DRILLERS LOG

API NO: 15 - 003 - 26166 - 00 - 00

OPERATOR: COLT ENERGY, INC

ADDRESS: P.O. BOX 388, IOLA, KS 66749

WELL #: 23 LEASE NAME: KIVETT

FOOTAGE LOCATION: 1485 FEET FROM (N) (S) LINE 844 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

SPUD DATE: 5/20/2014

DATE COMPLETED: 5/22/2014

S. 16 T. 23 R. 18 E. W.

LOCATION: SE SW NE SE

COUNTY: ANDERSON

ELEV. GR.: 1013

DF: KB:

GEOLOGIST: JIM STEGMAN

TOTAL DEPTH: 1003 P.B.T.D.

OIL PURCHASER: COFFEYVILLE RESOURCES CRUDE TRANSPORTATION

CASING RECORD

REPORT OF ALL STRINGS - SURFACE, INTERMEDIATE, PRODUCTION, ETC.

PURPOSE OF STRING	SIZE HOLE DRILLED	SIZE CASING SET (In O.D.)	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12.2500	8.6250	28	42.5	OWC	49	CEMENTED by ELITE
PRODUCTION:	6.7500	4.5	10.5	~~986~~ 990.15'	OWC	111	CEMENTED by ELITE

WELL LOG

CORES: #1 - 837 - 855

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - 5ft FLOATSHOE
4 - CENTRALIZERS
1 - CLAMPS

USED: 1 - GALLON POLY-PLUS

FORMATION	TOP	BOTTOM
TOP SOIL	0	3
CLAY	3	6
GRAVEL	6	9
LIME	9	27
SHALE	27	61
LIME	61	113
SHALE	113	199
LIME	199	244
SHALE	244	249
LIME	249	250
SHALE	250	258
LIME	258	264
SHALE	264	276
LIME	276	286
SHALE	286	317
LIME	317	319
SHALE	319	323
LIME	323	384
SHALE	384	390
LIME	390	392
SHALE	392	396
LIME	396	412
SHALE	412	416
LIME	416	425
SHALE	425	427
LIME	427	436
SHALE	436	616
LIME	616	622
SAND & SHALE	622	634
LIME	634	635
SHALE	635	639
LIME	639	648
SAND & SHALE	648	722
LIME	722	731
SAND & SHALE	731	747
LIME	747	751
SAND & SHALE	751	763
LIME	763	793
SAND & SHALE	793	804
LIME	804	810
SAND & SHALE	810	835

FORMATION	TOP	BOTTOM
OIL SAND	835	844
SAND & SHALE	844	896
LIME	896	898
SAND & SHALE	898	917
OIL SAND	917	923
SAND & SHALE	923	1003 T.D.