

15-175-21814

10-31s-34w

ORIGINAL

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TRILOBITE TESTING L.L.C.

OPERATOR : Oxy USA

DATE 12-09-000

WELL NAME: Federal Land Bank G-1

KB 2898.00 ft

TICKET NO: 13628

DST #1

LOCATION : 10-31s-34w Haskell co KS

GR 2886.00 ft

FORMATION: Morrow

INTERVAL : 5355.00 To 5371.00 ft

TD 5371.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 1940 to 2010 hr
SI 60 Range(Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2010 to 2110 hr
SF 60 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 2110 to 2210 hr
FS 120 Depth(ft)	5368.0	5368.0	5360.0	0.0	0.0	FS Fr. 2210 to 0010 hr

	Field	1	2	3	4	
A. Init Hydro	2558.0	0.0	2587.0	0.0	0.0	T STARTED 1705 hr
B. First Flow	18.0	0.0	41.0	0.0	0.0	T ON BOTM 1935 hr
B1. Final Flow	23.0	0.0	27.0	0.0	0.0	T OPEN 1940 hr
C. In Shut-in	391.0	0.0	400.0	0.0	0.0	T PULLED 0010 hr
D. Init Flow	23.0	0.0	21.0	0.0	0.0	T OUT 0245 hr
E. Final Flow	28.0	0.0	39.0	0.0	0.0	
F. Fl Shut-in	386.0	0.0	394.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2426.0	0.0	2429.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 120000.00 lbs
						Initial Str Wt 102000.00 lbs
						Unseated Str Wt 102000.00 lbs

RECOVERY

Tot Fluid 65.00 ft of 65.00 ft in DC and 0.00 ft in DP
 0.00 ft of Gas in all fluid free pipe.
 65.00 ft of Oil cut water mud
 0.00 ft of 5% oil 45% water 50% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of Rw .16 ohms @ 40 degrees F.
 0.00 ft of EST.FT. of PAY-----8
 SALINITY 88000.00 P.P.M. A.P.I. Gravity 0.00

KCC

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BLOW DESCRIPTION

Initial Flow:

Strong blow. Bottom of bucket in 2 minutes.

Initial Shut-In:

No blow.

Final Flow:

Strong blow. Bottom of bucket in 5-10 seconds.

Final Shut-In:

No blow. Gas to surface while bleeding off.

SAMPLES: none

SENT TO: Caraway/Liberal

RELEASED

MAR 18 2002

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Test Successful: Y

MUD DATA-----

Mud Type	Chemical
Weight	9.10 lb/c
Vis.	49.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft.
Btm. H. Temp.	129.00 F
Hole Condition	fair
% Porosity	12.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00-N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Tom Heflin
Contr.	Duke Drig.
Rig #	6
Unit #	
Pump T.	LCM 4 #/bl

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CONFIDENTIAL TRILOBITE TESTING L.L.CKCC

P.O. Box 362 • Hays, Kansas 67601

JAN 31 2001

Nº 13628

Test Ticket

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Well Name & No. Federal land Barb 2 G Test No. 1 Date 12-9-2000
 Company Oxy USA Zone Tested Morrow
 Address P.O. Box 2528, Liberal KS. 67905 Elevation 2898 KB 2886 GL
 Co. Rep / Geo. Tom Hefflin Cont. Duke Dalg. #6 Est. Ft. of Pay 8 Por. %
 Location: Sec. 10 Twp. 31 S Rge. 34 W Co. Haskell State KS.
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 5355 - 5371' Initial Str Wt./Lbs. 102,000 Unseated Str Wt./Lbs. 102,000
 Anchor Length 16' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 120,000
 Top Packer Depth 5350' Tool Weight 2100 #
 Bottom Packer Depth 5355' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓
 Total Depth 5371' Wt. Pipe Run None Drill Collar Run 640'

Mud Wt. 9.1 LCM 4# Vis. 49 WL 8.8 cc. Drill Pipe Size 4 1/2" x 4 Ft. Run 4696'

Blow Description IF: Strong blow. B.O.B. in 2 mins.

ISI: No blow.

FF: Strong blow. B.O.B. in 5-10 secs. FSI: No blow

GTS while pulling off in FSI.

Recovery — Total Feet 65 GIP yes Ft. in DC 65 Ft. in DP

Rec. 65 Feet Of OCWM %gas 5 %oil 45 %water 50 %mud

Rec. Feet Of %gas %oil %water %mud

Rec. Feet Of %gas %oil %water %mud

Rec. Feet Of %gas %oil %water %mud

Rec. Feet Of %gas %oil %water %mud

BHT 129 °F Gravity N/A °API D @ °F Corrected Gravity N/A °API

RW 16 @ 40 °F Chlorides 88,000 ppm Recovery Chlorides 1,000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	2558	2587	2342	1510
(B) First Initial Flow Pressure	18	41	(depth) 5360	T-Started 1600/1705
(C) First Final Flow Pressure	23	27	PSI Recorder No. 10248	T-Open 1940
(D) Initial Shut-in Pressure	391	400	(depth) 5368'	T-Pulled 0012
(E) Second Initial Flow Pressure	23	21	PSI Recorder No. <u> </u>	T-Out 0245
(F) Second Final Flow Pressure	28	39	(depth) <u> </u>	T-Off Location 0415
(G) Final Shut-in Pressure	386	394	PSI Initial Opening 30	Test <u>✓</u> 900
(Q) Final Hydrostatic Mud	2426	2429	PSI Initial Shut-in 60	Jars <u>✓</u> 200
			Final Flow 60	Safety Joint <u>✓</u> 50
			Final Shut-in 120	Straddle <u> </u>

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SHALE

Approved By

FROM CONFIDENTIAL

Our Representative

Extra Packer ✓ 150Elec. Rec. ✓ 150Mileage ✓ 50Other TOTAL PRICE \$ 1700

TEST HISTORY 13628 DST#1 FEDERAL LAND BANK G-1 OXY USA

Flag Points

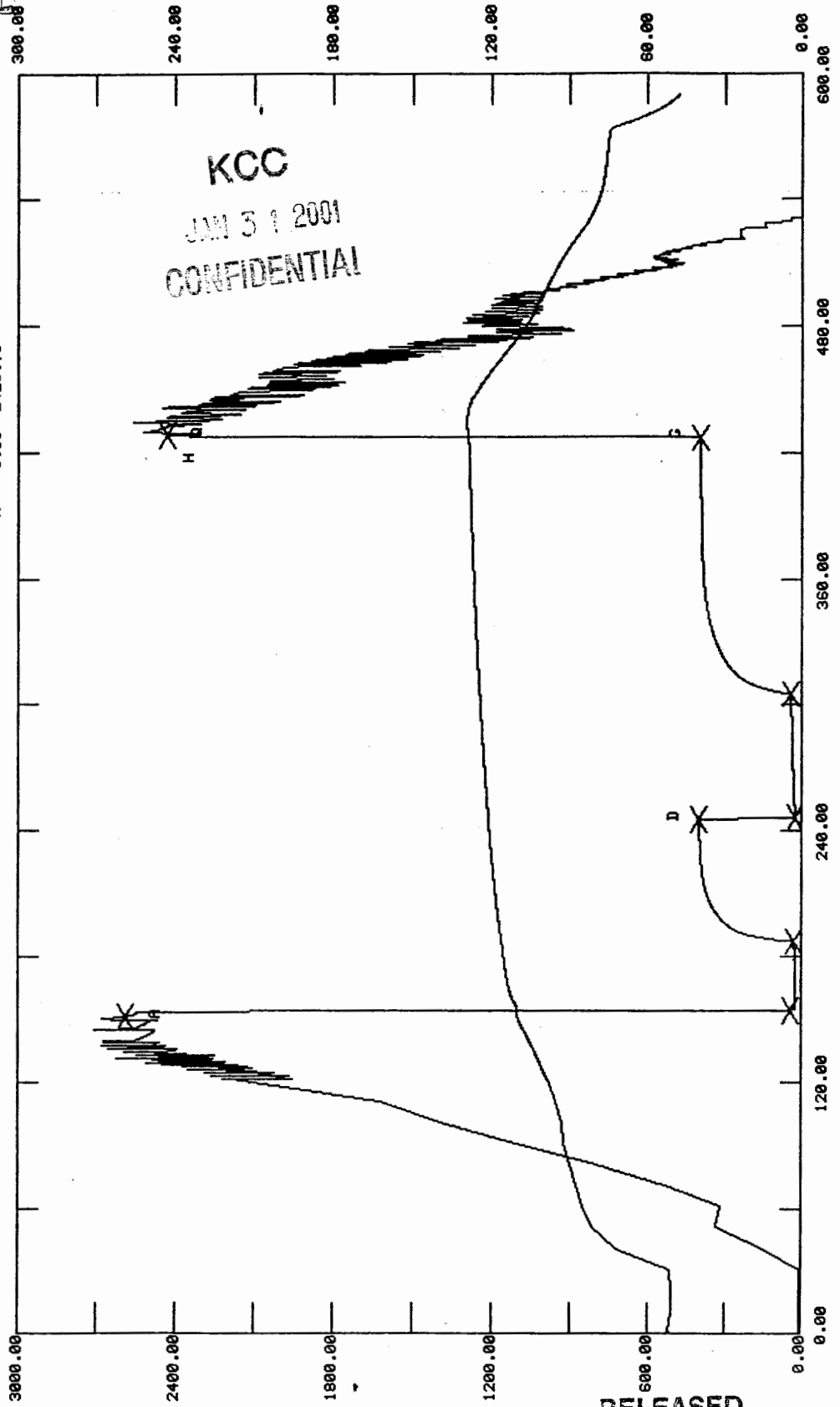
t(Min.) P(PSig)

A:	0.00	2586.56
B:	0.00	40.53
C:	33.25	26.51
D:	58.50	399.78
E:	0.00	20.55
F:	59.00	39.02
G:	122.00	393.61
H:	0.00	2428.78

t(Min.) P(PSig)

Q: 0.00 2428.78

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Pressure (PSig)

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Temperature (DEG F)

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