



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1120399
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: _____



1120399

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No 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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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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: Debes 29-1H
Legal Description: Sec 29-25S-10W, Reno Cnty, KS

Cement Casing Data	
Cementing Date	11-6-12
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	144
Was cement circulated?	Yes
Job witnessed by: <i>B.J. Hope</i>	



Jeff M. Owen
Mid-Continent Conductor, LLC

Customer UNIT Petroleum Lease No. _____ Date 11-15-12
 Lease DEBELS Well # 29
 Field Order # 6615 Station Pratt Casing 9 5/8 Depth _____ County Rego State KS
 Type Job 9 5/8 Intermediate ann Formation _____ Legal Description 29-243-10A

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	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	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative				Station Manager				Treater			
Service Units	<u>77463</u>	<u>70959</u>	<u>19919</u>	<u>19954</u>	<u>19862</u>						
Driver Names	<u>MINE</u>	<u>SCOTT</u>		<u>JESSIE</u>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>7:15</u>					<u>on loc - safety meeting</u>
					<u>Guideshoe on 1 1/2" JT. and lower</u>
					<u>Basket at 200' from surface</u>
					<u>Centralizer on JTS. 136-910</u>
<u>10:15</u>					<u>casing on BOTTOM</u>
<u>11:20</u>					<u>Breaks Circ. with Big</u>
<u>11:15</u>	<u>300</u>		<u>122</u>	<u>7</u>	<u>Mix 325 SK A-con 3% 1/4 H cell FL</u>
	<u>200</u>		<u>59</u>	<u>7</u>	<u>Mix 250 SK common 2% 1/4 H cell FL</u>
					<u>Shut Down / Release Plug</u>
					<u>START H2O Displacement</u>
	<u>400</u>		<u>86</u>	<u>5</u>	<u>Common to Surface</u>
<u>12:30</u>	<u>400-400</u>		<u>115</u>	<u>5</u>	<u>Plug Down Displacement</u>
	<u>500</u>		<u>1</u>	<u>1</u>	<u>Put up to 500</u>
					<u>Run 37 JTS 1 5/8 200' long</u>
					<u>Circ. This Job</u>
					<u>Run 29 BBL Common to Surface</u>
					<u>JOB COMPLETE</u>
					<u>Thank you</u>
					<u>APRIL</u>

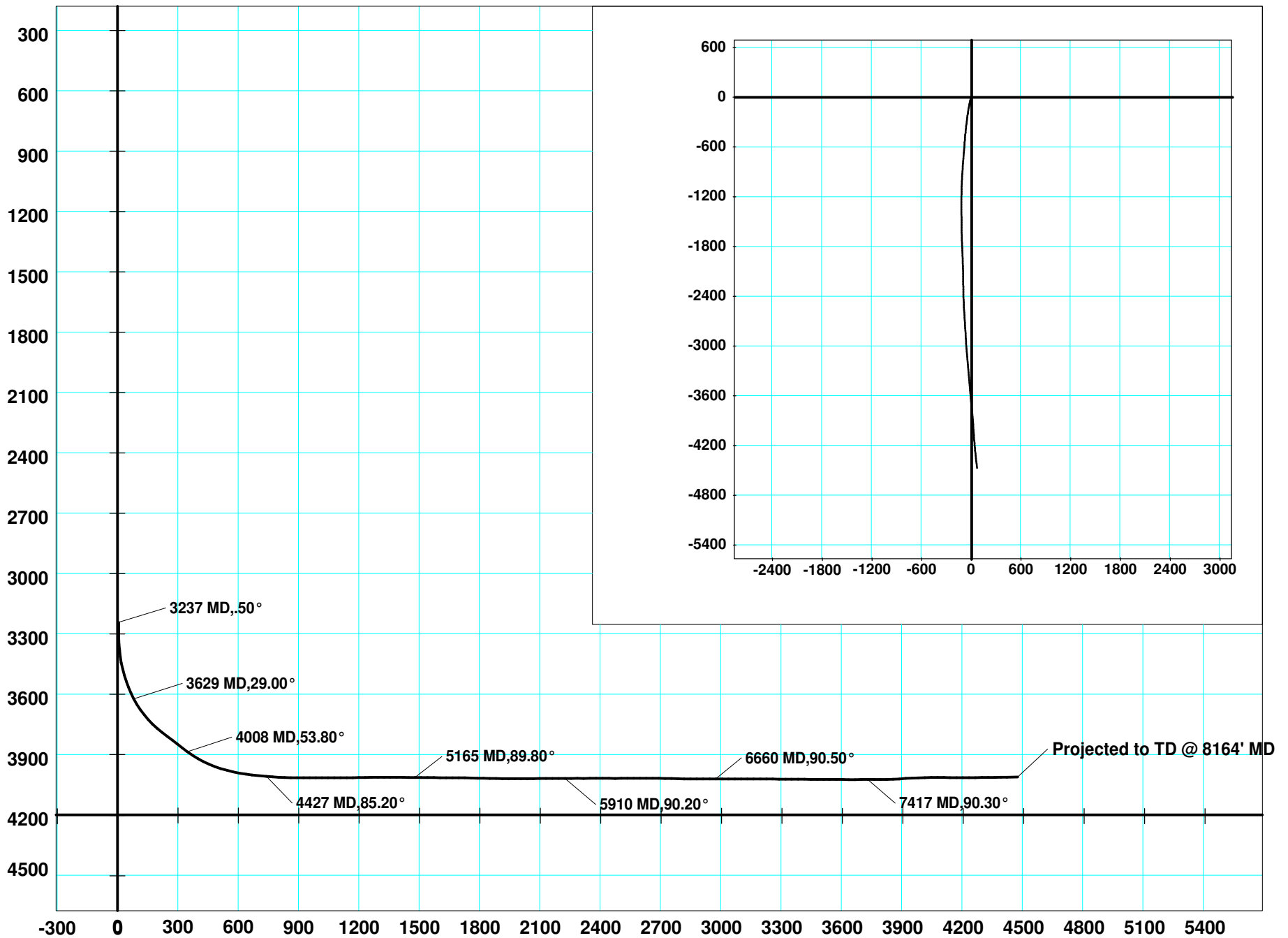
Customer Unit Petroleum Company	Lease No.	Date 11-29-12			
Lease Debes 29	Well # 1H				
Field Order # 7436	Station Pratt, Kansas	Casing 7-26Lb	Depth 4405 Feet	County Reno	State Kansas
Type Job C.N.W. - Longstring	Formation	Legal Description 27-255-10W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7-26Lb	Tubing Size 4-1/2"	Shots/Ft 160	From 28'	To 4405'	Acid 160 sacks AA2 Cement with 5 gal EA 32% Friction Reducer	RATE 5 gpm	PRESS 5 lb/st	ISIP 5 Min.
Depth 4405'	Depth 4405'	From 28'	To 4405'	To 4405'	Pre Pad 108 Salt, 25 lb/st	Max 5 lb/st	5 lb/st	5 Min.
Volume 168.7 Bbl.	Volume 168.7 Bbl.	From 28'	To 4405'	To 4405'	Pad 15 lb/gal, 60 gal/st	Min 1.43 CU.F.	1.43 CU.F.	10 Min.
Max Press 1500 ps	Max Press 1500 ps	From 28'	To 4405'	To 4405'	Frac 15 lb/gal, 60 gal/st	Avg 1.43 CU.F.	1.43 CU.F.	15 Min.
Well Connection Plug Container	Annulus Vol. Plug Container	From 28'	To 4405'	To 4405'	Flush 169 Bbl. Fresh Water	HHP Used		Annulus Pressure
Plug Depth 4405'	Packer Depth 4405'	From 28'	To 4405'	To 4405'	Flush 169 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative Brent Keys	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37216 19903 19905 70959 19918		
Driver Names Messick Mattal Phye		

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					Trucks on location and hold safety meeting Casing being run upon arrival.
5:30					Casing in well. Circulate for 1 Hour
6:25		3000			Shut in well. Pressure Test Open Well.
6:27	300			6	Start Fresh Water Pre-Flush
			20	6	Start Mud Flush
			32	6	Start Fresh water spacer
6:37	300		52	5	Start Mixing 160 sacks AA2 cement
	-0-		93		Stoppumping Shut in well Release Top Rubber Plug Open Well
6:51	100			6.5	Start Fresh Water Displacement and Washup pump truck on top of plug.
			136	5	Start to lift cement
	600		169		Plug down
7:16	1,500				Pressure up Release pressure Float Shoe held
7:45					Job Complete Thank You Clarence Mite Dale

Company: Unit Petroleum
Lease/Well: Debes # 1-29H
Location: Reno County
State/Country: Kansas





Job Number: 12223
 Company: Unit Petroleum
 Lease/Well: Debes # 1-29H
 Location: Reno County
 Rig Name: Unit # 331
 RKB: 14
 G.L. or M.S.L.: 1784

State/Country: Kansas
 Declination: 4.80
 Grid: -0.02
 File name: P:\SURVEYS\UNIT\12223R3.SVY
 Date/Time: 10-Dec-12 / 07:53
 Curve Name: As Drilled

Inwell Inc

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 180.00
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

<i>Measured Depth FT</i>	<i>Incl Angle Deg</i>	<i>Drift Direction Deg</i>	<i>True Vertical Depth</i>	<i>N-S FT</i>	<i>E-W FT</i>	<i>Vertical Section FT</i>	<i>Dogleg Severity Deg/100</i>
3237.00	.50	162.30	3236.91	-4.55	-9.84	4.55	.00
3282.00	.50	144.00	3281.91	-4.90	-9.66	4.90	.35
3313.00	1.20	168.50	3312.90	-5.32	-9.52	5.32	2.49
3344.00	3.00	184.20	3343.88	-6.45	-9.52	6.45	6.04
3376.00	5.70	191.10	3375.79	-8.85	-9.88	8.85	8.58
3407.00	8.40	193.90	3406.55	-12.55	-10.72	12.55	8.78
3438.00	11.40	193.00	3437.09	-17.74	-11.96	17.74	9.69
3470.00	13.90	193.50	3468.31	-24.56	-13.57	24.56	7.82
3502.00	16.40	193.40	3499.19	-32.69	-15.51	32.69	7.81
3534.00	19.20	193.50	3529.66	-42.21	-17.79	42.21	8.75
3566.00	22.40	193.00	3559.57	-53.27	-20.39	53.27	10.02
3598.00	25.50	192.90	3588.81	-65.92	-23.30	65.92	9.69
3629.00	29.00	192.20	3616.36	-79.78	-26.38	79.78	11.34

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
3661.00	32.10	191.70	3643.92	-95.69	-29.74	95.69	9.72
3693.00	35.50	190.80	3670.51	-113.15	-33.21	113.15	10.74
3724.00	38.90	190.10	3695.20	-131.58	-36.60	131.58	11.05
3756.00	42.40	189.80	3719.47	-152.11	-40.20	152.11	10.95
3787.00	45.90	189.10	3741.71	-173.40	-43.74	173.40	11.40
3818.00	49.50	188.20	3762.57	-196.07	-47.18	196.07	11.81
3850.00	52.00	188.10	3782.82	-220.60	-50.70	220.60	7.82
3881.00	52.50	187.90	3801.79	-244.87	-54.11	244.87	1.69
3913.00	52.80	187.40	3821.21	-270.08	-57.49	270.08	1.56
3944.00	52.90	186.30	3839.93	-294.61	-60.44	294.61	2.85
3976.00	53.10	186.10	3859.19	-320.02	-63.20	320.02	.80
4008.00	53.80	185.70	3878.24	-345.59	-65.84	345.59	2.41
4040.00	56.30	185.63	3896.57	-371.69	-68.43	371.69	7.81
4071.00	59.80	186.00	3912.98	-397.85	-71.10	397.85	11.34
4102.00	63.40	186.00	3927.72	-424.97	-73.95	424.97	11.61
4134.00	66.70	185.60	3941.21	-453.83	-76.88	453.83	10.37
4166.00	70.00	185.20	3953.02	-483.43	-79.67	483.43	10.38
4197.00	73.20	184.90	3962.80	-512.73	-82.26	512.73	10.36
4229.00	75.30	184.90	3971.49	-543.42	-84.89	543.42	6.56
4260.00	77.70	184.50	3978.72	-573.46	-87.36	573.46	7.84
4292.00	80.40	184.50	3984.80	-604.77	-89.83	604.77	8.44
4324.00	81.80	184.50	3989.75	-636.29	-92.31	636.29	4.37
4356.00	83.20	184.50	3993.93	-667.92	-94.80	667.92	4.37
4427.00	85.20	184.70	4001.10	-738.32	-100.46	738.32	2.83
4457.00	86.10	184.30	4003.38	-768.14	-102.81	768.14	3.28
4488.00	86.90	184.20	4005.27	-799.00	-105.10	799.00	2.60
4518.00	88.00	184.10	4006.61	-828.89	-107.27	828.89	3.68
4549.00	88.90	183.60	4007.45	-859.81	-109.35	859.81	3.32
4580.00	89.70	183.90	4007.82	-890.74	-111.38	890.74	2.76
4612.00	90.10	183.90	4007.88	-922.67	-113.55	922.67	1.25
4642.00	90.10	183.30	4007.83	-952.61	-115.44	952.61	2.00
4673.00	90.50	182.80	4007.67	-983.56	-117.09	983.56	2.07
4703.00	89.70	182.00	4007.61	-1013.54	-118.34	1013.54	3.77
4733.00	89.90	181.80	4007.72	-1043.52	-119.34	1043.52	.94

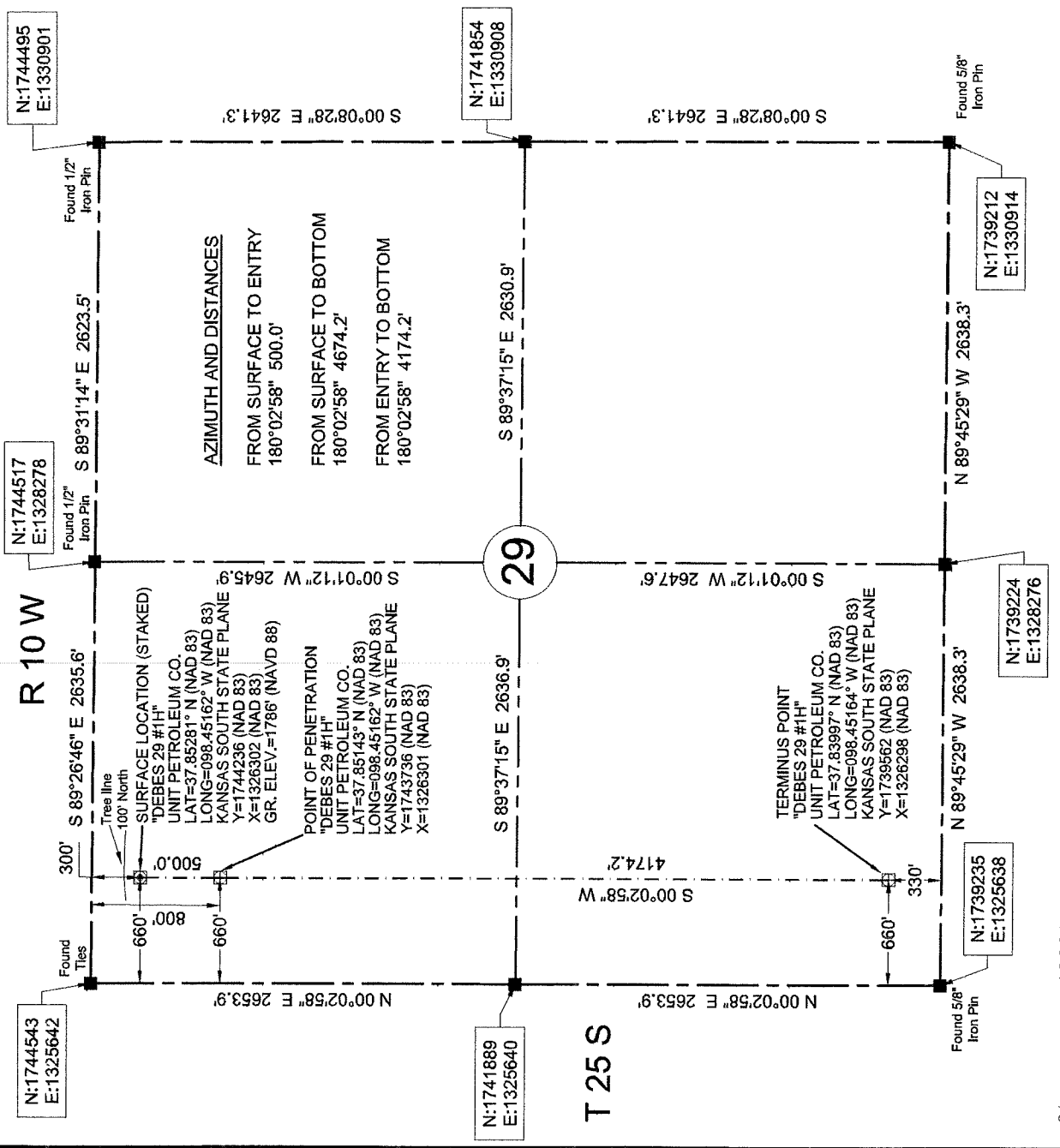
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	Dogleg Severity Deg/100
4764.00	90.60	181.90	4007.58	-1074.50	-120.34	1074.50	2.28
4795.00	90.40	181.60	4007.31	-1105.49	-121.29	1105.49	1.16
4826.00	90.40	181.30	4007.10	-1136.48	-122.07	1136.48	.97
4857.00	90.30	180.70	4006.91	-1167.47	-122.61	1167.47	1.96
4887.00	90.80	180.60	4006.62	-1197.47	-122.95	1197.47	1.70
4918.00	91.20	180.60	4006.08	-1228.46	-123.28	1228.46	1.29
4950.00	90.50	180.30	4005.60	-1260.46	-123.53	1260.46	2.38
4981.00	90.70	179.90	4005.28	-1291.45	-123.58	1291.45	1.44
5012.00	90.20	179.80	4005.03	-1322.45	-123.50	1322.45	1.64
5042.00	89.90	179.80	4005.01	-1352.45	-123.40	1352.45	1.00
5073.00	89.00	179.50	4005.31	-1383.45	-123.21	1383.45	3.06
5103.00	89.60	179.40	4005.67	-1413.45	-122.92	1413.45	2.03
5134.00	89.50	179.10	4005.92	-1444.44	-122.51	1444.44	1.02
5165.00	89.80	179.10	4006.11	-1475.44	-122.03	1475.44	.97
5196.00	90.00	179.10	4006.16	-1506.44	-121.54	1506.44	.65
5228.00	89.20	179.00	4006.38	-1538.43	-121.01	1538.43	2.52
5259.00	89.20	179.00	4006.82	-1569.42	-120.47	1569.42	.00
5290.00	89.40	179.10	4007.19	-1600.42	-119.95	1600.42	.72
5320.00	89.50	179.20	4007.48	-1630.41	-119.51	1630.41	.47
5351.00	89.70	179.10	4007.70	-1661.41	-119.05	1661.41	.72
5383.00	90.00	178.70	4007.78	-1693.40	-118.43	1693.40	1.56
5413.00	89.30	178.20	4007.97	-1723.39	-117.62	1723.39	2.87
5444.00	88.90	178.00	4008.45	-1754.37	-116.59	1754.37	1.44
5475.00	88.50	177.30	4009.16	-1785.33	-115.32	1785.33	2.60
5506.00	88.70	177.60	4009.91	-1816.29	-113.95	1816.29	1.16
5537.00	88.90	177.60	4010.56	-1847.26	-112.65	1847.26	.65
5568.00	89.00	177.50	4011.13	-1878.23	-111.32	1878.23	.46
5599.00	89.20	177.40	4011.62	-1909.19	-109.94	1909.19	.72
5630.00	89.70	178.00	4011.92	-1940.16	-108.70	1940.16	2.52
5661.00	89.60	177.50	4012.10	-1971.14	-107.48	1971.14	1.64
5692.00	90.40	178.00	4012.10	-2002.12	-106.27	2002.12	3.04
5723.00	90.30	178.20	4011.92	-2033.10	-105.24	2033.10	.72
5754.00	90.70	177.80	4011.64	-2064.08	-104.16	2064.08	1.82
5785.00	90.30	178.30	4011.37	-2095.06	-103.10	2095.06	2.07

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
5816.00	89.60	178.40	4011.40	-2126.05	-102.21	2126.05	2.28
5848.00	90.50	179.80	4011.37	-2158.04	-101.71	2158.04	5.20
5879.00	90.80	180.30	4011.02	-2189.04	-101.73	2189.04	1.88
5910.00	90.20	179.90	4010.75	-2220.04	-101.79	2220.04	2.33
5941.00	90.50	179.80	4010.56	-2251.04	-101.71	2251.04	1.02
5972.00	89.80	178.90	4010.48	-2282.03	-101.35	2282.03	3.68
6003.00	90.00	179.00	4010.53	-2313.03	-100.79	2313.03	.72
6034.00	90.60	178.70	4010.37	-2344.02	-100.16	2344.02	2.16
6065.00	89.90	178.20	4010.24	-2375.01	-99.33	2375.01	2.77
6097.00	90.30	177.80	4010.18	-2406.99	-98.21	2406.99	1.77
6128.00	89.30	177.30	4010.29	-2437.96	-96.88	2437.96	3.61
6159.00	89.70	177.00	4010.56	-2468.92	-95.34	2468.92	1.61
6190.00	90.60	177.60	4010.48	-2499.89	-93.88	2499.89	3.49
6221.00	90.90	177.30	4010.07	-2530.85	-92.50	2530.85	1.37
6252.00	90.20	176.70	4009.78	-2561.81	-90.88	2561.81	2.97
6283.00	89.90	176.70	4009.75	-2592.76	-89.10	2592.76	.97
6314.00	90.10	176.60	4009.75	-2623.70	-87.28	2623.70	.72
6346.00	89.30	176.60	4009.92	-2655.65	-85.39	2655.65	2.50
6376.00	89.40	176.20	4010.26	-2685.59	-83.50	2685.59	1.37
6408.00	88.90	176.70	4010.73	-2717.52	-81.52	2717.52	2.21
6439.00	88.90	176.60	4011.33	-2748.46	-79.71	2748.46	.32
6471.00	88.80	176.90	4011.97	-2780.40	-77.90	2780.40	.99
6502.00	89.00	176.70	4012.56	-2811.35	-76.17	2811.35	.91
6534.00	89.40	176.30	4013.01	-2843.29	-74.21	2843.29	1.77
6566.00	90.00	176.50	4013.18	-2875.22	-72.20	2875.22	1.98
6597.00	90.80	176.20	4012.96	-2906.16	-70.23	2906.16	2.76
6629.00	90.00	176.00	4012.74	-2938.08	-68.05	2938.08	2.58
6660.00	90.50	175.80	4012.60	-2969.00	-65.84	2969.00	1.74
6691.00	89.80	176.00	4012.52	-2999.93	-63.62	2999.93	2.35
6723.00	90.00	175.60	4012.58	-3031.84	-61.28	3031.84	1.40
6755.00	89.30	175.80	4012.77	-3063.75	-58.88	3063.75	2.28
6786.00	89.10	175.10	4013.21	-3094.65	-56.42	3094.65	2.35
6818.00	89.50	174.90	4013.60	-3126.52	-53.63	3126.52	1.40
6849.00	90.20	175.20	4013.68	-3157.41	-50.96	3157.41	2.46

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
6881.00	90.60	175.10	4013.45	-3189.29	-48.25	3189.29	1.29
6912.00	89.50	174.90	4013.43	-3220.17	-45.55	3220.17	3.61
6944.00	89.70	175.10	4013.65	-3252.05	-42.76	3252.05	.88
6975.00	89.70	174.80	4013.81	-3282.93	-40.03	3282.93	.97
7007.00	89.80	174.70	4013.95	-3314.80	-37.10	3314.80	.44
7038.00	90.10	174.70	4013.98	-3345.66	-34.24	3345.66	.97
7070.00	89.20	175.30	4014.18	-3377.54	-31.45	3377.54	3.38
7101.00	89.20	175.40	4014.61	-3408.43	-28.94	3408.43	.32
7133.00	89.50	175.20	4014.97	-3440.33	-26.32	3440.33	1.13
7165.00	89.90	174.80	4015.14	-3472.20	-23.53	3472.20	1.77
7197.00	90.00	174.50	4015.17	-3504.06	-20.54	3504.06	.99
7228.00	89.70	174.90	4015.25	-3534.93	-17.68	3534.93	1.61
7260.00	89.30	175.30	4015.53	-3566.81	-14.95	3566.81	1.77
7292.00	89.30	175.20	4015.92	-3598.70	-12.30	3598.70	.31
7323.00	89.60	175.40	4016.22	-3629.59	-9.76	3629.59	1.16
7354.00	90.40	174.90	4016.22	-3660.48	-7.14	3660.48	3.04
7386.00	91.10	174.80	4015.80	-3692.35	-4.26	3692.35	2.21
7417.00	90.30	174.40	4015.42	-3723.21	-1.35	3723.21	2.89
7449.00	89.90	174.70	4015.36	-3755.07	1.69	3755.07	1.56
7480.00	90.50	174.50	4015.25	-3785.93	4.61	3785.93	2.04
7511.00	91.20	174.10	4014.79	-3816.77	7.69	3816.77	2.60
7543.00	92.00	174.70	4013.90	-3848.61	10.81	3848.61	3.12
7574.00	93.50	175.60	4012.41	-3879.46	13.43	3879.46	5.64
7606.00	93.30	176.10	4010.52	-3911.32	15.74	3911.32	1.68
7638.00	92.60	176.20	4008.87	-3943.20	17.89	3943.20	2.21
7669.00	92.10	176.00	4007.60	-3974.10	19.99	3974.10	1.74
7701.00	92.60	176.20	4006.29	-4006.00	22.17	4006.00	1.68
7733.00	91.00	176.10	4005.28	-4037.91	24.31	4037.91	5.01
7765.00	89.30	176.00	4005.20	-4069.84	26.52	4069.84	5.32
7796.00	89.30	175.50	4005.58	-4100.75	28.82	4100.75	1.61
7827.00	89.40	175.60	4005.93	-4131.65	31.22	4131.65	.46
7859.00	89.60	175.20	4006.21	-4163.55	33.79	4163.55	1.40
7890.00	90.00	175.10	4006.31	-4194.44	36.41	4194.44	1.33
7922.00	90.20	174.60	4006.26	-4226.31	39.28	4226.31	1.68

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
7953.00	90.40	174.40	4006.10	-4257.17	42.25	4257.17	.91
7985.00	90.50	173.80	4005.84	-4289.00	45.54	4289.00	1.90
8016.00	90.50	174.00	4005.57	-4319.82	48.83	4319.82	.65
8048.00	90.70	173.40	4005.24	-4351.62	52.35	4351.62	1.98
8080.00	91.10	173.60	4004.74	-4383.41	55.97	4383.41	1.40
8111.00	91.40	173.60	4004.06	-4414.21	59.42	4414.21	.97
Projected to TD @ 8164' MD							
8164.00	91.40	173.60	4002.77	-4466.87	65.33	4466.87	.00

Section 29, T 25 S, R 10 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.

Description: Surface Hole Location Stake
"Debes 29 #1H" situated 300 feet from the north section line and 660 feet from the west section line of Section 29, T 25 S, R 10 W., Reno County, Kansas.

Description: Penetration Point"Debes 29 #1H"
situated 800 feet from the north section line and 660 feet from the west section line of Section 29, T 25 S, R 10 W., Reno County, Kansas.

Description: Terminus Point"Debes 29 #1H" situated 330 feet from the south section line and 660 feet from the west section line of Section 29, T 25 S, R 10 W., Reno County, Kansas.

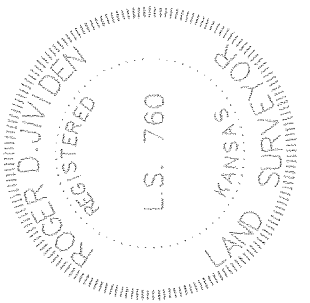
We do hereby certify that this survey was done in accordance to records, maps and other information as provided to us by the client herein named and that great care was taken in the actual staking of this well and the determination of any obstacles thereupon. However, the accuracy of this survey is not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

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

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

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

JOB	DATE OF PLAT	SCALE	SHEET
514-12	08-22-2012	1"=1000'	1 OF 5

DRAWN BY: D.W.K.
OKLA. CA #2084, 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



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 07, 2013

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

Re: ACO1
API 15-155-21602-01-00
Debes 29 #1H
NW/4 Sec.29-25S-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