DRILLERS LOG

API NO: 15 - 031 - 23413 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: J7 - i LEASE NAME: GLEUE TRUST, E&I (852)

S. 36 T. 22 R. 16 E. W.

LOCATION: NW SE SE SW

COUNTY: COFFEY

ELEV. GR.: 1011

DF: KB:

FOOTAGE LOCATION: 495 FEET FROM (N) (S) LINE 2175 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 11/5/2012

TOTAL DEPTH: 1062 P.B.T.D.

DATE COMPLETED: 11/8/2012

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	8.625	28	42.50	OWC	30	SERVICE COMPANY
PRODUCTION:	6.7500	4.5	10.5	1052	OWC	115	SERVICE COMPANY

WELL LOG

CORES: #1 - 967 - 980

RAN:

RECOVERED:

ACTUAL CORING TIME:

FORMATION	TOP	BOTTOM
TOP SOIL	0	4
CLAY	4	28
SAND & GRAVEL	28	41
SHALE	41	204
LIME	204	244
SHALE	244	260
LIME	260	262
SHALE	262	284
LIME	284	285
SHALE	285	312
LIME	312	333
SHALE	333	337
LIME	337	344
SHALE	344	354
LIME	354	375
SHALE	375	377
LIME	377	425
SHALE	425	427
LIME	427	429
SHALE	429	434
LIME	434	435
RED BED SHALE	435	445
SHALE	445	455
LIME	455	464
SHALE	464	475
LIME	475	484
SHALE	484	486
KC LIME	486	537
SHALE	537	539
KC LIME	539	541
SHALE	541	544
KC LIME	544	567
SHALE	567	570
KC LIME	570	596
BIG SHALE	596	757
LIME	757	765
SAND & SHALE	765	767
LIME	767	768
SAND SHALE	768	770
LIME	770	772
SAND SHALE	772	780
LIME	780	788

FORMATION	TOP	BOTTOM
SAND & SHALE	788	796
LIME	796	799
SAND SHALE	799	850
LIME	850	857
SHALE	857	875
LIME	875	879
SHALE	879	894
LIME	894	900
SAND & SHALE	900	918
LIME	918	919
SHALE	919	920
LIME	920	924
SHALE	924	931
LIME	931	935
SHALE	935	965
CAP LIME	965	967
SHALE	967	970
CAP LIME	970	971
SAND & SHALE OIL	971	978
SHALE	978	1062 T.D.