DRILLERS LOG

API NO: 15 - 001 - 30844 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: FG - 1 LEASE NAME: CLINE

S. 16 T. 24 R. 18 E. W.

LOCATION: SW SE NE NE

COUNTY: ALLEN

ELEV. GR.: 955

DF: KB:

FOOTAGE LOCATION: 1031 FEET FROM (N) (S) LINE 352 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: JIM STEGMAN

SPUD DATE: 5/8/2014

TOTAL DEPTH: 990 P.B.T.D.

DATE COMPLETED: 5/14/2014

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	23.40	I	10	SERVICE COMPANY
PRODUCTION:	6.7500	4.5	10.5	974	OWC	133	SERVICE COMPANY

cement circ'd of 4½" csg

WELL LOG

CORES: # 1 - 1060 - 1088

RECOVERED: 28 ft

ACTUAL CORING TIME:

RAN: 1 - FLOAT SHOE
4 - CENTRALIZERS
1 - CLAMP

FORMATION	TOP	BOTTOM
TOP SOIL	0	2
SILT	2	3
CLAY	3	12
SHALE	12	13
GRAVEL	13	17
LIME	17	68
SHALE	68	96
LIME	96	105
SHALE	105	150
LIME	150	207
SHALE	207	211
LIME	211	237
SHALE	237	241
LIME	241	247
SHALE	247	251
LIME	251	258
SHALE	258	261
LIME	261	264
SHALE	264	449
LIME	449	450
SHALE	450	451
LIME	451	461
SHALE	461	465
LIME	465	466
SAND & SHALE	466	475
LIME	475	476
SAND & SHALE	476	556
LIME	556	562
SHALE	562	568
LIME	568	573
SAND & SHALE	573	588
LIME	588	620
SHALE	620	626
LIME	626	629
SAND & SHALE	629	664
FIRST LIME	664	666
SHALE SAND	666	684
SECOND LIME	684	686
SAND & SHALE	686	811
LIME	811	812
SHALE	812	813
LIME	813	814

FORMATION	TOP	BOTTOM
SHALE	814	842
LIME	842	843
SAND & SHALE	843	860
OIL SAND	860	875
SAND	875	973
LIME	973	974
SAND	974	990 T.D.