

DIAMOND TESTING

P. O. Box 157

HOISINGTON, KANSAS 67544

(316) 653-7550

Company	Central Energy Corporation	Lease & Well No.	Thompson "A" No. 1						
Elevation	2203 KB	Formation	Mississippi	Effective Pay	-- Ft.	Ticket No.	761		
Date	4-16-91	Sec.	30	Twp. 30S	Range 18W	County	Kiowa	State	Kansas
Test Approved By	Jon T. Williams, Jr.	Diamond Representative	Roger D. Friedly						
Formation Test No.	1	Interval Tested from	5,018 ft. to	5,064 ft.	Total Depth	5,064 ft.			
Packer Depth	5,013 ft.	Size	6 3/4 in.	Packer Depth	ft.	Size	in.		
Packer Depth	5,018 ft.	Size	6 3/4 in.	Packer Depth	ft.	Size	in.		
Depth of Selective Zone Set									
Top Recorder Depth (Inside)	5,000 ft.	Recorder Number	13386	Cap.	3,875 psi				
Bottom Recorder Depth (Outside)	5,061 ft.	Recorder Number	13556	Cap.	4,425 psi				
Below Straddle Recorder Depth	ft.	Recorder Number		Cap.					
Drilling Contractor	White & Ellis Drilg., Inc.	Drill Collar Length	--	I.D.	-- in.				
Mud Type	Chemical	Viscosity	42	Weight Pipe Length	--	I.D.	-- in.		
Weight	9.3	Water Loss	8.8 cc.	Drill Pipe Length	4,987 ft.	I.D.	3 1/2 in.		
Chlorides	7,400	P.P.M.		Test Tool Length	31 ft.	Tool Size	3 1/2-IF in.		
Jars: Make	Sterling	Serial Number	1	Anchor Length	46 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, 1/2 in., blow slowly increasing to 3 1/8 ins. at end.

2nd Open: Fair, 1 1/2 in., blow slowly increasing to 6 ins. at end.

Recovered 170 ft. of gas in pipe

Recovered 45 ft. of drilling mud with some free oil in tool = .639 bbls. (Chlorides: 7,800 Ppm)

Recovered 45 ft. of TOTAL FLUID = .639 bbls.

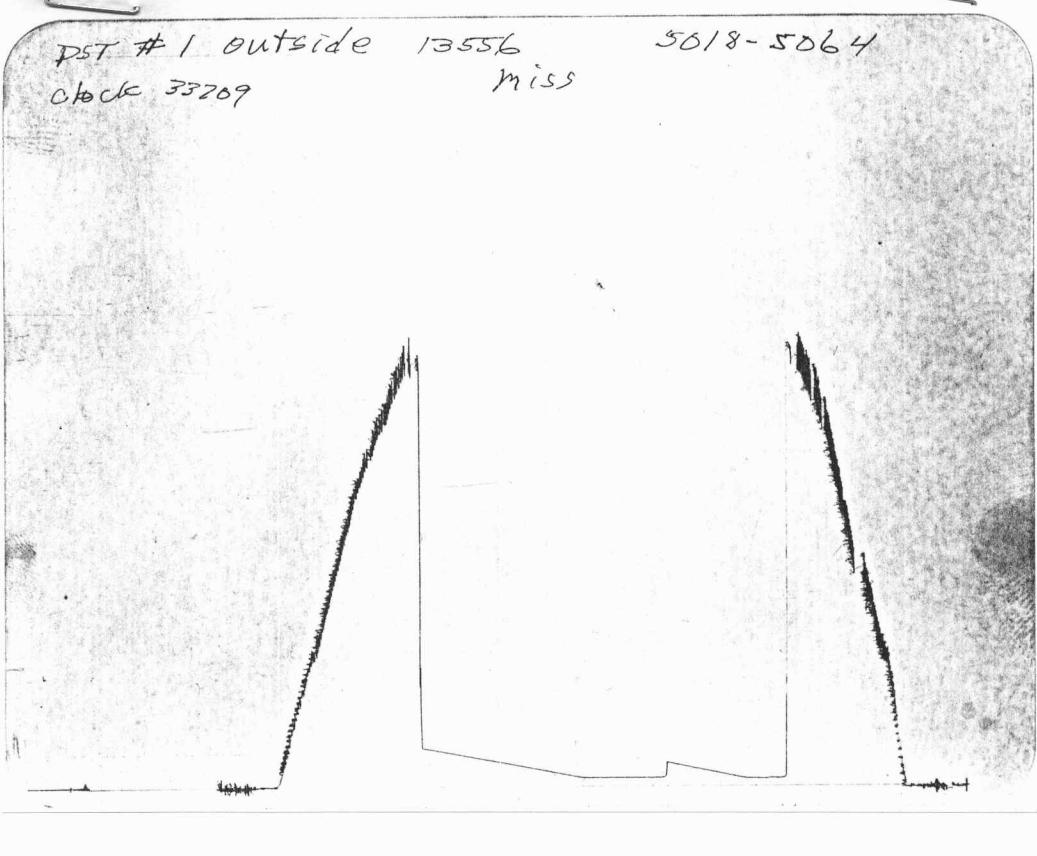
Recovered ft. of

Recovered ft. of

Remarks

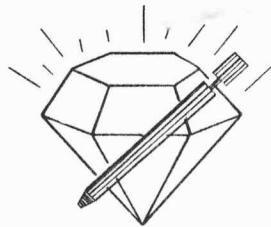
Time Set Packer(s)	A.M.	Time Started Off Bottom	A.M.	Maximum Temperature			
8:50	R.M.	1:20	P.M.	112°			
Initial Hydrostatic Pressure		(A)	2490	P.S.I.			
Initial Flow Period	Minutes	30	(B)	45	P.S.I. to (C)	51	P.S.I.
Initial Closed In Period	Minutes	60	(D)	134	P.S.I.		
Final Flow Period	Minutes	60	(E)	54	P.S.I. to (F)	56	P.S.I.
Final Closed In Period	Minutes	120	(G)	222	P.S.I.		
Final Hydrostatic Pressure		(H)	2468	P.S.I.			

556' FNL & 2029' FWL



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2490	2488	PSI
(B) First Initial Flow Pressure.....	45	44	PSI
(C) First Final Flow Pressure	51	48	PSI
(D) Initial Closed-in Pressure	134	134	PSI
(E) Second Initial Flow Pressure.....	54	56	PSI
(F) Second Final Flow Pressure.....	56	58	PSI
(G) Final Closed-in Pressure.....	222	222	PSI
(H) Final Hydrostatic Mud	2468	2470	PSI



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HOISINGTON, KANSAS 67544

(316) 653-7550

Company Central Energy Corporation Lease & Well No. Thompson "A" No. 1
Elevation 2203 KB Formation Mississippi Effective Pay _____ -- Ft. Ticket No. 762
Date 4-17-91 Sec. 30 Twp. 30S Range 18W County Kiowa State Kansas
Test Approved By Jon T. Williams, Jr. Diamond Representative Roger D. Friedly
Formation Test No. 2 Interval Tested from 5,042 ft. to 5,072 ft. Total Depth 5,072 ft.
Packer Depth 5,037 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 5,042 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 5,024 ft. Recorder Number 13386 Cap. 3,875 psi
Bottom Recorder Depth (Outside) 5,069 ft. Recorder Number 13556 Cap. 4,425 psi
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor White & Ellis Drilg., Inc. Drill Collar Length -- I.D. -- in.
Mud Type Chemical Viscosity 46 Weight Pipe Length -- I.D. -- in.
Weight 9.4 Water Loss 8.8 cc. Drill Pipe Length 5,011 ft. I.D. 3 1/2 in.
Chlorides 7,400 P.P.M. Test Tool Length 31 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number 1 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, 1/4 in., blow slowly increasing to 2 ins. at end.

2nd Open: Weak, 1/4 in., blow slowly increasing to 3 ins. at end.

Recovered 120 ft. of gas in pipe

Recovered 35 ft. of drilling mud with some free oil in tool = .497 bbls.

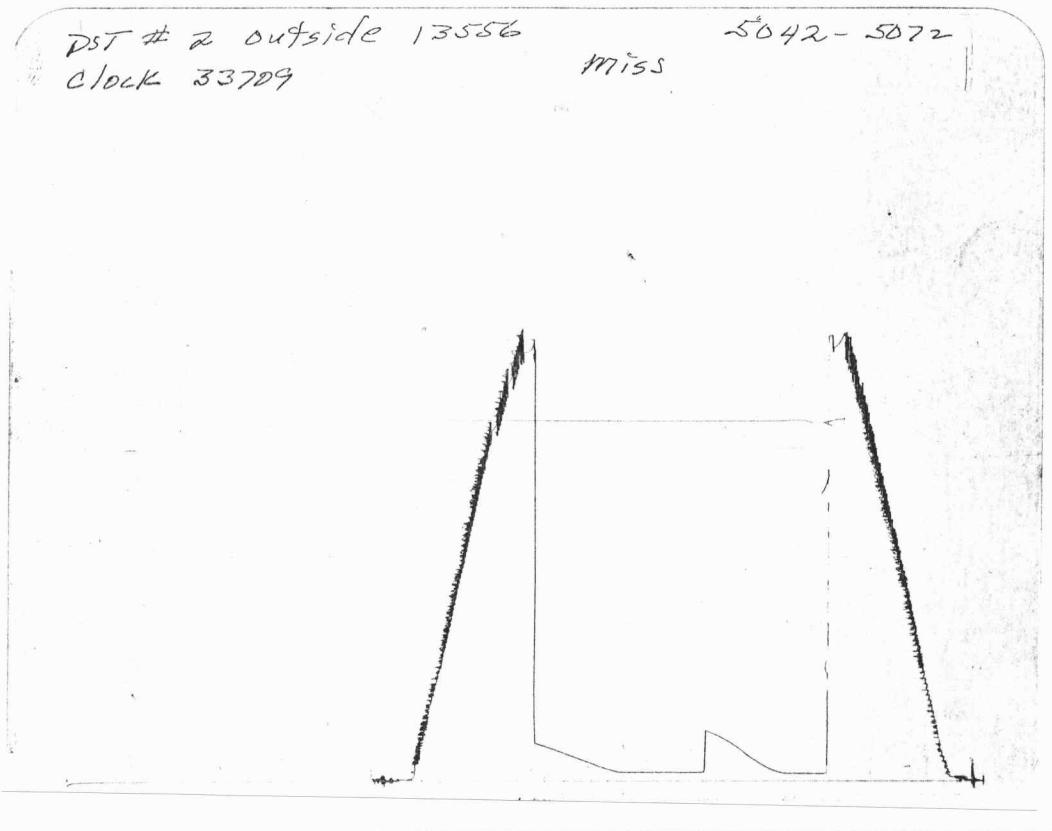
Recovered 35 ft. of TOTAL FLUID = .497 bbls.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks _____

Time Set Packer(s)	A.M.	Time Started Off Bottom	A.M.	Maximum Temperature			
<u>3:45</u>	<u>PM.</u>	<u>7:15</u>	<u>PM.</u>	<u>112°</u>			
Initial Hydrostatic Pressure	(A)	<u>2501</u>	P.S.I.			
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>45</u>	P.S.I. to (C)	<u>45</u>	P.S.I.
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>251</u>	P.S.I.		
Final Flow Period	Minutes	<u>60</u>	(E)	<u>51</u>	P.S.I. to (F)	<u>51</u>	P.S.I.
Final Closed In Period	Minutes	<u>60</u>	(G)	<u>222</u>	P.S.I.		
Final Hydrostatic Pressure	(H)	<u>2479</u>	P.S.I.			



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2501	2515	PSI
(B) First Initial Flow Pressure.....	45	47	PSI
(C) First Final Flow Pressure	45	47	PSI
(D) Initial Closed-in Pressure	251	288	PSI
(E) Second Initial Flow Pressure.....	51	54	PSI
(F) Second Final Flow Pressure.....	51	54	PSI
(G) Final Closed-in Pressure.....	222	222	PSI
(H) Final Hydrostatic Mud	2479	2476	PSI

556' RNL # 2024' FWL, SEC