

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: LEE 1-23	API: 15-025-21574-00-00	Region: CLARK CO. KS.
Location: NW SE NW NE SECTION 23 32S 21W	License Number: 33185	Drilling Completed: 2/13/2014
Spud Date: 2/27/2014	Surface Coordinates: 863' FROM NORTH LINE OF SECTION 1740' FROM EAST LINE OF SECTION	
Bottom Hole Coordinates: 863' FROM NORTH LINE OF SECTION 1740' FROM EAST LINE OF SECTION	Ground Elevation (ft): 2018'	K.B. Elevation (ft): 2032'
Logged Interval (ft): 4200' To: 6500	Total Depth (ft): 6500	
Formation: VIOLA		
Type of Drilling Fluid: CHEMICAL, MUD-CO		

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OPERATOR

Company: QUAIL OIL & GAS LC
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GEOLOGIST

Name: DAVID GOULD (LOGGER)
Company: DMT COMPANY
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(620) 388-2847

Well Name & No.: Lee #1-23 **Company:** Quail Oil & Gas **Test No.:** 1 **Interval Tested:** 5239 - 5265

Zone Tested: Morrow **Times:** 30-30-15-30

Blow Description: IFP: Strong Blow BOB in 10 Sec. GTS in 7 Min. ISI: Mud to Surface in 2 Min. FFP: Strong Blow, BOB & GTS Immediate, TSTM, MTS in 4 Min. FSI: Would not Bleed Off

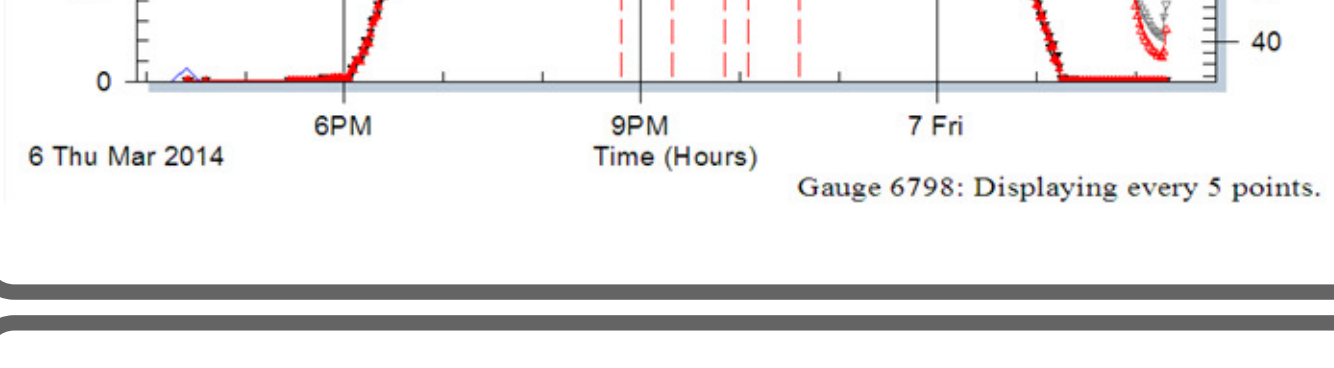
Rec: 1023 Feet of GIP, 1488 Feet of GMOCW 5% Gas 30% Oil 60% Water 5% Mud, 215 Feet of GMOCW 10% Gas 25% Oil 60% Water 5% Mud, 2511 Feet of Water Rec. Total: 4214', BHT: 124 Gravity: N/C

Initial Hydrostatic: 2600 **First Initial Flow:** 1278 **First Final Flow:** 1514 **Initial Shut-In:** 1551

Second Initial Flow: 1524 **Second Final Flow:** 1549 **Final Shut-In:** 1555 **Final Hydrostatic:** 2483

3/5/2014 21:58 126.450

Pressure vs. Time



Gauge 6798: Displaying every 5 points.

Well Name & No.: Lee #1-23 **Company:** Quail Oil & Gas **Test No.:** 2 **Interval Tested:** 6364 - 6378

Zone Tested: Viola **Times:** 45-60-30-60

Blow Description: IFP: Strong Blow BOB in 40 Sec. GTS in 30 Min. ISI: Strong Blow, 45 Min. to Bleed Off FFP: Strong Blow, BOB in 20 Secs., GTS Immediate FSI: Weak Blow, BOB 15 Min. 10 Min. to Bleed Off

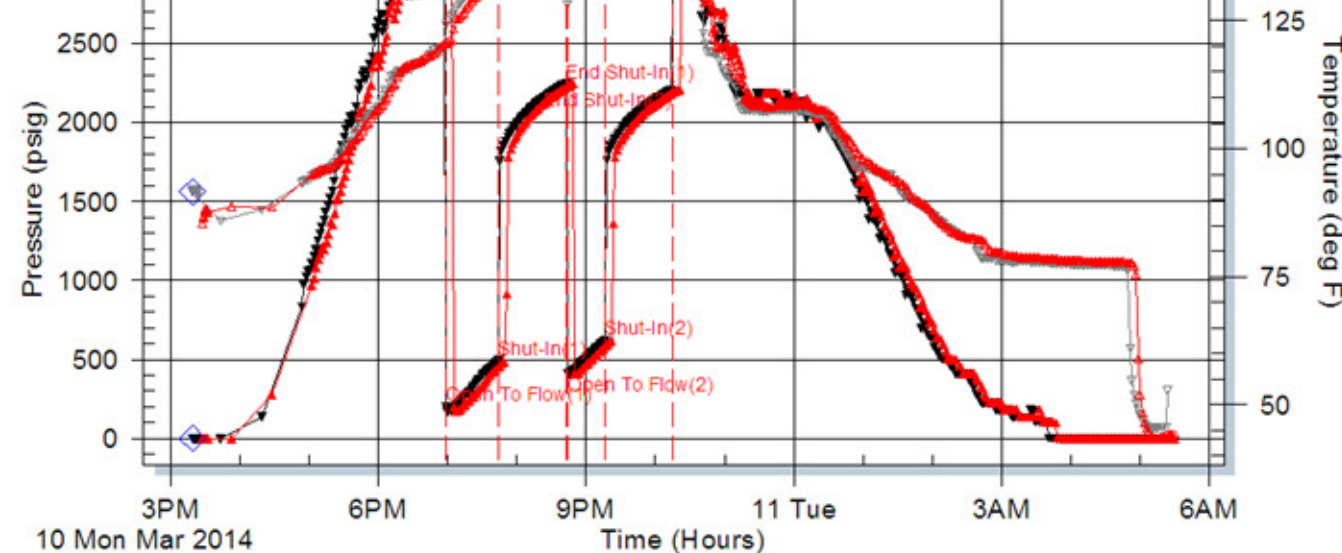
Rec: 1620 Feet of GIP, 4758 Feet of Clean Oil 100% Oil, 270 Feet of OCM 73% Oil 27% Mud, 90 Feet of GOCM 20% Gas, 50% Oil, 30% Mud Rec. Total: 5118', BHT: 137 Gravity: 47

Initial Hydrostatic: 3208 **First Initial Flow:** 203 **First Final Flow:** 500 **Initial Shut-In:** 2247

Second Initial Flow: 412 **Second Final Flow:** 625 **Final Shut-In:** 2210 **Final Hydrostatic:** 2988

3/11/2014 6:01 2887.373

Pressure vs. Time



Gauge 6773: Displaying every 7 points.

Comments

CCONTRACTOR:
H-40 #3

BIT RECORD:
#1 12 1/4", STC, XP16PS, 0057106, 120' TO 650'
#2 7 7/8", STC, MI616, JH7713, 650' TO 6500'

SURVEYS:

312' 3/4 DEGREE
650' 3/4 DEGREE
1117' 3/4 DEGREE
1623' 3/4 DEGREE
2163' 3/4 DEGREE
2670' 1 DEGREE
2893' 1 DEGREE
3908' 3/4 DEGREE
4417' 1 1/4 DEGREE
4671' 1 1/4 DEGREE
4925' 1 3/4 DEGREE
5179' 1 DEGREE
5265' 1 1/4 DEGREE
5497' 3/4 DEGREE
6006' 1/2 DEGREE
6372' 1/4 DEGREE
6500' 1 DEGREE

DAILY STATUS: (7:00 AM)

2/27/2014, 220'
2/28/2014, 650'
3/1/2014, 1718'
3/2/2014, 2705'
3/3/2014, 3415'
3/4/2014, 4420'
3/5/2014, 4955'
3/6/2014, 5265'
3/7/2014, 5265'
3/8/2014, 5600'
3/9/2014, 6045'
3/10/2014, 6372'
3/11/2014, 7378'
3/12/2014, 6500'

ROCK TYPES

