Pressure Survey Report

General Information

Company Name	NEW GULF OPERATING		
Contact	DANNY BIRDWELL		
Well Name	DAVID #1-32		
Unique Well ID	DST#1 LANSING 'H' 4,294' - 4,328'	KB Elevation (SL)	m
Surface Location	SEC 32-17S-34W SCOTT COUNTY, KS	CF Elevation (SL)	m
Well License Number		GL Elevation (SL)	m
Field	WILDCAT	KB-CF Offset	m
Well Type		KB-GL Offset	m

Test Information

Test Type	CONVENTIONAL DRILL-STEM TEST	Job Number	
Formation	DST #1 LANSING 'H' 4,294' - 4,327	Representative	ROGER D FRIEDLY
Well Fluid Type	01 Oil	Well Operator	NEW GULF OPERATING
Test Purpose (AEUB)		Report Date	2012/04/21
H2S	ppm	Prepared By	ROGER D. FRIEDLY

Test/Production Interval

Top(Log KB)	m	Top(TVD KB)	m
Bottom(Log KB)	m	Bottom(TVD KB)	m
MPP(Log KB)	m	MPP(TVD KB)	m
Start Test Date	2012/04/21	Start Test Time	15:13:00
Final Test Date	2912/04/21	Final Test Time	22:15:00
Date Well Shut-In		Time Well Shut-In	
Flow Duration		Shut-In Duration	
Tubing Pressure: Initial	kPa(a)	Casing Pressure: Initial	kPa(a)
Tubing Pressure: Final	kPa(a)	Casing Pressure: Final	kPa(a)

Wellbore Information

Flow Path		Completion Type	
Tubing ID	mm	Casing ID	mm
Tubing OD	mm	Casing OD	mm
Tubing Depth(Log KB)	m	Tubing Depth(TVD KB)	m
Casing Depth(Log KB)	m	Casing Depth(TVD KB)	m
Packer Depth(Log KB)	m	Packer Depth(TVD KB)	m
PBTD(Log KB)	m	PBTD(TVD KB)	m

Test Results

Gauge Name	30046
Gauge Serial Number	
Run Depth (TVD KB)	m
Pressure at Run Depth	kPa(a)
Pressure at MPP	kPa(a)
Temperature at Run Depth	°C

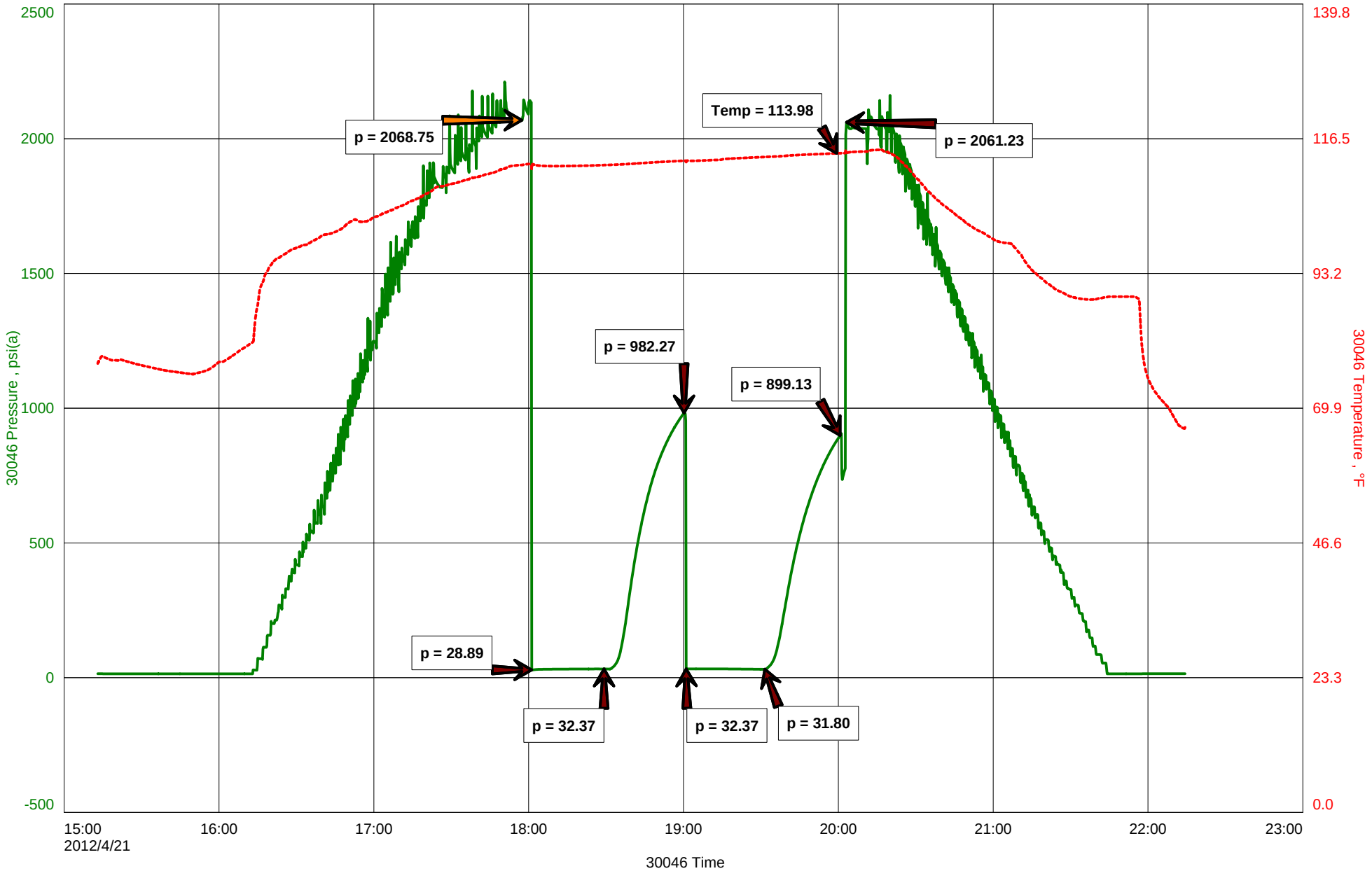
RECOVERED: 5' DM 100% MUD

TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS

NEW GULF OPERATING
DST#1 LANSING 'H' 4,294' - 4,328'
Start Test Date: 2012/04/21
Final Test Date: 2912/04/21

DAVID #1-32
Formation: DST #1 LANSING 'H' 4,294' - 4,327

DAVID #1-32



DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

ON 15:13
OFF 22:15

DRILL-STEM TEST TICKET

DAVID1-32DST1

Company NEW GULF OPERATING — Lease & Well No. DAVID #1-32

Contractor VALRIG 7 — Charge to NEW GULF OPERATING

Elevation 3,160KB — Formation LANSING 'H' — Effective Pay ____ Ft. — Ticket No. ____

Date 4.21.12 — Sec. 32 — Twp. 17 S — Range 34 W — County SCOTT — State KS

Test Approved By CURTIS COVEY — Diamond Representative JOHN C. RIEDL

Formation Test No. 1 — Interval Tested from 4,294 ft. to 4,328 ft. — Total Depth 4,328 ft.

Packer Depth 4,289 ft. — Size 6 3/4 in. — Packer Depth ____ ft. — Size ____ in.

Packer Depth 4,294 ft. — Size 6 3/4 in. — Packer Depth ____ ft. — Size ____ in.

Depth of Selective Zone Set ____

Top Recorder Depth (Inside) 4,291 ft. — Recorder Number 30046 — Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 4,325 ft. — Recorder Number 11073 — Cap. 4000 P.S.I.

Below Straddle Recorder Depth ____ ft. — Recorder Number ____ — Cap. ____ P.S.I.

Mud Type CHEMICAL — Viscosity 58 — Drill Collar Length 0 ft. — I.D. 2 1/4 in.

Weight 9.3 — Water Loss 8.8 cc. — Weight Pipe Length 0 ft. — I.D. 2 7/8 in.

Chlorides 4,000 P.P.M. — Drill Pipe Length 4,268 ft. — I.D. 3 1/2 in.

Jars: Make BOWEN — Serial Number #2 — Test Tool Length 26 ft. — Tool Size 3 1/2-IF in.

Did Well Flow? NO — Reversed Out NO — Anchor Length 34 ft. — Size 4 1/2-FH in.

Main Hole Size 7 7/8 — Tool Joint Size 4 1/2 XH in. — Surface Choke Size 1 in. — Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK 1/8 DECREASNG BLOW DIED IN 11 MIN — NO BB

2nd Open: NO BLOW — NO BB

Recovered 5 ft. of DM 100% MUD

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Recovered ____ ft. of ____

Remarks: TOOL SAMPLE: 100% DM WITH GOOD OIL SPECKS

Price Job	
Other Charges	
Insurance	
Total	

Time Set Packer(s) 6:01 P.M. A.M. P.M. — Time Started Off Bottom 8:01 P.M. A.M. P.M. — Maximum Temperature 114

Initial Hydrostatic Pressure ..... (A) 2,069 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 29 P.S.I. to (C) 32 P.S.I.

Initial Closed In Period ..... Minutes 30 (D) 982 P.S.I.

Final Flow Period ..... Minutes 30 (E) 32 P.S.I. to (F) 32 P.S.I.

Final Closed In Period ..... Minutes 30 (G) 899 P.S.I.

Final Hydrostatic Pressure ..... (H) 2,061 P.S.I.