DRILLERS LOG S. 9 T. 24 R. 18 E. API NO: 15 - 001 - 30669 - 00 - 00 W. OPERATOR: COLT ENERGY, INC LOCATION: NW SW SE SW **COUNTY: ALLEN ADDRESS:** P.O. BOX 388, IOLA, KS 66749 ELEV. GR.: 985 DF: KB: WELL#: KD - 6 LEASE NAME: KIRK LINE FOOTAGE LOCATION: 660 FEET FROM FEET FROM (N) (S) 165 (E) (W) LINE CONTRACTOR: FINNEY DRILLING COMPANY GEOLOGIST: REX ASHLOCK SPUD DATE: 5/23/2013 TOTAL DEPTH: 930 P.B.T.D. DATE COMPLETED: 5/27/2013 OIL PURCHASER: COFFEYVILLE RESOURCES **CASING RECORD** REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC. SIZE CASING SET (in PURPOSE OF STRING SIZE HOLE WEIGHT TYPE **SETTING DEPTH** SACKS **TYPE AND % ADDITIVES** O.D.) LBS/FT DRILLED CEMENT 21.50 SERVICE COMPANY SURFACE: 12.2500 8.6250 28 10 PRODUCTION: 6.7500 927 OWC 133 SERVICE COMPANY 4.5 11.5 **WELL LOG** 

FORMATION	TOP	воттом
TOP SOIL	0	2
RED CLAY	2	3
LIME	3	4
CLAY	4	7
LIME	7	9
SHALE	9	70
LIME	70	122
SHALE	122	145
LIME	145	153
SAND & SHALE	153	197
LIME	197	198
SHALE	198	199
LIME	199	263
SHALE	263	267
LIME	267	287
SHALE	287	293
LIME	293	315
SAND & SHALE	315	485
SAND & SHALE & LIME	485	511
LIME	511	516
SHALE	516	520
LIME	520	542
SHALE	542	544
SAND & SHALE	544	565
SHALE	565	577
LIME	577	579
SHALE	579	588
LIME	588	598
SHALE	598	603
LIME	603	607
SHALE	607	620
LIME	620	655
SHALE	655	665
LIME	665	666
SAND & SHALE	666	698
LIME	698	700
SAND & SHALE	700	722
LIME	722	724
SHALE	724	789
SAND	789	802
SHALE	802	814

CORES: #

RECOVERED: ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM
SAND	814	865
SHALE & COAL	865	882
SHALE	882	900
SAND & SHALE ODOR	900	924
SAND & SHALE ODOR SAND OIL GOOD ODOR	924	930T.D.
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## Finney Drilling Company 402685 W. 100 Road Wann, OK 74083

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Invoice Number: 782

Invoice Date:

Jul 1, 2013

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PHONE: 620-330-1420

KCC#: 5989

Federal ID#: 48-0925903

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Bill To:

COLT ENERGY, INC. P.O. BOX 388 IOLA, KS 66749

CUSTOMER ID#	LEASE AND WELL NUMBER	COUNTY	Due Date
COLT	Kirk Lease	ALLEN	7/31/13
Quantity	Description	Unit Price	Amount
KWW KB5	from 912' to 921', trip out. Move Rig.		
1 2 2 0 0 1	RIG TIME- 6/24/13 - Rig up on KD-6, trip pipe in to 903'.	D13016 200.00	1,600.00
Dostal	Drill plug and cement to 922'. Wash down to 930', clean	.50	
1 Comments	hole, trip out. Trip in core barrel,	Jon	
17.10	core from 930' to 939', trip out, lay core on tray. Log well.	· ·	
KMD	RIG TIME- 6/25/13 - Trip in under reamer, ream from 922'	200.00	600.00
	to 938'. Trip out, rig down.	000.00	4 400 00
7.00	RIG TIME- 6/25/13 - Move Rig to KF-5. Rig up, trip in to	D13018 200.00	1,400.00
	916', drill plug and cement to 937'. Clean hole, trip out,	7000	
	run in core barrel.	70	
	Core from 937' to 951', trip out, lay core out on tray, log		
2.00	well.	200.00	600.00
3.00	RIG TIME- 6/26/13 - Trip in under reamer to 934'. Ream from 934' to 950'. Clean hole, trip out, rig down.	200.00	000.00
7.50	RIG TIME- 6/26/13 - Move Rig to KL-2. Rig up trip in to	M3014 200.00	1,500.00
7.50	903'. Drill plug and cement to 940', trip pipe out. Trip in	D13014 20200.00	(,,000.00
	core barrel. Core from 940' to 950'.	JID.	
	Trip out core, lay core on tray. Log well.	,	
3.00	RIG TIME- 6/27/13 - Trip in under reamer. Ream from	200.00	600.00
0.00	940' to 949'. Clean hole, trip out. Rig down.	a <sub>e</sub> ,	
3.00	RIG TIME- 6/27/13 - Move Rig to KF-3. Rig up, trip in to	D13011 190 200.00	600.00
	Subtotal		Continued
	Sales Tax	The second secon	Continued
	Total Invoice Amount	The second secon	Continued
	Payment/Credit Applied		
	TOTAL		Continued