DRILLERS LOG

API NO: 15 - 003 - 26165 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: 15 LEASE NAME: HALDEMAN

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

LOCATION: NE NE SE SE

COUNTY: ANDERSON

ELEV. GR.: 1013

DF: KB:

FOOTAGE LOCATION: 1000 FEET FROM (N) (S) LINE 205 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: JIM STEGMAN

SPUD DATE: 5/15/2014

TOTAL DEPTH: 925 P.B.T.D.

DATE COMPLETED: 5/20/2014

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	43	OWC	47 40	ELITE CEMENTING
PRODUCTION:	6.7500	4.5	10.5	~~942~~ 924.23	OWC		ELITE CEMENTING

WELL LOG

CORES: #1 - 829 - 852

RECOVERED:

ACTUAL CORING TIME:

RAN: 1 - 5ft FLOAT SHOE
3 - CENTRALIZERS
1 - CLAMP

USED: 1 - GALLON POLY-PLUS

FORMATION	TOP	BOTTOM
TOP SOIL	0	4
GRAVEL	4	6
LIME	6	29
SHALE	29	62
LIME	62	108
SHALE	108	196
LIME	196	237
SHALE	237	254
LIME	254	256
SHALE	256	310
KC LIME	310	378
STARK SHALE	378	384
KC LIME	384	406
HUSHPUCKNEY SHALE	406	411
KC LIME	411	419
SHALE	419	423
HERTHA LIME	423	430
SHALE	430	606
LIME	606	611
SAND & SHALE	611	630
LIME	630	641
SHALE	641	643
LIME	643	645
SAND & SHALE	645	714
LIME	714	726
SAND & SHALE	726	737
LIME	737	741
SHALE	741	754
LIME	754	763
SAND & SHALE	763	766
LIME	766	769
SHALE	769	771
LIME	771	785
SHALE	785	786
LIME	786	789
SHALE	789	794
LIME	794	796
SHALE	796	798
LIME	798	800
SHALE	800	807
LIME	807	808
SHALE	808	814

FORMATION	TOP	BOTTOM
LIME	814	815
SAND & SHALE	815	828
OIL SAND & SHALE	828	856
SAND & SHALE	856	925 T.D.