

STATE

Lease Name

1-B

Well No.

2

Test No.

4508 - 4530

Tested Interval

COUGAR PETR. TRANSCONTINENTAL
MILLER-CHRISTENSEN
Lease Owner/Company NameLegal Location
Sec. 29 - T. 7N - R. 52W
SW 1/4Field Area
Mod. From Tester Valve
WILD CATCounty
LOGANState
COLO.

FLUID SAMPLE DATA

Sampler Pressure 50 P.S.I.G. at Surface
 Recovery: Cu. Ft. Gas 1250 **RECEIVED**
 cc. Oil 1250 **DEC 10 1981**
 cc. Water 1250
 cc. Mud 1250
 Tot. Liquid cc. 1250 **COLO. OIL & GAS CONS. CO.**
 Gravity 1.0 ° API @ 60 °F.
 Gas/Oil Ratio 1.0 cu. ft./bbl.
 RESISTIVITY 2.42 @ 50 °F. 3200 ppm
 CHLORIDE CONTENT
 Recovery Water 2.42 @ 50 °F. 3200 ppm
 Recovery Mud 1.0 @ 60 °F. 1800 ppm
 Recovery Mud Filtrate 1.0 @ 60 °F. 1800 ppm
 Mud Pit Sample 1.0 @ 60 °F. 1800 ppm
 Mud Pit Sample Filtrate 3.86 @ 61 °F. 1800 ppm
 Mud Weight 9.8 vis 68 cp

Date 12-31-79 Ticket Number 532
 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 ? 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 4285 I.D. 3.826
 Packer Depth(s) 4502-4508-4530 Ft.
 Depth Tester Valve 4497 Ft.

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

Recovered 120 Feet of OIL CUT MUD
 Recovered 60 Feet of OIL CUT WATER CUT MUD
 Recovered 248 Feet of STLY OIL CUT MUDDY WATER R.W. 2.42 @ 50° 3200 ppm
 Recovered Feet of
 Recovered Feet of

Remarks OPEN FOR A 5 MIN INITIAL FLOW WITH STRONG BLOW TO BOTTOM OF
 BUCKET IN 2 MIN WITH 2 1/4 LBS PSI. CLOSED FOR 30 MIN ISIP.
 OPEN FOR 60 MIN FINAL FLOW, WITH A STRONG BLOW TO 4 1/2 psi IN
 5 MIN. GAS TO SURF IN 25 MIN AT 14 PSI ON 3/8 ORFICE 79 mcf.
 STARTED TO DECREASE AFTER 35 MIN TO 0 ON A 3/8 ORFICE IN 60 MIN.
 CLOSED FOR 60 MIN FINAL SHUT IN.

TEMPERATURE	Gauge No. 6850		Gauge No. 5852		Gauge No. 4545		TIME	
	Depth:	Ft.	Depth:	Ft.	Depth:	Ft.	Tool	XXX
Est. °F.	Blanked Off		Blanked Off	YES	Blanked Off	YES	Opened	5:23 P.M.
Actual 120°F.	Pressures		Pressures		Pressures		Opened	XXX
	Field	Office	Field	Office	Field	Office	Bypass	7:58 P.M.
Initial Hydrostatic			2690	2681		2692	Reported	Computed
First Period Flow	Initial		231	237	BLEED OFF UNDER		Minutes	Minutes
	Final		195	182	STRADDLE PACKER		5	
	Closed in		1118	1167	1167	1185	30	
Second Period Flow	Initial		160	146				
	Final		195	216			60	
	Closed in		1084	1138			60	
Final Hydrostatic			2430	2520		2531		

PRODUCTIC



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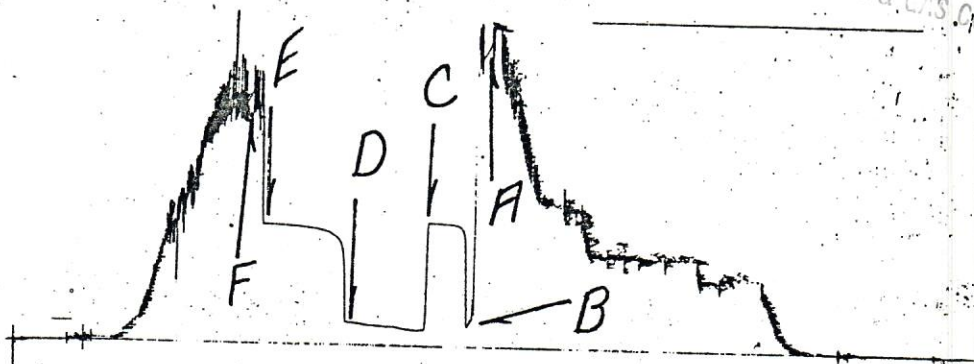
29-7N-58W

A---I HYDRO---2681 psi D---F FLOW---216 psi
 E---I FLOW---237 " E---FSIP---1138 "
 C---ISIP---1167 " F---F HYDRO-2520 "

MILLER-CHRISTENSEN---COUGAR PETR.---TRANSCONTINENTAL OIL
 STATE 1-B---DST # 2---TICKET # 532 CORP.

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

RECEIVED
 DEC 10 1951
 COLD OIL & GAS CONS. COMM.



← TIME →

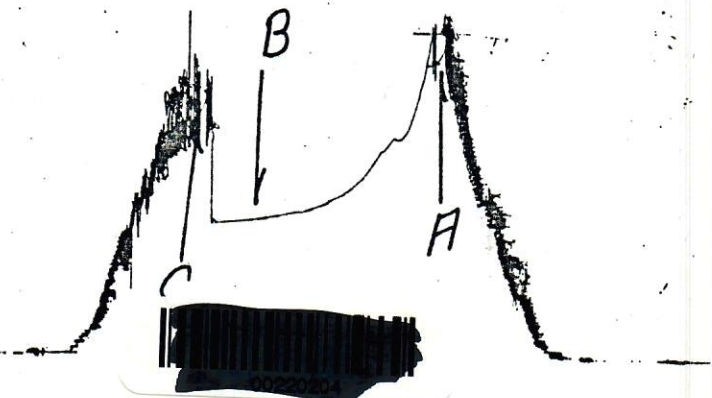
THESE ARE REPRODUCTIONS FROM DST CHARTS

PRESSURE

A---I HYDRO---2692 psi
 B---BLEED OFF UNDER STRADDLE PACKER---1185 psi
 C---F HYDRO---2531 psi

MILLER-CHRISTENSEN---COUGAR PETR.---TRANSCONTINENTAL OIL
 STATE 1-B---DST # 2---TICKET # 532 CORP.

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



DEC 10 1981

2 " ORFICE WELL TESTER

COLG. OIL & GAS CONS. COMM.

[illegible]

PRODUCTION TEST DATA