DRILLERS LOG

API NO: 15 - 001 - 30525 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: KB1 LEASE NAME: KIRK

S. 9 T. 24 R. 18 E. W.

LOCATION: SE SE SW SE

COUNTY: ALLEN

ELEV. GR.: 991

DF: KB:

FOOTAGE LOCATION: 220 FEET FROM (N) (S) LINE 1540 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 11/26/2012

TOTAL DEPTH: 888 P.B.T.D.

DATE COMPLETED: 11/28/2012

OIL PURCHASER: COFFEYVILLE RESOURCES

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	21.75	I	10	SERVICE COMPANY
PRODUCTION:	6.7500	4.5	10.5	887.50	OWC	97	SERVICE COMPANY

WELL LOG

CORES: #

RECOVERED:

ACTUAL CORING TIME:

RAN:

FORMATION	TOP	BOTTOM
TOP SOIL	0	1
ROCK SAND CLAY	1	3
LIME	3	6
SHALE	6	75
LIME	75	77
SHALE	77	80
LIME	80	125
SHALE	125	137
LIME	137	142
SHALE	142	151
LIME	151	155
SHALE	155	204
KC LIME	204	263
SHALE	263	266
KC LIME	266	291
SHALE	291	294
KC LIME	294	325
BIG SHALE	325	457
LIME	457	460
SAND & SHALE	460	499
LIME	499	503
SHALE	503	505
LIME	505	509
SHALE	509	514
LIME	514	523
SHALE	523	542
LIME	542	545
SHALE	545	576
LIME	576	579
SHALE	579	584
LIME	584	594
SHALE	594	597
LIME	597	598
SHALE	598	605
LIME	605	610
SHALE	610	613
LIME	613	614
SAND & SHALE	614	622
SHALE	622	624
LIME	624	628
SAND & SHALE	628	646
LIME	646	651

FORMATION	TOP	BOTTOM
SAND & SHALE	651	652
SAND & LIME	652	656
SAND & SHALE	656	662
LIME	662	665
SHALE	665	669
SAND & SHALE	669	703
LIME	703	704
SAND & SHALE	704	808
SAND *(odor)*	808	820
SHALE	820	841
BLACK SHALE & COAL	841	844
SHALE	844	872
BLACK SHALE & COAL	872	876
SAND HARD	876	884
SAND & SHALE *(odor)*	884	888 T.D.