

BEFORE THE OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Exhibit No. 5

Case No. 8796

BERNARD-CATHER: LIFE LINE SERVICE
P.O. BOX 505, T43-2854
ARTERIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA

COMPANY: Texas Petro Products Corporation
LEASE: LITTLE BOX 14-10N
FIELD:
COUNTY: ETC.
STATUS: BOTTOM HOLE BUILT UP TEST

CONTACT: SIDIS KAF-101
WELL: 5
DATE: 03/07/84
STATE: NEW MEXICO
OPERATOR: BERNARD-CATHER

PERFORATIONS FROM: 8108.0'
ELEMENT DEPTH: 8130.0'

TO: 8131.0'
TEMPERATURE: 154.0°F

ELEMENT: PPOB-
CLOCK:
ELEMENT: PPOB-22749
CLOCK: 2257E

RANGE: 0.1517
RANGE: 0.005
RANGE: 5150.1517
RANGE: 50.175

SURFACE PRESSURE MEASUREMENTS

EVENT	DATE	TIME	DEAD WEIGHT PRESSURE
START CLOCK	03/07/84	14:15:00	2,123.0 DS19
SET ELEMENT	03/07/84	15:18:00	1,550.0 DS19
WELL SHUT IN	03/07/84	15:50:00	1,550.0 DS19
END OF TEST	03/09/84 ✓	15:22:00	2,012.0 DS19

SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	hrs	GAUGE PRESSURE DS19	ABSOLUTE PRESSURE DS19	RESERVOIR PRESSURE DS19
03/07/84	15:50:00	0.000	2,050.8	2,064.0	2,064.0
03/07/84	15:55:00	.058	2,055.1	2,408.8	2,408.8
03/07/84	16:00:00	.117	2,453.9	2,472.5	2,472.5
03/07/84	16:05:00	.150	2,462.1	2,475.8	2,475.8
03/07/84	16:10:00	.183	2,462.1	2,475.8	2,475.8
03/07/84	16:15:00	.217	2,462.1	2,475.8	2,475.8
03/07/84	16:20:00	.250	2,462.1	2,475.8	2,475.8
03/07/84	16:25:00	.283	2,462.1	2,475.8	2,475.8
03/07/84	16:30:00	.317	2,462.3	2,475.8	2,475.8
03/07/84	16:35:00	.350	2,462.6	2,475.8	2,475.8
03/07/84	16:40:00	.383	2,462.6	2,475.8	2,475.8
03/07/84	16:45:00	.417	2,462.8	2,475.8	2,475.8
03/07/84	16:50:00	.450	2,463.1	2,475.8	2,475.8
03/07/84	16:55:00	.483	2,463.4	2,475.8	2,475.8
03/07/84	17:00:00	.517	2,464.2	2,477.4	2,477.4
03/07/84	17:05:00	.550	2,465.1	2,478.8	2,478.8
03/07/84	17:10:00	.583	2,465.9	2,479.1	2,479.1
03/07/84	17:15:00	.617	2,466.7	2,479.8	2,479.8
03/07/84	17:20:00	.650	2,466.8	2,480.1	2,480.1
03/07/84	17:25:00	.683	2,467.0	2,480.3	2,480.3
03/07/84	17:30:00	.717	2,467.1	2,480.3	2,480.3
03/07/84	17:35:00	.750	2,467.2	2,480.4	2,480.4
03/07/84	17:40:00	.783	2,467.3	2,480.5	2,480.5

BENNETT-CATHEY WIRE LINE SERVICE
 PHONE (505) 749-3354
 ARTESIA, NEW MEXICO, 88210

PRESSURE TRANSIENT TEST DATA
 SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	T hrs	GAUGE PRESSURE psig	ABSOLUTE PRESSURE psia	RESERVOIR PRESSURE psia
03/07/84	19:20:00	3.500	2,467.4	2,480.5	2,480.5
03/07/84	19:35:00	3.750	2,467.5	2,480.7	2,480.7
03/07/84	19:50:00	4.000	2,467.6	2,480.8	2,480.8
03/07/84	20:05:00	4.250	2,467.7	2,480.9	2,480.9
03/07/84	20:20:00	4.500	2,467.8	2,481.0	2,481.0
03/07/84	20:35:00	4.750	2,467.9	2,481.1	2,481.1
03/07/84	20:50:00	5.000	2,468.0	2,481.2	2,481.2
03/07/84	21:05:00	5.250	2,468.1	2,481.3	2,481.3
03/07/84	21:20:00	5.500	2,468.3	2,481.5	2,481.5
03/07/84	21:35:00	5.750	2,468.5	2,481.7	2,481.7
03/07/84	21:50:00	6.000	2,468.6	2,481.8	2,481.8
03/07/84	22:05:00	6.250	2,468.8	2,482.0	2,482.0
03/07/84	22:20:00	6.500	2,469.0	2,482.2	2,482.2
03/07/84	22:35:00	6.750	2,469.1	2,482.3	2,482.3
03/07/84	22:50:00	7.000	2,469.3	2,482.5	2,482.5
03/07/84	23:05:00	7.250	2,469.4	2,482.6	2,482.6
03/07/84	23:20:00	7.500	2,469.5	2,482.8	2,482.8
03/07/84	23:35:00	7.750	2,469.8	2,483.0	2,483.0
03/07/84	23:50:00	8.000	2,469.9	2,483.1	2,483.1
03/08/84	00:05:00	8.250	2,470.1	2,483.3	2,483.3
03/08/84	00:20:00	8.500	2,470.3	2,483.5	2,483.5
03/08/84	00:35:00	8.750	2,470.4	2,483.6	2,483.6
03/08/84	00:50:00	9.000	2,470.6	2,483.8	2,483.8
03/08/84	01:05:00	9.250	2,470.8	2,484.0	2,484.0
03/08/84	01:20:00	9.500	2,470.9	2,484.1	2,484.1
03/08/84	01:35:00	9.750	2,471.1	2,484.3	2,484.3
03/08/84	01:50:00	10.000	2,471.2	2,484.4	2,484.4
03/08/84	02:05:00	10.500	2,471.6	2,484.8	2,484.8
03/08/84	02:30:00	11.000	2,471.9	2,485.1	2,485.1
03/08/84	03:00:00	11.500	2,472.2	2,485.4	2,485.4
03/08/84	03:30:00	12.000	2,472.5	2,485.7	2,485.7
03/08/84	04:00:00	12.500	2,472.9	2,486.1	2,486.1
03/08/84	04:30:00	13.000	2,473.3	2,486.5	2,486.5
03/08/84	05:00:00	13.500	2,473.6	2,486.8	2,486.8
03/08/84	05:30:00	14.000	2,474.0	2,487.2	2,487.2
03/08/84	06:00:00	14.500	2,474.4	2,487.6	2,487.6
03/08/84	06:30:00	15.000	2,474.8	2,488.0	2,488.0
03/08/84	07:00:00	15.500	2,475.5	2,488.7	2,488.7
03/08/84	08:00:00	17.000	2,476.9	2,489.8	2,489.8
03/08/84	09:00:00	18.000	2,476.9	2,490.1	2,490.1
03/08/84	10:00:00	19.000	2,477.2	2,490.4	2,490.4
03/08/84	11:00:00	20.000	2,477.5	2,490.7	2,490.7
03/08/84	12:00:00	22.000	2,478.2	2,491.4	2,491.4
03/08/84	13:00:00	24.000	2,478.5	2,491.7	2,491.7
03/08/84	17:00:00	26.000	2,478.8	2,492.0	2,492.0
03/08/84	19:50:00	26.000	2,479.2	2,492.4	2,492.4

BENNETT-CATHEY WIRE LINE SERVICE
PHONE (505) 749-9254
ARTESIA, NEW MEXICO, 85210

PRESSURE TRANSIENT TEST DATA

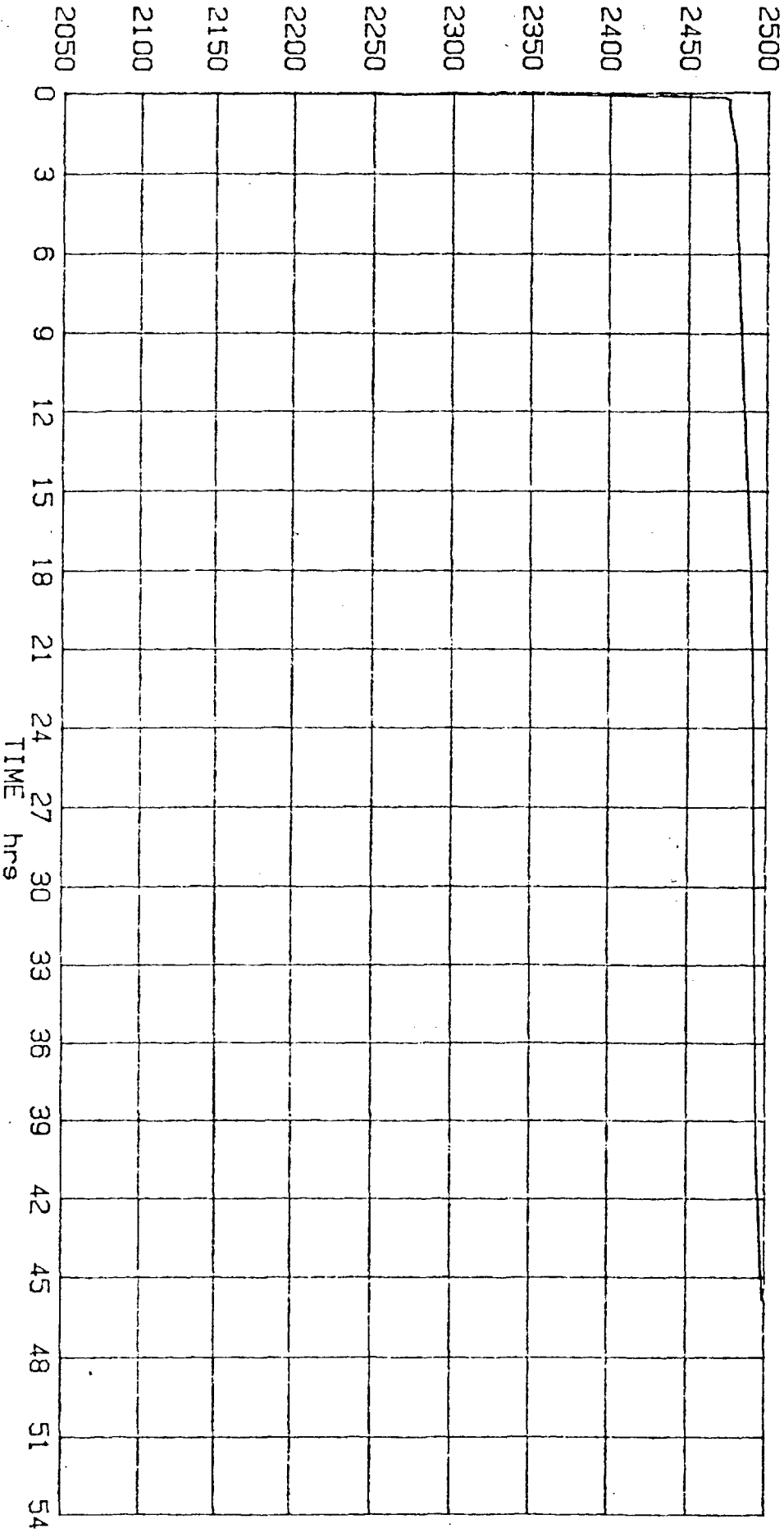
SUBSURFACE PRESSURE MEASUREMENTS

DATE	TIME	DEPTH FPS	GAUGE PRESSURE PSIG	ABSOLUTE PRESSURE PSIA	RESERVOIR PRESSURE PSIA
08/08/84	21:50:00	50.000	2,479.6	2,492.6	2,492.6
08/08/84	02:50:00	35.000	2,480.4	2,493.6	2,493.6
08/09/84	07:50:00	40.000	2,481.2	2,494.4	2,494.4
08/09/84	12:50:00	45.000	2,484.8	2,498.0	2,498.0
08/09/84	13:39:19	45.822	2,485.6	2,498.6	2,498.6

TEST DATE: 03/07/84 TO 03/09/84
TEST DEPTH: 8030 ft
ELEMENT NO: RPG3#22749
RANGE: 5150 psig
CLOCK: 28658
RANGE: 60 hrs
OPERATOR: BJ CATHEY

EDDIE MAFH000
Yates Petroleum Corporation
LITTLE BOX CANYON 5
BENNETT-CATHEY WIRE LINE SERVICE
Box 787 Artesia, N.M. 88210 (505) 748-3354

PRESSURE psia





BENNETT-CATHEY WIRE LINE SERVICE

P. O. BOX 787
ARTESIA, NEW MEXICO 88210
Phone (505) 746-3281



BOTTOM HOLE PRESSURE SURVEY REPORT

OPERATOR YATES PETROLEUM CORP.
LEASE LITTLE BOX CANYON
WELL NO. #5
POOL FORMATION
DATE 3-9-84 TIME 1522 HOUR
CO. MAN EDDIE MAHFOOD
STATUS SHUT IN TEST DEPTH 8030 FEET
TIME S.I. 1550 HR LAST TEST DATE 1ST TEST
3-7-84 BHP LAST TEST
TUB. PRES. 2025.2# BHP CHANGE
CAS. PRES. FLUID TOP
DATUM PLANE WATER TOP
DATUM PSIA 2497.2# RUN BY BO FAULKENBERRY
TEMP 154° CLOCK # B-3443
PRESSURE RANGE 5150 LBS.
ELEMENT NO. RPG3#22749

DEPTH	PSIA PRESSURE	GRADIENT
0	2025.2	
2000	2149.2	6.2
4000	2263.2	5.7
6000	2381.2	6.0
7880	2487.2	5.6
8030	2497.2	6.7

TIME B.H.P. MEASURED 1522 HOUR.
LENGTH OF TIME WELL SHUT IN 47 HR 28 MIN.

PERFORATIONS FROM 8069 TO 8131 FEET.

