

15-053-21255

30-17s-10w

### DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30044.D073

Company John Roy Evans Oil Company, LLC Lease & Well No. Beck No. B-4  
 Elevation 1816 GL Formation Arbuckle Effective Pay -- Ft. Ticket No. M073  
 Date 12-19-10 Sec. 30 Twp. 17S Range 10W County Ellsworth State Kansas  
 Test Approved By Josh R. Austin Diamond Representative Michael Cochran  
 Formation Test No. 1 Interval Tested from 3,257 ft. to 3,287 ft. Total Depth 3,287 ft.  
 Packer Depth 3,252 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Packer Depth 3,257 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.  
 Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,246 ft. Recorder Number 30044 Cap. 5,000 psi  
 Bottom Recorder Depth (Outside) 3,284 ft. Recorder Number 13386 Cap. 3,875 psi  
 Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length -- ft. I.D. -- in.  
 Mud Type Chemical Viscosity 53 Weight Pipe Length -- ft. I.D. -- in.  
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,232 ft. I.D. 3 1/2 in.  
 Chlorides 4,700 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.  
 Jars: Make Sterling Serial Number Not Run Anchor Length 30 ft. 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: Weak, surface blow building to 1/8 in. then dead after 10 mins. No blow back during shut-in.  
2nd Open: No blow. No blow back during shut-in.

Recovered 2 ft. of clean oil = .028460 bbls. (Grind out: 100%-oil) Gravity: 41.5 @ 60°  
 Recovered 3 ft. of slightly oil specked mud = .042690 bbls.  
 Recovered 5 ft. of TOTAL FLUID = .071150 bbls.  
 Recovered          ft. of           
 Recovered          ft. of           
 Remarks Tool Sample Grind Out: 40%-oil; 60%-mud

Time Set Packer(s)	<u>5:45</u>	<del>P.M.</del> <u>A.M.</u>	Time Started Off Bottom	<u>7:15</u>	<del>P.M.</del> <u>A.M.</u>	Maximum Temperature	<u>100°</u>
Initial Hydrostatic Pressure			(A)	<u>1558</u>	P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>6</u>	P.S.I. to (C)	<u>8</u>	P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>199</u>	P.S.I.		
Final Flow Period	Minutes	<u>15</u>	(E)	<u>9</u>	P.S.I. to (F)	<u>9</u>	P.S.I.
Final Closed In Period	Minutes	<u>15</u>	(G)	<u>62</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1554</u>	P.S.I.		

# Diamond Testing

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General information Report

## General Information

Company Name JOHN ROY EVANS OIL CO.

Contact	GARY KIRMER	Job Number	M073
Well Name	BECK B-4	Representative	MIKE COCHRAN
Unique Well ID	DST1 3257-3287 ARB	Well Operator	JOHN ROY EVANS OIL CO.
Surface Location	SEC 30-17S-10W ELLSWORTH CO. KS.	Report Date	2010/12/19
Well License Number		Prepared By	MIKE COCHRAN
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL		
Formation	DST1 3257-3287 ARB		
Well Fluid Type	01 Oil	Start Test Time	03:40:00
		Final Test Time	08:55:00
Start Test Date	2010/12/19		
Final Test Date	2010/12/19		
Gauge Name	30044		
Gauge Serial Number			

## Test Results

RECOVERED: 2' CO 100% OIL  
3' SOSM  
5' TOTAL FLUID

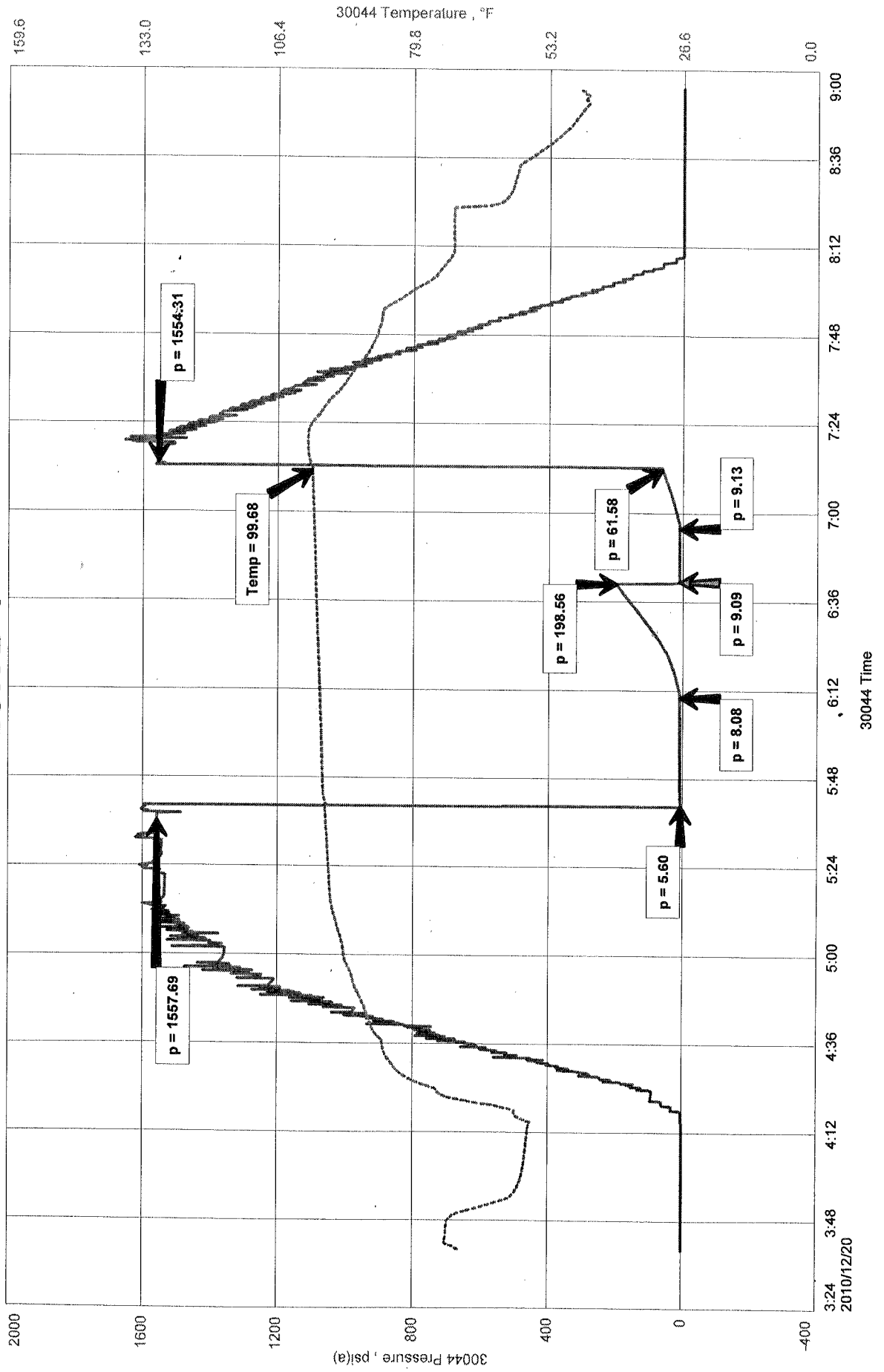
GRAVITY: 41.5@60 DEG.

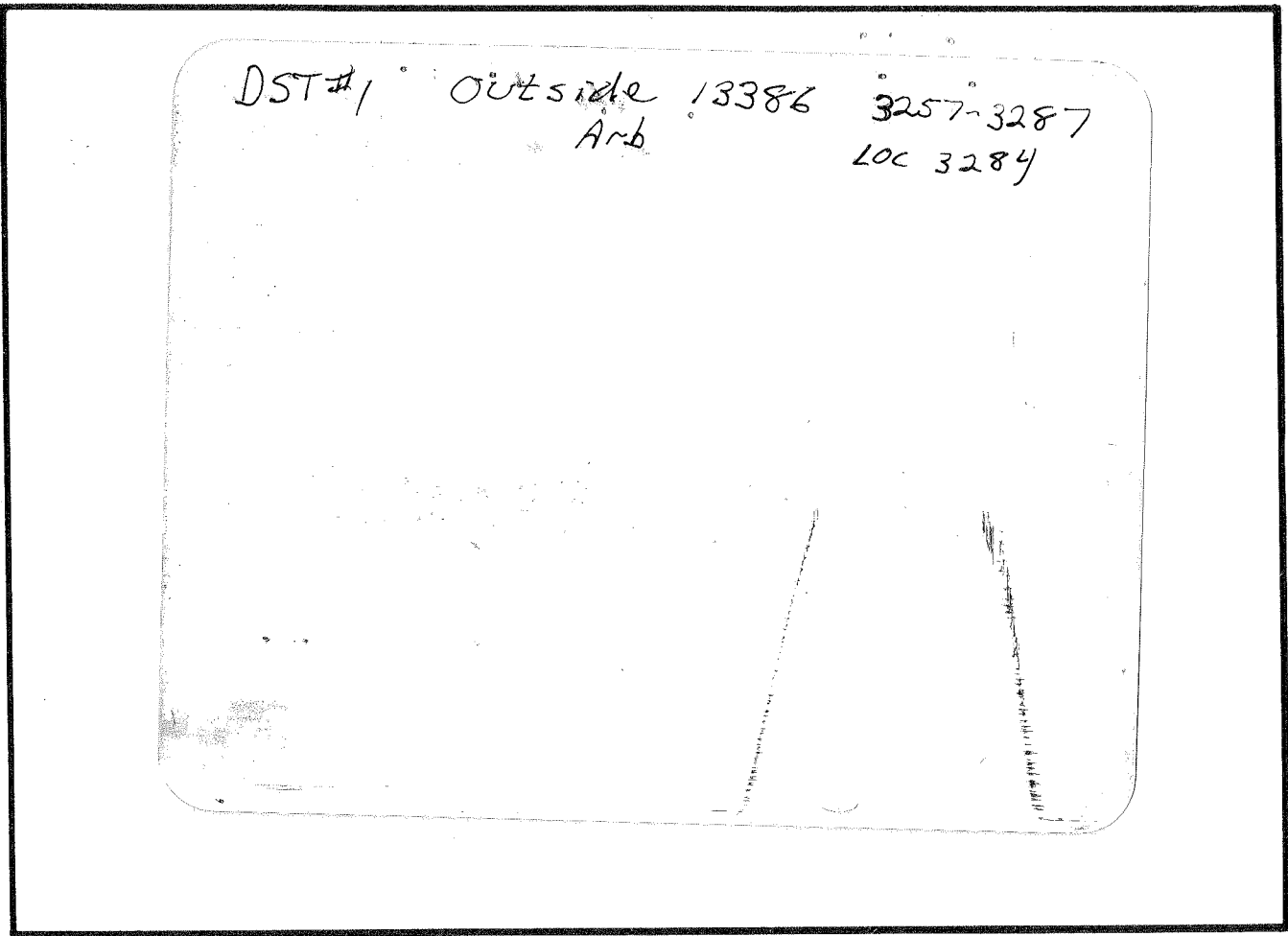
TOOLSAMPLE: 40% OIL, 60% DM

JOHN ROY EVANS OIL CO.  
DST1 3257-3287 ARB  
Start Test Date: 2010/12/19  
Final Test Date: 2010/12/19

BECK B-4  
Formation: DST1 3257-3287 ARB  
Job Number: M073

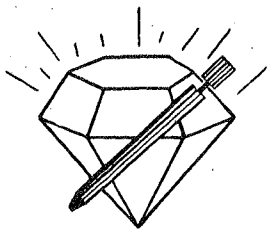
# BECK B-4





This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud .....	1558	1558		PSI
(B) First Initial Flow Pressure.....	6	6		PSI
(C) First Final Flow Pressure .....	8	8		PSI
(D) Initial Closed-in Pressure .....	199	199		PSI
(E) Second Initial Flow Pressure .....	9	9		PSI
(F) Second Final Flow Pressure.....	9	9		PSI
(G) Final Closed-in Pressure.....	62	62		PSI
(H) Final Hydrostatic Mud .....	1554	1554		PSI



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

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STC 30044.D074

Company John Roy Evans Oil Company, LLC Lease & Well No. Beck No. B-4

Elevation 1816 GL Formation Arbuckle Effective Pay      Ft. Ticket No. M074

Date 12-20-10 Sec. 30 Twp. 17S Range 10W County Ellsworth State Kansas

Test Approved By Josh R. Austin Diamond Representative Michael Cochran

Formation Test No. 2 Interval Tested from 3,257 ft. to 3,292 ft. Total Depth 3,292 ft.

Packer Depth 3,252 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Packer Depth 3,257 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,246 ft. Recorder Number 30044 Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,289 ft. Recorder Number 13386 Cap. 3,875 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Royal Drilling, Inc. - Rig 1 Drill Collar Length      ft. I.D.      in.

Mud Type Chemical Viscosity 59 Weight Pipe Length      ft. I.D.      in.

Weight 9.4 Water Loss 8.0 cc. Drill Pipe Length 3,232 ft. I.D. 3 1/2 in.

Chlorides 5,100 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 35 ft. 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: Weak, surface blow. Off bottom of bucket in 11 mins. Weak, surface blow back during shut-in.

2nd Open: Weak, surface blow. Off bottom of bucket in 10 1/2 mins. No blow back during shut-in.

Recovered 65 ft. of gas in pipe

Recovered 318 ft. of clean oil = 4.525140 bbls. (Grind out: 100%-oil) Gravity: 43.6 @ 60°

Recovered 189 ft. of gas & heavy oil cut watery mud = 2.689470 bbls. (Grind out: 4%-gas; 45%-oil; 14%-water; 37%-mud)

Recovered 126 ft. of slightly oil specked muddy water = 1.792980 bbls. (Grind out: 2%-oil; 27%-mud; 71%-water)

Recovered 633 ft. of TOTAL FLUID = 9.007590 bbls.

Remarks Tool Sample Grind Out: 2%-oil; 71%-water; 27%-mud Chlorides: 11,000 Ppm

PH: 7.5

RW: .08 @ 48°

Time Set Packer(s) 2:15 ~~XXM.~~ P.M. Time Started Off Bottom 4:45 ~~XXM.~~ P.M. Maximum Temperature 107°

Initial Hydrostatic Pressure ..... (A) 1561 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 12 P.S.I. to (C) 125 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1093 P.S.I.

Final Flow Period ..... Minutes 30 (E) 131 P.S.I. to (F) 230 P.S.I.

Final Closed In Period ..... Minutes 45 (G) 1089 P.S.I.

Final Hydrostatic Pressure ..... (H) 1550 P.S.I.

# Diamond Testing

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## General information Report

### General Information

Company Name JOHN ROY EVANS OIL CO.

Contact	GARY KIRMER	Job Number	M074
Well Name	BECK B-4	Representative	MIKE COCHRAN
Unique Well ID	DST2 3257-3292 ARB	Well Operator	JOHN ROY EVANS OIL CO.
Surface Location	SEC 30-17S-10W ELLSWORTH CO. KS.	Report Date	2010/12/20
Well License Number		Prepared By	MIKE COCHRAN
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL	Start Test Time	12:53:00
Formation	DST2 3257-3292 ARB	Final Test Time	19:08:00
Well Fluid Type	01 Oil		
Start Test Date	2010/12/20		
Final Test Date	2010/12/20		
Gauge Name	30044		
Gauge Serial Number			

### Test Results

RECOVERED: 65' G.I.P.  
318' CO 100% OIL  
189' GHOCWM 4% GAS, 45% OIL, 14% WTR, 37% MUD  
126' SOSMW 2% OIL, 71% WTR, 27% MUD  
633' TOTAL FLUID

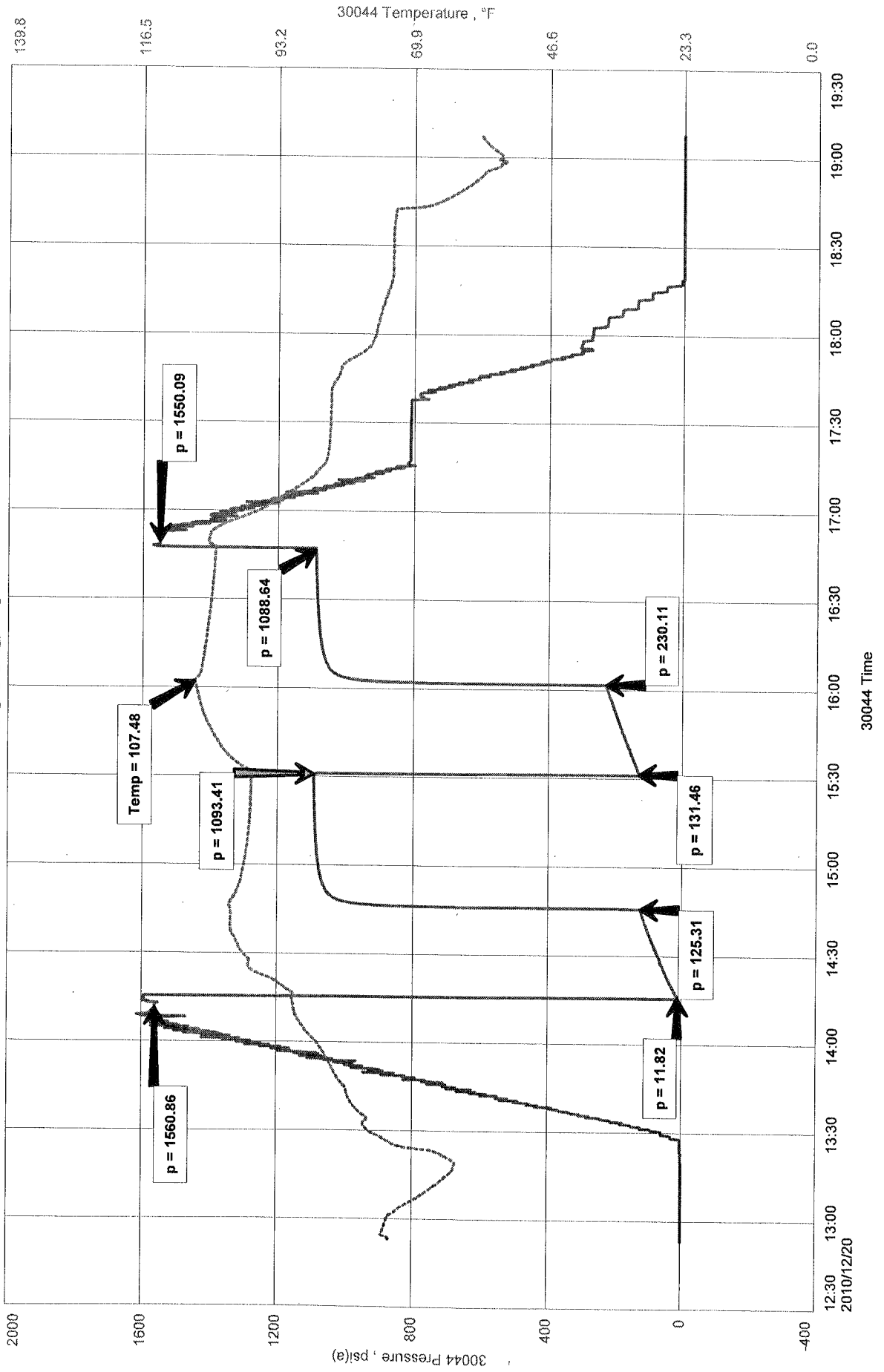
GRAVITY: 43.6@60 DEG.  
CHLORIDES: 11,000 PPM  
PH: 7.5  
RW: .08

TOOLSAMPLE: 2% OIL, 71% WTR, 27% MUD

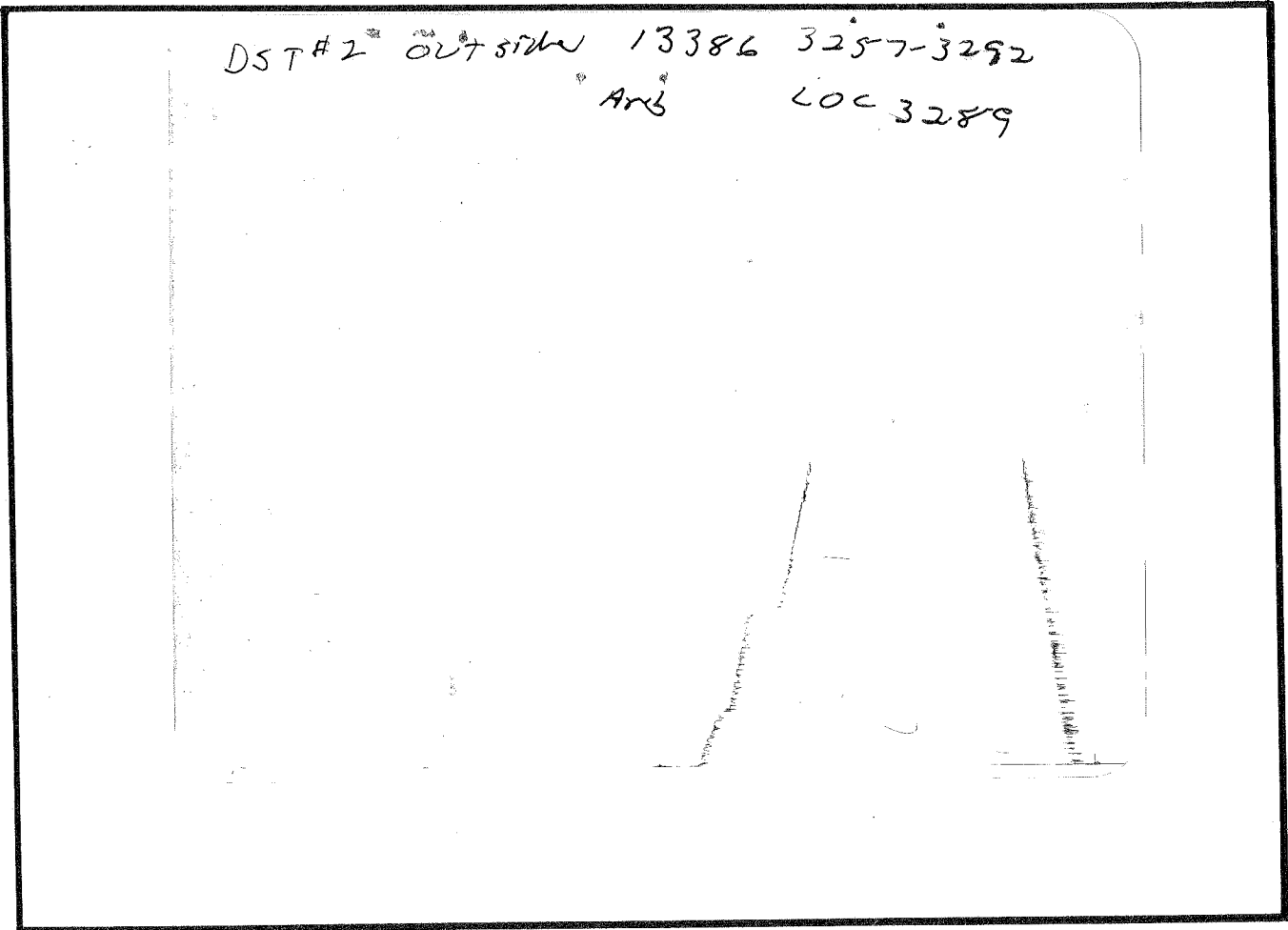
JOHN ROY EVANS OIL CO.  
DST2 3257-3292 ARB  
Start Test Date: 2010/12/20  
Final Test Date: 2010/12/20

BECK B-4  
Formation: DST2 3257-3292 ARB  
Pool: WILDCAT  
Job Number: M074

# BECK B-4



DST #2 OUTSIDE 13386 3257-3292  
 Arb LOC 3289



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud	1561	1561	PSI
(B) First Initial Flow Pressure	12	12	PSI
(C) First Final Flow Pressure	125	125	PSI
(D) Initial Closed-in Pressure	1093	1093	PSI
(E) Second Initial Flow Pressure	131	131	PSI
(F) Second Final Flow Pressure	230	230	PSI
(G) Final Closed-in Pressure	1089	1089	PSI
(H) Final Hydrostatic Mud	1550	1550	PSI