DRILLERS LOG

API NO: 15 - 207 - 28914 - 00 - 00

OPERATOR: COLT ENERGY, INC

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

WELL #: 4 LEASE NAME: ALLEN

S. 14 T. 26 R. 14 E. W.

LOCATION: SE SE SW SE

COUNTY: WOODSON

ELEV. GR.:

DF: KB:

FOOTAGE LOCATION: 100 FEET FROM (N) (S) LINE 1565 FEET FROM (E) (W) LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: REX ASHLOCK

SPUD DATE: 8/5/2014

TOTAL DEPTH: 1410 P.B.T.D.

DATE COMPLETED: 8/11/2014

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	42.50	OWC	40	ELITE
PRODUCTION:	6.7500						

WELL LOG

CORES: #1 - 1281 - 1301.50

RECOVERED:

ACTUAL CORING TIME:

RAN:

FORMATION	TOP	BOTTOM
SAND	0	16
GRAVEL	16	22
LIME	22	23
SHALE	23	25
SAND	25	47
SHALE	47	178
LANSING LIME	178	226
SHALE	226	230
LANSING LIME	230	260
SHALE & LIME	260	270
LIME	270	382
SHALE	382	384
LIME	384	440
SHALE	440	447
LIME	447	453
SAND & SHALE	453	468
LIME	468	472
SHALE	472	518
KC LIME	518	608
SHALE	608	612
KC LIME	612	642
SHALE	642	644
KC LIME	644	689
SHALE	689	804
LIME	804	808
SHALE & LIME	808	825
SHALE	825	843
LIME	843	856
SAND & SHALE	856	978
LIME	978	981
BLACK SHALE	981	1005
SHALE	1005	1024
LIME	1024	1032
SHALE	1032	1039
LIME	1039	1043
SHALE	1043	1051
SAND & SHALE	1051	1062
SHALE	1062	1124
LIME	1124	1127
SHALE	1127	1195
SAND	1195	1202
SHALE	1202	1223

FORMATION	TOP	BOTTOM
SHALE & SAND	1223	1280
OIL SAND	1280	1281
SHALE	1281	1283
SAND	1283	1285
SAND & SHALE	1285	1303
SAND	1303	1308
SHALE	1308	1345
SAND	1345	1353
SHALE	1353	1383
COAL	1383	1385
SHALE	1385	1402
COAL	1402	1404
SHALE	1404	1410 T.D.
PLUG WELL		
GELLED HOLE UP		
300' CEMENT @ TOTAL DEPTH		
50' CEMENT PLUG @ 500'		
CEMENT FROM 250 TO SURFACE		