

DRILLERS LOG

API NO. 15-125-31374-0000

S. 33 T. 33 R. 17E

OPERATOR: COLT ENERGY, INC.

LOCATION: NW SW NE SW

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

COUNTY: MONTGOMERY

WELL #: 11-33

LEASE NAME: PAPE/MULLER

FOOTAGE LOCATION: 1775 FEET FROM NORTH LINE & 1345 FEET FROM WEST LINE

CONTRACTOR: FINNEY DRILLING COMPANY

GEOLOGIST: JIM S.

SPUD DATE: 8-13-07

TOTAL DEPTH: 960

DATE COMPLETED: 8-15-07

PURCHASER: SOUTHERN STAR

CASING RECORD

PURPOSE OF STRING	SIZE OF HOLE	SIZE OF CASING	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12 1/4	8 5/8	22	250.0	50-50	125	Service Company
PRODUCTION:	6 3/4	4.5	10.5	951.00	50-50	121	Service Company

WELL LOG

CORES: NONE  
LOGS: OPEN HOLE

RAN: 4 CENTRALIZERS  
1 CLAMP  
1 FLOATSHOE

FORMATION	TOP	BOTTOM
TOP SOIL	0	2
CLAY	2	14
HARD SHALE	14	23
LIME	23	24
SHALE	24	33
LIME	33	34
SHALE	34	36
LIME	36	37
SHALE	37	38
LIME	38	40
SHALE	40	69
LIME	69	100
SHALE	100	118
LIME	118	129
SHALE	129	131
LIME	131	144
SHALE	144	145
LIME	145	147
SAND & SHALE	147	151
LIME	151	154
SAND & SHALE	154	175
SAND	175	187
SHALE	187	265
LIME	265	268
SHALE	268	275
LIME	275	294

FORMATION	TOP	BOTTOM
SHALE	294	298
BLACK SHALE	298	302
SAND	302	314
SHALE	314	326
SAND & SHALE	326	362
LIME	362	364
SHALE	364	368
LIME	368	404
SHALE	404	408
LIME	408	439
SHALE	439	443
LIME	443	456
SHALE	456	467
LIME	467	469
SHALE	469	495
LIME	495	496
SHALE	496	503
LIME	503	508
SHALE	508	545
LIME	545	547
SAND & SHALE	547	620
LIME	620	621
SHALE	621	889
COAL	889	892
COAL & SHALE	892	905
MISSISSIPPI LIME	905	960 T.D.