COOK TESTING COMPANY

ENGINEERED FORMATION TESTING

Test ticket 1849

Customers order no.

Date 4-17-65

COMPANY Apache Corporation	Test Interval 4734' To 4800'
FIELD Wild Cat LOCATION	Drill stem test no 1 Copies required 5
LEASE Hileman Estate WELL # 1	Test Approved By M.B. Campbell
COUNTY Lea STATE New Mexico	
DIVISION New Mexico DISTRICT Hobbs	Tester Travis Webb
ADDRESS 2000 Wilco Building, Midland, Texas	Operator's Time Total Rental Time

TESTING TIME

First tool open flow period		hr.	03	min
Initial shut-in period		hr.	30	min.
Second tool open flow period	2	hr.	30	min.
Final shut-in period	1	hr.		min.

HOLE AND MUD DATA

Type Test Formation	Formation tested San Andres
Elevation	Total Depth 4800'
Depths measured from	
Main hole size 7-7/8	Rat hole size
Casing size 8-5/8	Liner size
Mud wt. water	Viscosity Type
Cushion type none	Amount ft Pressure p.s.i
Bottom choke size 5/8	Max. recorded temp. 108 F

TEST RECOVERY DATA

	Amount
Well Flowed No) 30' hvy oil ' slightly gas cut brackish water, 970' slightly	
Reversed out No)Gas cut brachash water trace of free oil	
Recovered Hvy O & slightly GCBW	30'
Slightly GCBW, trace of oil	970'
Blow Fair immediately, gradually decreasing	

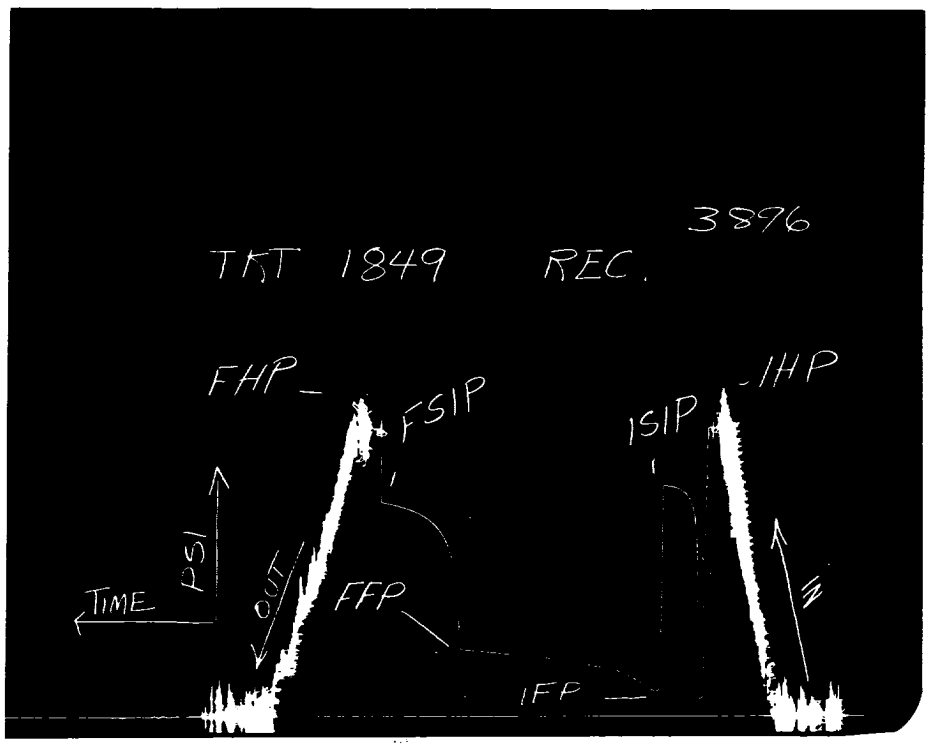
Test Description	Time	Pressure (psig)	Surf. choke
Opened Tool	12:50PM		3/8"hose
Closed Tool for initial shut-in	12:53		
Reopened Tool	1:23		
Closed Tool for final shut-in	3:53		

TOOL SEQUENCE DATA

Tool	Size-type-O.D.	Depth-length-I.D.
D.P.	4½"EX	4027'-16.60#
D.C.	"	705'-2-3/8
Shut in tool	5"	4708'
Ht. tool	"	4714'
Bowen jars	"	4720'
Bowen safety jt	"	4726'
Top pkr	6-5/8"	4728'
Bot pkr	"	4734'

Remarks

Gas surfaced in 1 hr 55 min. t.s.t.m.
Good blow to the end of test.

TITLE	Top Recorder No. 4407 Type AK-1 Depth 4794' Blanked off? Clock 4000 hr 24	Middle Rec. No. Type Depth Blanked off? Clock hr	Bottom Rec. No. 3896 Type AK-1 Depth 4797' Blanked off? Clock 3993 hr 12
I H P (Initial Hydrostatic Pressure)	p.s.i	p.s.i.	2149 p.s.i
I S I P (Initial Shut-in Pressure)	p.s.i	p.s.i.	1714 p.s.i
I F P (Initial Flow Pressure)	p.s.i	p.s.i	136 p.s.i
F F P (Final Flow Pressure)	p.s.i	p.s.i.	500 p.s.i
F S I P (Final Shut-in Pressure)	p.s.i	p.s.i.	1594 p.s.i
F H P (Final Hydrostatic Pressure)	p.s.i	p.s.i	2146 p.s.i

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