DRILLERS LOG

API NO: 15 - 003 - 26888 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: I - 34 LEASE NAME: JCB MILLER

S. 29 T. 22 R. 19 E. W

LOCATION: NE NE SW NE

COUNTY: ANDERSON

ELEV. GR.: 1108

DF: KB:

FOOTAGE LOCATION: 1620 FEET FROM (N) (S) LINE 1357 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX

SPUD DATE: 6/20/2017

TOTAL DEPTH: 1000 P.B.T.D.

DATE COMPLETED: 6/23/2017

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	22.20	I	10	
PRODUCTION:	6.7500	4.5	10.5	995	OWC	112	ELITE

WELL LOG

CORES: # 1 - 860 - 882

CORES: # 2 - 882 - 911

RECOVERED:

ACTUAL CORING TIME:

RAN:

FORMATION	TOP	BOTTOM
TOP	0	1
GRAVEL	1	4
CLAY	4	39
LIME	39	82
SHALE	82	119
LIME	119	179
SHALE	179	183
LIME	183	185
SHALE	185	222
LIME	222	223
SHALE	223	228
LIME	228	235
SHALE	235	258
LIME	258	289
SHALE	289	294
LIME	294	296
SHALE	296	321
LIME	321	322
SHALE	322	372
KC LIME	372	430
SHALE	430	436
KC LIME	436	456
SHALE	456	460
KC LIME	460	468
SHALE	468	471
LIME	471	481
SHALE	481	614
LIME	614	620
SHALE	620	652
LIME	652	658
SHALE	658	662
LIME	662	663
SHALE	663	676
LIME	676	688
SHALE	688	750
LIME	750	756
SHALE	756	774
LIME	774	778
SAND & SHALE	778	794
LIME	794	802
SHALE	802	820

FORMATION	TOP	BOTTOM
LIME	820	823
SHALE	823	825
LIME	825	829
SAND & SHALE	829	834
LIME	834	837
SAND & SHALE	837	848
LIME	848	849
SAND & SHALE	849	857
LIME	857	858
OIL SAND & SHALE	858	940
SHALE & LIME	940	945
SHALE & SAND	945	962
LIME	962	964
SAND & SHALE	964	1000 T.D.