

DST



00220199

STATE

1-B

1

4552 - 4562

MILLER-CHRISTENSEN
COUGAR PETR. TRANSCONTINENTAL CO.

Lease Name

Well No.

Test No.

Tested Interval

Lease Owner/Company Name

Legal Location

SW 1/4

T 7N

R 52W

Field Area

WILD CAT

County

LOGAN

State

COLO.

FLUID SAMPLE DATA

Sampler Pressure 400 P.S.I.G. at Surface
 Recovery: Cu. Ft. Gas 0
 stly oil cut 100
 cc. Water 100
 cc. Mud 100
 Tot. Liquid cc. 100

RECEIVED
DEC 10 1981

Gravity * API @ * F.
 Gas/Oil Ratio cu. ft./bbl.

RESISTIVITY

CHLORIDE CONTENT

Recovery Water 2.60 @ 60 °F. 2500 ppm
 Recovery Mud @ °F. ppm
 Recovery Mud Filtrate @ °F. ppm
 Mud Pit Sample @ °F. ppm
 Mud Pit Sample Filtrate 3.86 @ 61 °F. 1800 ppm
 Mud Weight 9.8 vis 68 cp

Date 12-31-79 Ticket Number 531
 Kind of Job STRADDLE DST
 Tester D. SUTER Witness MR. MILLER
 Drilling Contractor GEAR DRILLING
 EQUIPMENT & HOLE DATA
 Formation Tested J SAND
 Elevation 4048 Ft.
 Net Productive Interval 10 Ft.
 All Depths Measured From KB
 Total Depth 4590 Ft.
 Main Hole Casing Size 7 7/8
 Drill Collar Length 210 I.D. 2.25
 Drill Pipe Length 4325 I.D. 3.826
 Packer Depth(s) 4546-4552-4562 Ft.
 Depth Tester Valve 4541 Ft.

TYPE AMOUNT CUSHION NONE Depth Back Pres. Valve NONE Surface Choke 3/8 Bottom Choke 3/4

Recovered 10 Feet of HVY OIL CUT MUD
 Recovered 120 Feet of VERY SLY OIL CUT MUD
 Recovered 60 Feet of STLY OIL CUT MUDDY WATER R.W. 2.40 @ 70° 2500 ppm
 Recovered Feet of
 Recovered Feet of

Remarks OPEN FOR 5 MIN INITIAL FLOW, WITH GAS TO SUR IN 4 MIN MAX GAS
 12 PSI ON 1 1/4 IN ORFICE 802 mcf. CLOSED FOR A 30 MIN ISIP. OPEN FOR
 A 60 MIN FINAL FLOW, STRONG BLOW MAX GAS 38 PSI ON 1 1/4 IN ORFICE
 1911 mcf. STARTED TO DECREASE AFTER 40 MIN TO 34 PSI (1764 mcf) IN 60
 MIN. CLOSED FOR 60 MIN FINAL SHUT IN.

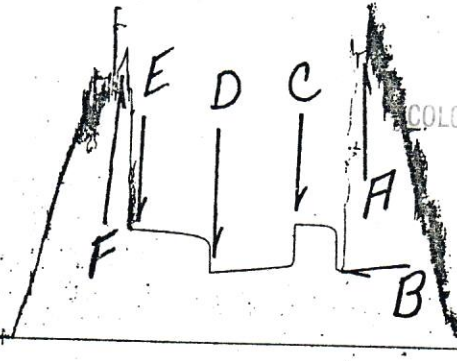
TEMPERATURE	Gauge No. 6850		Gauge No. 6852		TIME	
	Depth:	Ft.	Depth:	Ft.	Tool	XXX
Est. °F.	Blanked Off	Hour Clock	Blanked Off	Hour Clock	Opened 9:45	P.M.
Actual 120 °F.	Pressures	Pressures	Pressures	Pressures	Opened	XXX
	Field	Office	Field	Office	Bypass 12:20	P.M.
Initial Hydrostatic			2657	2713	Reported	Computed
First Period Flow			658	689	Minutes	Minutes
Initial			676	711		
Final			1119	1115		
Closed In			711	737		
Second Period Flow			622	649		
Initial			996	1036		
Final			2657	2691		
Closed In						
Final Hydrostatic						

PRODUCTION TE

A---I HYDRO---2715 psi
 B---I FLOW--- 689 "
 C---ISIP-----1115 "
 D---F FLOW---- 649 psi
 E---FSIP-----1036 "
 F---F HYDRO---2691 "

MILLER-CHRISTENSEN---COUGAR PETR.---TRANSCONTINENTAL OIL
 STATE 1-B---DST # 1---TICKET # 531 CORP.

BOTTOM CHART BLANKED OFF IN FLOW STREAM---GAUGE # 6850



RECEIVED

DEC 10 198

COLO. OIL & GAS COM. COMM.

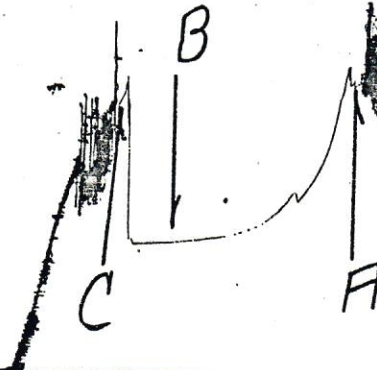
TIME

THESE ARE REPRODUCTIONS FROM DST CHARTS

A---I HYDRO---2720 psi
 B---BLEED OFF UNDER STRADDLE PACKER---1185 psi
 C---F HYDRO---2700 psi

MILLER-CHRISTENSEN---COUGAR PETR.---TRANSCONTINENTAL OIL
 STATE 1-B---DST # 1---TICKET # 531 CORP.

CHART BLANKED OFF UNDER STRADDLE PACKER---GAUGE # 6852



CMR
FAP
HMA
JPM
LEB
NLB
OWB

PRESSURE