



DIAMOND TESTING

P. O. Box 157

HOISINGTON, KANSAS 67544

(316) 653-7550

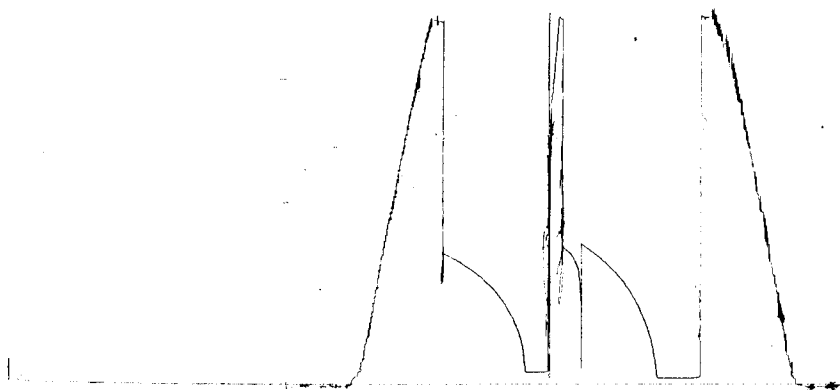
Company	Balcron Oil Co.	Lease & Well No.	Spreier No. 2-30								
Elevation	N/A	Formation	Arbuckle	Effective Pay	-- Ft.	Ticket No.	J671				
Date	1-10-90	Sec.	30	Twp.	16S	Range	19W	County	Rush	State	Kansas
Test Approved By	J. Copeland Landes	Diamond Representative	John Riedl								
Formation Test No.	1	Interval Tested from	3,818 ft. to	3,868 ft.	Total Depth	3,868 ft.					
Packer Depth	3,813 ft.	Size	6 3/4 in.	Packer Depth	ft.	Size	in.				
Packer Depth	3,818 ft.	Size	6 3/4 in.	Packer Depth	ft.	Size	in.				
Depth of Selective Zone Set											
Top Recorder Depth (Inside)	3,806 ft.	Recorder Number	11017	Cap.	3,800 psi						
Bottom Recorder Depth (Outside)	3,865 ft.	Recorder Number	11073	Cap.	4,000 psi						
Below Straddle Recorder Depth	ft.	Recorder Number		Cap.							
Drilling Contractor	LOBO Drilling - Rig 1	Drill Collar Length	--	I.D.	2 1/4 in.						
Mud Type	Chemical	Viscosity	45	Weight Pipe Length	450 ft.	I.D.	2 7/8 in.				
Weight	9.2	Water Loss	10.4 cc.	Drill Pipe Length	3,336 ft.	I.D.	3 1/4 in.				
Chlorides	8,000	P.P.M.		Test Tool Length	32 ft.	Tool Size	3 1/2-FH in.				
Jars: Make	Bowen	Serial Number	2	Anchor Length	50 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 blow. 1/2 in. building to 2 ins.										
	2nd Open: No blow. Flushed tool twice & received weak blow. Dead in 10 mins.										
Recovered	100 ft. of oil specked drilling mud = .74 bbls. (Grind out: 1%-oil; 99%-mud)										
Recovered	ft. of										
Recovered	ft. of										
Recovered	ft. of										
Recovered	ft. of										
Remarks	Tool was plugged through 2nd flow until 2nd flush.										

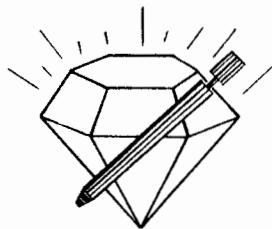
Time Set Packer(s)	4:20	XXXX P.M.	Time Started Off Bottom	7:20	XXXX P.M.	Maximum Temperature	108°
Initial Hydrostatic Pressure	(A)	1890	P.S.I.				
Initial Flow Period	Minutes	30	(B)	24	P.S.I. to (C)	30	P.S.I.
Initial Closed In Period	Minutes	60	(D)	711	P.S.I.		
Final Flow Period	Minutes	30	(E)	50	P.S.I. to (F)	54	P.S.I.
Final Closed In Period	Minutes	60	(G)	668	P.S.I.		
Final Hydrostatic Pressure	(H)	1876	P.S.I.				

REC 411017 INSIDE
LOC 3801'

OST R1 TICKET 06671

12 HR CLOCK #26253





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HOISINGTON, KANSAS 67544
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Company Balcron Oil Co. Lease & Well No. Spreier No. 2-30
Elevation N/A Formation Arbuckle Effective Pay -- Ft. Ticket No. J672
Date 1-11-90 Sec. 30 Twp. 16S Range 19W County Rush State Kansas
Test Approved By J. Copeland Landes Diamond Representative John Riedl

Formation Test No. 2 Interval Tested from 3,817 ft. to 3,872 ft. Total Depth 3,872 ft.

Packer Depth 3,812 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3,817 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3,800 ft. Recorder Number 11017 Cap. 3,800 psi

Bottom Recorder Depth (Outside) 3,869 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor LOBO Drilling - Rig 1 Drill Collar Length -- I.D. 2 1/4 in.

Mud Type Chemical Viscosity 45 Weight Pipe Length 450 ft. I.D. 2 7/8 in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3,335 ft. I.D. 3 1/4 in.

Chlorides 8,000 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2-FH in.

Jars: Make Bowen Serial Number 2 Anchor Length 55 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: Fair blow. Slow build to 3 ins.

2nd Open: Steady, weak blow. 1 in.

Recovered 90 ft. of oil cut mud = .666 bbls. (Grind out: 5%-oil; 95%-mud)

Recovered 60 ft. of watery mud = .444 bbls. (Grind out: 15%-water; 85%-mud) Chlorides: 9,000 Ppm

Recovered 150 ft. of TOTAL FLUID = 1.11 bbls.

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 5:15 ~~A.M.~~ ~~P.M.~~ Time Started Off Bottom 9:45 ~~A.M.~~ ~~P.M.~~ Maximum Temperature 115°

Initial Hydrostatic Pressure (A) 1890 P.S.I.

Initial Flow Period 30 Minutes (B) 46 P.S.I. to (C) 49 P.S.I.

Initial Closed In Period 60 Minutes (D) 763 P.S.I.

Final Flow Period 60 Minutes (E) 64 P.S.I. to (F) 70 P.S.I.

Final Closed In Period 120 Minutes (G) 741 P.S.I.

Final Hydrostatic Pressure (H) 1880 P.S.I.

RECH 11017 INSIDE
LOC 3800'

DSF #2 TIKET J0672 12HRCLOCK #36205

