.00	88.50	355.70	3964.75	3208.19	160.00	3212.07	2.88
6822.00	88.20	355.20	3965.64	3239.08	157.54	3242.77	1.88
6854.00	88.30	354.80	3966.62	3270.95	154.75	3274.42	1.29
6886.00	88.30	356.40	3967.57	3302.84	152.30	3306.11	5.00
6917.00	88.50	356.00	3968.43	3333.76	150.25	3336.86	1.44
6949.00	88.50	356.20	3969.27	3365.67	148.07	3368.60	.62
6981.00	89.40	357.60	3969.86	3397.62	146.34	3400.39	5.20

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
7012.00	89.40	357.30	3970.18	3428.58	144.96	3431.23	.97
7044.00	89.70	356.70	3970.43	3460.54	143.29	3463.03	2.10
7075.00	90.80	358.20	3970.30	3491.51	141.91	3493.87	6.00
7107.00	91.30	359.40	3969.71	3523.49	141.24	3525.76	4.06
7139.00	91.80	358.30	3968.85	3555.48	140.59	3557.65	3.77
7170.00	92.00	358.50	3967.82	3586.45	139.73	3588.52	.91
7202.00	92.20	359.40	3966.65	3618.42	139.14	3620.40	2.88
7234.00	92.40	358.50	3965.36	3650.39	138.56	3652.29	2.88
7265.00	92.60	357.80	3964.01	3681.34	137.56	3683.13	2.35
7297.00	92.00	358.70	3962.73	3713.30	136.58	3714.98	3.38
7328.00	92.00	357.80	3961.64	3744.27	135.63	3745.84	2.90
7360.00	92.00	358.70	3960.53	3776.23	134.66	3777.69	2.81
7392.00	91.30	359.00	3959.61	3808.21	134.02	3809.58	2.38
7423.00	91.50	357.40	3958.85	3839.19	133.04	3840.45	5.20
7455.00	90.80	358.90	3958.21	3871.16	132.01	3872.31	5.17
7487.00	91.10	359.20	3957.68	3903.15	131.48	3904.22	1.33
7518.00	90.40	358.70	3957.27	3934.15	130.91	3935.12	2.77
7550.00	89.90	356.90	3957.19	3966.12	129.68	3966.97	5.84
7582.00	89.40	358.50	3957.38	3998.09	128.40	3998.82	5.24
7614.00	89.00	356.70	3957.83	4030.06	127.06	4030.65	5.76
7646.00	89.20	358.00	3958.33	4062.02	125.58	4062.48	4.11
7677.00	89.00	358.00	3958.82	4093.00	124.50	4093.34	.65
7709.00	88.30	357.60	3959.57	4124.97	123.27	4125.18	2.52
7741.00	88.30	356.40	3960.52	4156.91	121.60	4156.97	3.75
7773.00	88.50	357.60	3961.42	4188.85	119.92	4188.77	3.80
7804.00	88.70	356.40	3962.17	4219.80	118.30	4219.57	3.92
7836.00	89.20	355.90	3962.76	4251.72	116.15	4251.31	2.21
7868.00	89.20	356.70	3963.21	4283.65	114.09	4283.07	2.50
7900.00	89.40	357.60	3963.60	4315.61	112.50	4314.88	2.88
7931.00	89.70	356.60	3963.84	4346.57	110.93	4345.70	3.37
7963.00	89.90	356.70	3963.95	4378.51	109.06	4377.48	.70
7995.00	90.10	356.90	3963.95	4410.46	107.27	4409.27	.88
8026.00	90.80	356.20	3963.71	4441.40	105.41	4440.05	3.19
8058.00	91.10	356.20	3963.18	4473.33	103.29	4471.80	.94

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
8115.00	91.10	356.20	3962.08	4530.19	99.51	4528.35	.00
Projected to TD							

Company: Unit Petroleum
 Lease/Well: Overall #1
 Location: Reno County
 State/Country: Kansas

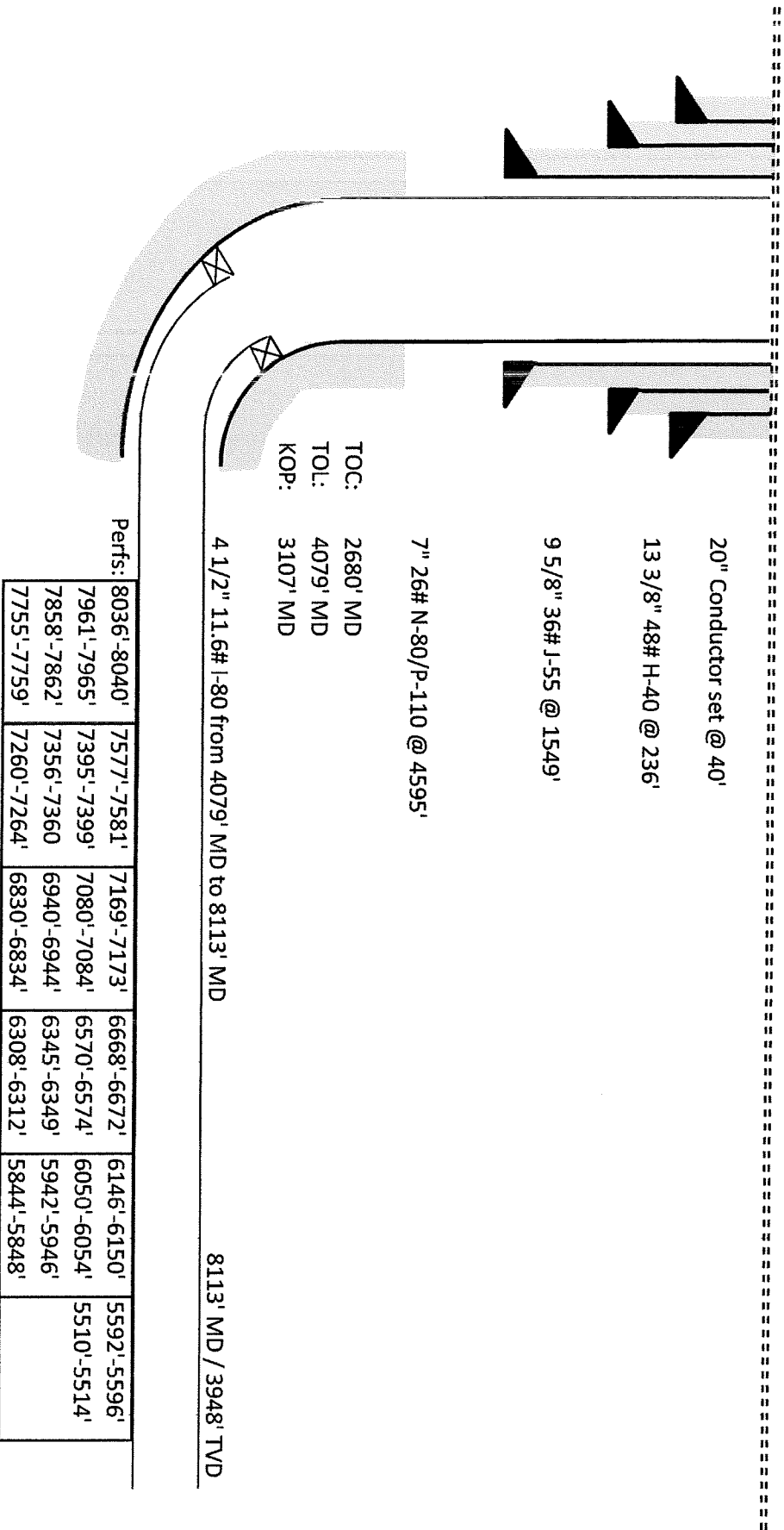




Unit Petroleum Company

Well: Overall 1-21H
 Surface Location: Section 21-25S-10W 250' FSL & 650' FEL
 County, State: Reno County, KS
 Objective Zone: Mississippi Lime

Date of Last Revision: 6/18/2012



TOC: 2680' MD
 TOL: 4079' MD
 KOP: 3107' MD

7" 26# N-80/P-110 @ 4595'

9 5/8" 36# J-55 @ 1549'

13 3/8" 48# H-40 @ 236'

20" Conductor set @ 40'

4 1/2" 11.6# I-80 from 4079' MD to 8113' MD

8113' MD / 3948' TVD

Perfs:	8036'-8040'	7577'-7581'	7169'-7173'	6668'-6672'	6146'-6150'	5592'-5596'
	7961'-7965'	7395'-7399'	7080'-7084'	6570'-6574'	6050'-6054'	5510'-5514'
	7858'-7862'	7356'-7360'	6940'-6944'	6345'-6349'	5942'-5946'	
	7755'-7759'	7260'-7264'	6830'-6834'	6308'-6312'	5844'-5848'	

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



Phone: 316-337-6200
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Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 03, 2012

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

Re: ACO1
API 15-155-21585-01-00
Overall 1-21H
SE/4 Sec.21-25S-10W
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