



DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 EICHMAN1DST1

Company G L M Company Lease & Well No. Eichman No. 1
 Elevation 1833 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. A021
 Date 2-27-14 Sec. 24 Twp. 14S Range 15W County Russell State Kansas
 Test Approved By Brad Hutchinson Diamond Representative Andy Carreira

Formation Test No. 1 Interval Tested from 3,242 ft. to 3,258 ft. Total Depth 3,312 ft.
 Packer Depth 3,237 ft. Size 6 3/4 in. Packer Depth 3,258 ft. Size 6 3/4 in.
 Packer Depth 3,242 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set 3,258 ft.

Top Recorder Depth (Inside) _____ 3,230 ft. Recorder Number 5585 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) _____ 3,253 ft. Recorder Number 13819 Cap. 5,400 psi.
 Below Straddle Recorder Depth _____ 3,260 ft. Recorder Number 8471 Cap. 10,000 psi.

Drilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length _____ ft I.D. _____ in.
 Mud Type Chemical Viscosity 60 Weight Pipe Length _____ ft I.D. _____ in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,217 ft I.D. 3 1/2 in.
 Chlorides 3,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 16' perf. w/54' tail pipe Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Blow increasing. Off bottom of bucket in 12 mins. Intermittent blow back during shut-in.
 2nd Open: Blow increasing. Off bottom of bucket in 13 mins. Weak, 1/2 in. blow back during shut-in.

Recovered 480 ft. of gas in pipe
 Recovered 95 ft. of gassy oil = 1.351850 bbls. (Grind out: 15%-gas; 85%-oil)
 Recovered 50 ft. of oil cut gassy mud = .711500 bbls. (Grind out: 15%-gas; 25%-oil; 60%-mud)
 Recovered 145 ft. of TOTAL FLUID = 2.063350 bbls.

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks Tool Sample Grind Out: 95%-oil; 5%-mud (Gravity: 33 @ 60°)
Below Straddle Psi At End: 1116

Time Set Packer(s) 6:36 A.M. Time Started off Bottom 8:36 A.M. Maximum Temperature 97°
 Initial Hydrostatic Pressure.....(A) _____ 1552 P.S.I.
 Initial Flow Period.....Minutes 30 (B) _____ 7 P.S.I. to (C) _____ 34 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) _____ 1080 P.S.I.
 Final Flow Period.....Minutes 30 (E) _____ 36 P.S.I. to (F) _____ 58 P.S.I.
 Final Closed In Period.....Minutes 30 (G) _____ 1079 P.S.I.
 Final Hydrostatic Pressure.....(H) _____ 1542 P.S.I.

DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	GLM CO.	TERRY MORRIS	Job Number	A021
Contact		EICHMAN 1	Representative	ANDY CARREIRA
Well Name		DST 1 ARBUCKLE 3242-3258	Well Operator	GLM CO.
Unique Well ID		SEC 24-14S-15W RUSSELL CNTY, KS	Report Date	2014/02/27
Surface Location			Prepared By	ANDY CARREIRA
Well License Number				
Field		GORHAM		
Well Type		Vertical		

Test Information

Test Type		STRADDLE	
Formation		DST 1 ARBUCKLE 3242-3258	
Well Fluid Type		01 Oil	
Test Purpose		Initial Test	
Start Test Date		2014/02/27	Start Test Time 05:02:00
Final Test Date		2014/02/27	Final Test Time 10:27:00

Gauge Name 5585

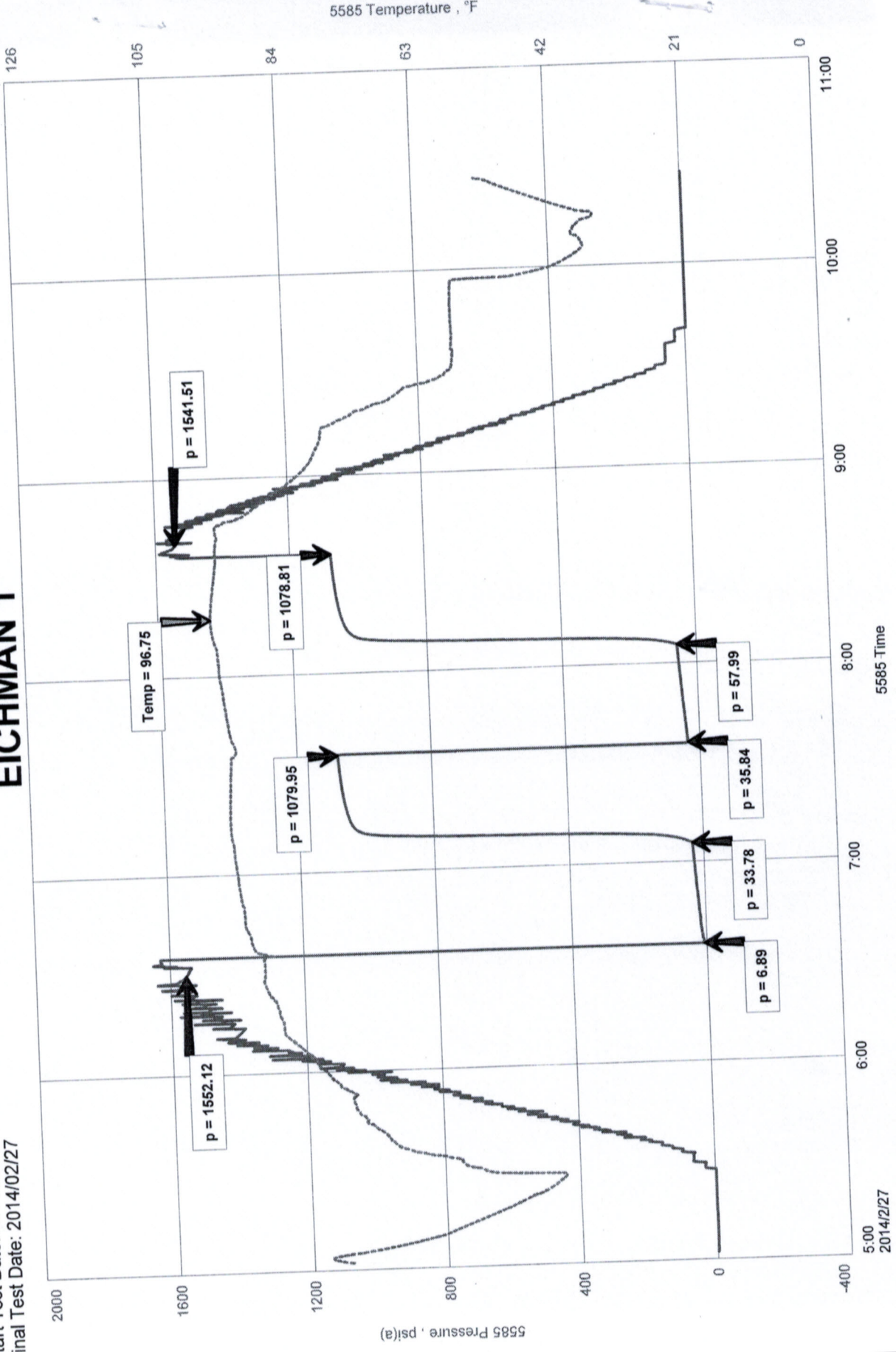
Test Results

RECOVERY: 480' GIP
 95' GO 15%G,85%O
 50' OCGM 15%G,25%O,60%M
 145' TOTAL FLUID

GRAVITY: 33 @ 60

TOOL SAMPLE: 95%OIL, 5%MUD

EICHMAN 1



EICHMAN 1

