ME-TEX SUPPLY COMPANY

(505) 397-7753 P. O. BOX 2070 HOBBS, NEW MEXICO 88241

June 6, 1989

RECEIVED

JUN 12 1989

OIL CONSERVATION DIV.
SANTA FE

Department of Energy and Minerals
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

ATTN: Mr. William J. LeMay

REF: Request for Administrative Approval for Downhole Commingling for Pan Cana Federal #1, Unit "N", Sec. 6, and Deck Federal #1, Unit "B", Sec. 18, both wells in T22S-R37E, Lea Co., NM, Drinkard Pool

Gentlemen:

A re-work program on these wells was performed during the end of 1987 and first of 1988. Inadvertently, the required Oil Commission forms were not filed due in part with the sickness and death of Martindale Petroleum's president, Mr. R.L. Summers. Me-Tex Supply Company is now the designated operator of these wells and is attempting to correct this error.

From the enclosed production curves can be seen a decline in production on both wells. For economic reasons it was decided to complete other horizons in these wells. A decline of 80 bbls/month of oil and of 2000 mcf/month of gas is noted on the Deck Federal #1 from December 1984 to December 1985. For the Pan Cana Federal #1, the decline is 30 bbls/month of oil and gas is fairly stable from December 1986 to December 1987. Enclosed are the treatment procedures for each well in the Blinebry on the Deck Federal #1 and the Blinebry and Tubb on the Pan Cana Federal #1.

The estimated bottom hole pressure for the Deck Federal #1 in the Drinkard is 316 psi and in the Blinebry is 316 psi. The estimated bottom hole pressure for the Pan Cana Federal #1 in the Drinkard is 112 psi, for the Tubb is 112 psi and for the Blinebry is 112 psi as determined by sonic fluid levels.

Enclosed are water sample analysis from the Drinkard on the Pan Cana Federal #1 on 12-2-88 and from the Marathon Oil Company J.W. Grizzell #1 from the Blinebry. The Marathon well is located in Unit "O" of 5-22-37. Also enclosed are sample analysis from the Deck Federal #1 of the commingled zones taken 5-26-89. There appears to be no problem with the water compatability from the zones.

For the allocation formula, the logs on each well were used and a criteria of porosity greater than 5% and water saturation less than 50% were established as being contributors to the production. On the Deck Federal #1, the net porosity feet in the Drinkard is 247.5. The Drinkard is perforated as follows: 6439-41, 6458-60, 6491-93, 6533-35, 6564-66, 6587-89, 6598-6600 with 4 holes each interval for a total of 28 holes. The top of the Drinkard is at 6429 (-3007).

The Blinebry has a net porosity feet of 94. The Blinebry is perforated as follows: 5460, 67, 71, 82, 5523, 27, 63, 65, 74, 5620, 26, 42, 48, 5727, 29, 32, 71, 73, 79, 5808, 10, 14, 16, 56, 5960, 76, 88. There are 2 holes each interval for a total of 54 holes. Some of the perforations are in zones that do not fit the criteria. The total porosity feet in both zones is 341.5. Based on percentage,the allocation for the Drinkard should be 247.5/341.5=72.5% and for the Blinebry 94/341.5=27.5%. The top of the Blinebry is at 5412 (-1985).

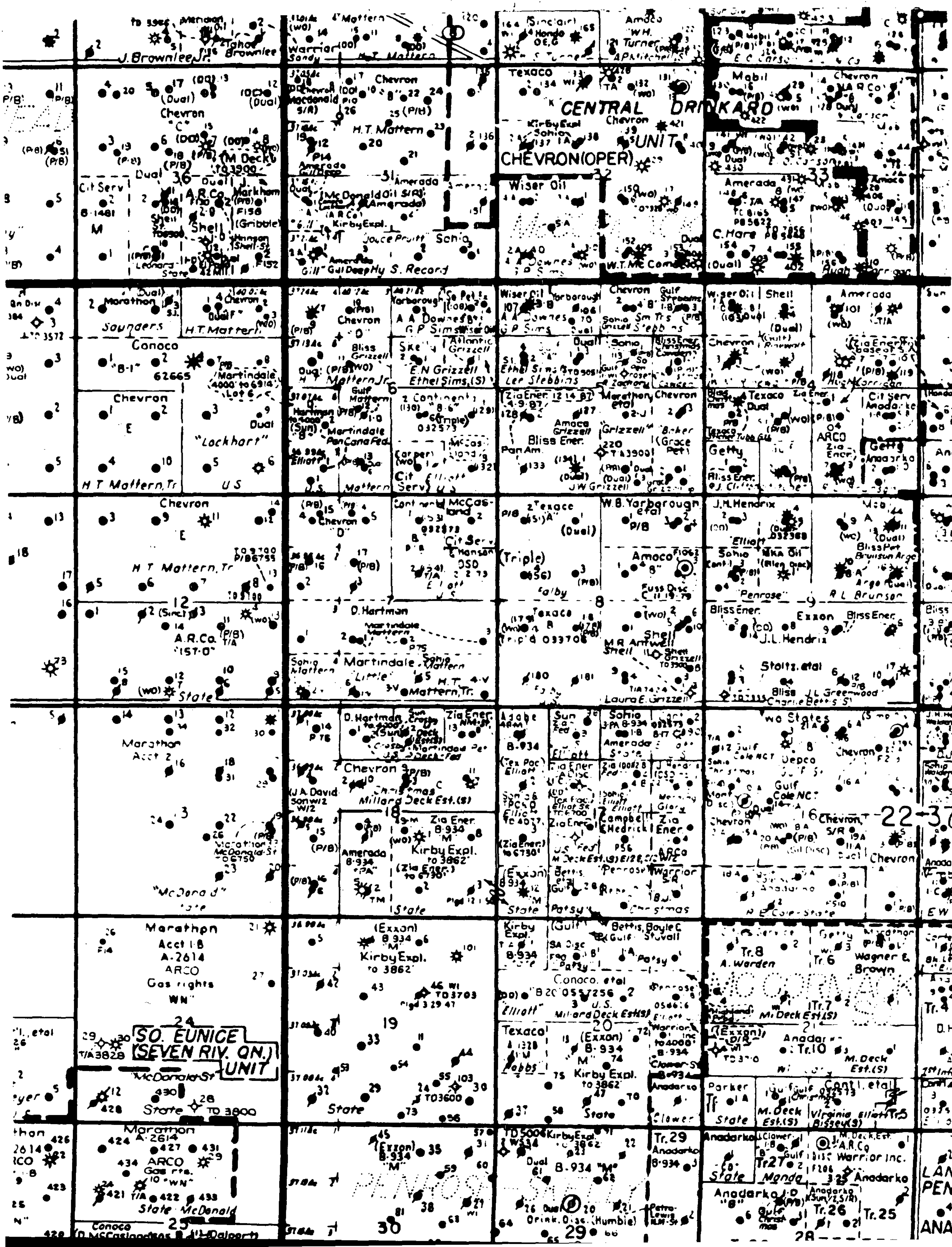
The Pan Cana Federal #1 has a net porosity feet of 112 in the Drinkard. The Drinkard is perforated at the following intervals: 6462-64, 6510-12, 6544-46, 6603-05, 6633-35, 6652-54 with 6 holes each interval for a total of 36 holes. The top of the Drinkard is at 6460 (-2993). The Tubb has a total net porosity feet of 67 and is perforated at following intervals: 6275, 76, 77, 6303, 05, 20, 21, 22, 67, 74, 83 with 2 holes each interval for 22 total holes. The top of Tubb is at 6160 (-2693). The Blinebry has a total net porosity feet of 74 and is perforated with 2 holes at each interval as follows: 5868, 87, 5900, 09, 17, 18, 19, 27, 36, 38 for a total of 20 holes. The top of the Blinebry is at 5708 (-2241). The total porosity feet in all intervals is 253. The allocation for the Drinkard would be 112/253=44%, for the Tubb 67/253=26% for the Blinebry 74/253=30%. Some of the perforations are in zones that do not fit the criteria and it is believed that these zones produce water. Enclosed are the logs from these two wells with porosity and water saturation on each zone on the log.

We appreciate your understanding and consideration in this matter.

Yours truly,

Mark Vereto
Vice-President

MV/cw
Encl: Plat, C-116, Water Analysis, Logs, Letters to Offset Operators and USGS, Treatment



J. Brownlee Jr.
Warrior
H.T. Mattern
Texaco
Chevron
CENTRAL DRINKARD UNIT
CHEVRON (OPER)
Mobil
Amerada
Wiser Oil
Cit Serv
A.R.Co.
Shell
Kirby Expl.
Sohio
Gulf
Marathon
Saunders
H.T. Mattern
Conoco
62665
Martindale
"Lockhart"
H T Mattern,Tr
U S
Bliss Ener.
Getty
ARCO
E.N Grizzell
Ethel Sims
Lee Stebbins
Amoco
Zia Ener.
W.B. Yarborough etal
J.H. Hendrix
Penrose
R L Brunson
12
8
9
State
D. Hartman
Martindale
Exxon
J.L. Hendrix
Stoltz, etal
Laura E. Grizzell
Two States
Millard Deck Est.(S)
Amerada
16
22-37
Marathon Acct 1-B
A-2614
ARCO
Gas rights
24
SO. EUNICE (SEVEN RIV. QN.) UNIT
McDonald St
State
Kirby Expl.
to 3862
19
20
Conoco. etal
Tr.8
Tr.6
Tr.7
Tr.10
M. Deck Est.(S)
Parker
Anadarko
Marathon A-2614
ARCO
State McDonald
25
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28
Tr.29
Tr.26
Tr.25

Unichem International

707 North Leech P.O.Box 1499

Hobbs, New Mexico 88240

Company : MARTINDALE PETROLEUM
Date : 12-02-1988
Location: PANCANA FEDERAL - HEATER TREATER (on 12-01-1988)

	Sample 1
Specific Gravity:	1.116
Total Dissolved Solids:	162260
pH:	6.56
IONIC STRENGTH:	3.110

CATIONS:		me/liter	mg/liter
Calcium	(Ca^{+2})	400	8000
Magnesium	(Mg^{+2})	152	1850
Sodium	(Na^{+1})	2270	52100
Iron (total)	(Fe^{+2})	0.344	9.60
Barium	(Ba^{+2})	0.013	0.900
ANIONS:			
Bicarbonate	(HCO_3^{-1})	2.00	122
Carbonate	(CO_3^{-2})	0	0
Hydroxide	(OH^{-1})	0	0
Sulfate	(SO_4^{-2})	24.5	1180
Chloride	(Cl^{-1})	2790	99000

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86°F	30°C	0.25	-5.9

Unichem International

707 North Leech P.O.Box 1499

Hobbs, New Mexico 88240

Company : Marathon Oil Company
Date : 04-08-1988
Location: J.W. Grizzell - Well #1; Middle Tank (on 03-28-1988)

	Sample 1
Specific Gravity:	1.051
Total Dissolved Solids:	71754
pH:	6.92
IONIC STRENGTH:	1.396

CATIONS:		me/liter	mg/liter
Calcium	(Ca^{+2})	113	2260
Magnesium	(Mg^{+2})	133	1610
Sodium	(Na^{+1})	993	22800
Iron (total)	(Fe^{+2})	0.870	24.3
Barium	(Ba^{+2})	0.002	0.150
Manganese	(Mn^{+2})	0.011	0.292
ANIONS:			
Bicarbonate	(HCO_3^{-1})	11.4	695
Carbonate	(CO_3^{-2})	0	0
Hydroxide	(OH^{-1})	0	0
Sulfate	(SO_4^{-2})	65.6	3150
Chloride	(Cl^{-1})	1160	41200

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86°F	30°C	0.42	-9.3

TELEPHONE: HOBBS 393-7751
AREA CODE - 505

KE-TONE®

UNITED CHEMICAL CORPORATION

OF NEW MEXICO
601 NORTH LEECH P. O. BOX 1499
HOBBS, NEW MEXICO 88240

Company Martindale Petroleum Corporation

Field Drinkard

Lease PANCANA FEDERAL #1

Sampling Date 6-26-78

Type of Sample Wellhead

WATER ANALYSIS

IONIC FORM	me/l *	mg/l *
Calcium (Ca++)	460.00	9,200
Magnesium (Mg++)	232.20	2,786
Sodium (Na+) (CALCULATED)	2,645.32	60,816
Iron (Total)		42
Barium		1.6
Bicarbonate (HCO_3)	4.20	256
Carbonate (CO_3)	Not	found
Hydroxide (OH-)	Not	found
Sulphate (SO_4)	27.32	1,312
Chloride (Cl-)	3,073.80	109,000
Total Dissolved Solids		183,370
6.8 pHC 68° F		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO_3	692.20	34,610
Carbonate Hardness as $CaCO_3$ (temporary)	4.20	210
Non-Carbonate Hardness as $CaCO_3$ (permanent)	688.00	34,400
Alkolinity as $CaCO_3$	4.20	210
Specific Gravity c 68° F 1.126		

MOORE BUSINESS FORMS INC

* mg/l = milligrams per Liter
* me/l = milliequivalents per Liter

$CaCO_3$ Scaling Index positive @ 86°F (0.81)

$CaSO_4$ Scaling Index negative (0.53)

Makes Water Work

Unichem International

707 North Leech P.O.Box 1499

Hobbs, New Mexico 88240

Company : METEX
Date : 05-26-1989
Location: Deck Federal - #1 - Wellhead (on 5-23-89)

	Sample 1
Specific Gravity:	1.103
Total Dissolved Solids:	144221
pH:	6.80
IONIC STRENGTH:	2.962

CATIONS:		me/liter	mg/liter
Calcium	(Ca^{+2})	364	7280
Magnesium	(Mg^{+2})	416	5050
Sodium	(Na^{+1})	1770	40800
Iron (total)	(Fe^{+2})	0.319	8.90
Barium	(Ba^{+2})	0.007	0.500
ANIONS:			
Bicarbonate	(HCO_3^{-1})	4.40	268
Carbonate	(CO_3^{-2})	0	0
Hydroxide	(OH^{-1})	0	0
Sulfate	(SO_4^{-2})	38.5	1850
Chloride	(Cl^{-1})	2510	89000

SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86°F	30°C	0.74	4.3

UNICHEM INTERNATIONAL

601 NORTH LEECH P.O.BOX1499

HOBBS, NEW MEXICO 88240

COMPANY : MARATHON
DATE : 3-16-83
FIELD,LEASE&WELL : BLINEBRY A
SAMPLING POINT: WELLHEAD
DATE SAMPLED : 3-16-83

SPECIFIC GRAVITY = 1.09
TOTAL DISSOLVED SOLIDS = 133804
PH = 6.07

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	200	4008
MAGNESIUM	(MG)+2	130	1580.
SODIUM	(NA),CALC.	1969.	45277.
ANIONS			
BICARBONATE	(HCO3)-1	12.4	756.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	87.4	4200
CHLORIDES	(CL)-1	2199.	77982
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		62.4
BARIUM	(BA)+2	NOT RUN	
MANGANESE	(MN)	NOT RUN	

SCALING INDEX	TEMP
	30C
	86F
CARBONATE INDEX	.061
CALCIUM CARBONATE SCALING	LIKELY
SULFATE INDEX	22.4
CALCIUM SULFATE SCALING	LIKELY

UNICHEM INTERNATIONAL

601 NORTH LEECH P.O.BOX1499

HOBBS, NEW MEXICO 88240

COMPANY : MARATHON
DATE : 3-16-83
FIELD,LEASE&WELL : BLINEBRY C
SAMPLING POINT: WELLHEAD
DATE SAMPLED : 3-16-83

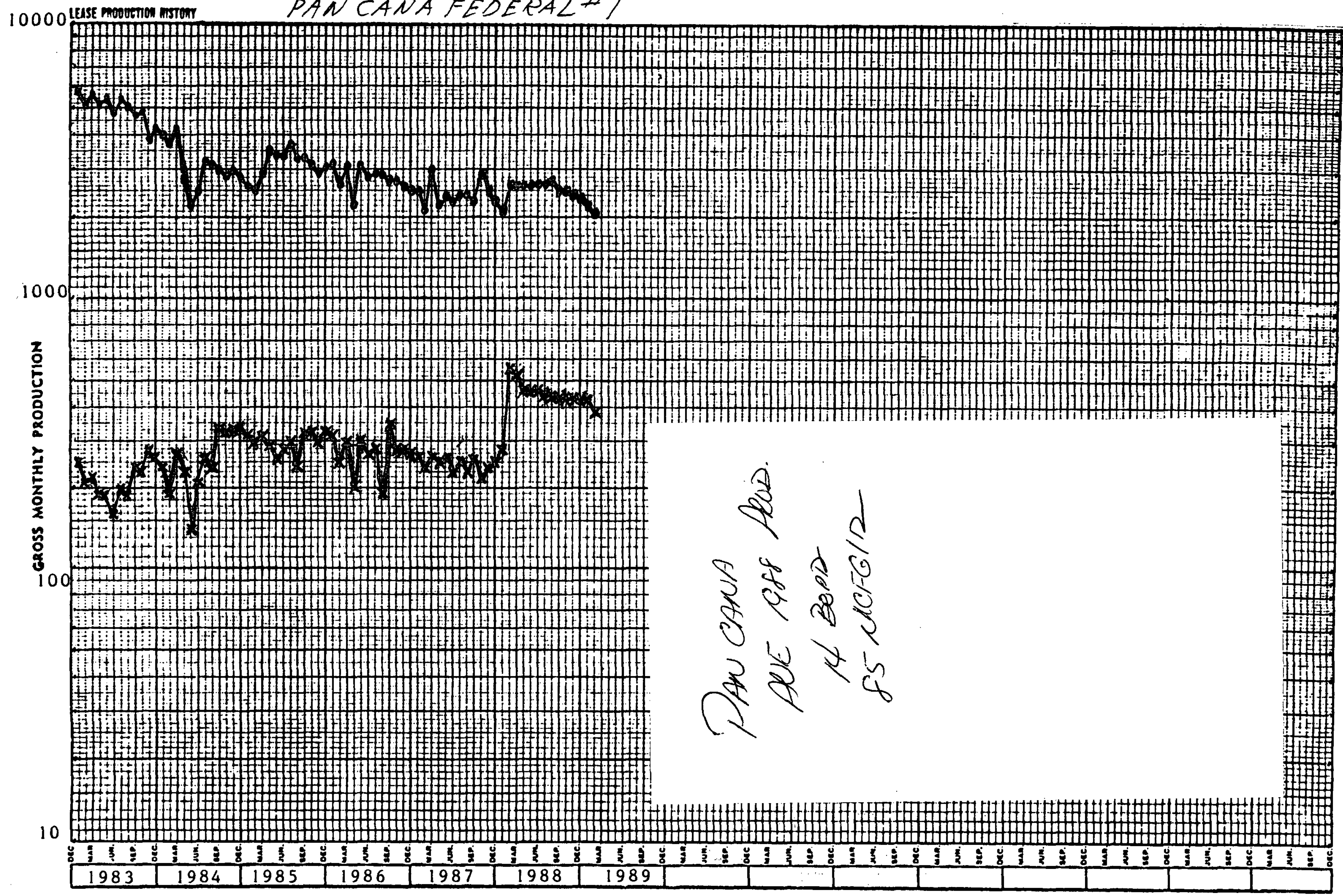
SPECIFIC GRAVITY = 1.104
TOTAL DISSOLVED SOLIDS = 154235
PH = 6.37

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	320	6412.
MAGNESIUM	(MG)+2	130	1580.
SODIUM	(NA),CALC.	2212.	50869.
ANIONS			
BICARBONATE	(HCO3)-1	8.8	536.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	59.4	2857.
CHLORIDES	(CL)-1	2594.	91979.
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		1.8
BARIUM	(BA)+2	NOT RUN	
MANGANESE	(MN)	NOT RUN	

SCALING INDEX	TEMP
	30C
	86F
CARBONATE INDEX	.561
CALCIUM CARBONATE SCALING	LIKELY
SULFATE INDEX	18.8
CALCIUM SULFATE SCALING	LIKELY

X-OIL-BBLS
o-GAS-MCF

PAN CANA FEDERAL #1



MARTINDALE PETROLEUM CORP. # 1 PANCANA FEDERAL
WELL RECOMPLETION IN TUBB & LOWER BLINEBRY

1/11/88 POH. w/ pump & rods, unseat tbg. anchor, install BOP. Rigged swab and made 2 swb. runs to be sure tbg. will swb. (hot oiled well the week before) POH w/ 2 3/8" tbg. RIH w/ 5 1/2" RBP & set at 6430'. Pump 1 sk. on top RBP, attempted to load hole and circ., loaded hole and caught pkr. w/ 155 bbls. 2% KCL wtr., psr. 250 psi. Hole did not circ. due to perfs above, spot 2 bbls. acid from 6388 to 6304'. Rig Schlumberger, cased hole perf w/ 4" steel carrier gun Hyper Jet II, 2JSPF as follows: 6275, 76, 77, 6303, 05, 20, 21, 22, 67, 74, & 83' (total 22 holes), RIH w/ 5 1/2" MD "R" 3 pkr. to 2356', SDFN at 5:00 pm.

1/12/88 FRIH. w/ pkr. on 2 3/8" tbg. to 6400' set pkr. and tested RBP., set at 6430' with 1000#, ok. Pulled pkr. to 6177 and set, broke down formation w/ spot acid of 500#, established rate 3.4 bpm @ 3500 psi, ISIP - 1300# to 0# in 5 min., rig swab, could not swab tbg. past 3100' due to paraffin, hot oiled tbg. and csg. and got swabbed to 4200', SDFN @ 5:30pm. Will con't. to clear tbg. by pulling tbg.

1/13/88 Unseated pkr. and POH. w/ 3000' of 2 3/8" tbg. hot oiled tbg. with 25 bbls. at 225 degree F. Rigged swab and RIH to S.N., made 2 swab runs, POH, layed down 5 1/2" MD. R 3 pkr. & RIH. w/ 5 1/2" Fullbore tension pkr. and set at 6177'. swabbed well dry w/ slight show of gas, acidized w/ 2500 gals. 15% NE-FE HCL acid, good ball action, and formation breaks, indication of zone communication. At ball out max. Psr 3100 psi, burst tbg, unseated pkr., POH w/ 2 3/8" tbg., found split jt. of tbg. at 2909', F.P.O.H., rig Sch. cased hole perforators. Ran P.D.C. log from 6422' to 5200', perf. with 4" steel carrier gun Hyper Jet II, 180 degree phasing, 2JSPF at following intervals: 5868', 87', 5900', 09',17',18',19',27',36',38' (total 20 holes) Rigged down Sch. SDFN at 7:00 pm. Prep to change out 2 3/8" tbg. string for 2 7/8" rental tbg. string for strength value and fracturing features. Lost to formation 325 bbls. 2% KCL water and 80 bbls. acid.

1/14/88 RIH. w/ 5 1/2" Model R-3 pkr. and 5 1/2" LOK-Set RBP. Set RBP at 6023'. Pulled pkr. and set at 5818'. Rigged swab, made 1 swb. run, fluid level at 4800' F.S., rig Western and acidized perfs. 5868 to 5938' w/ 2,500 gals. 15% NE-FE acid using R.C.N.B.S. out of zone

communication after 1,200 gals., con't treatment and balled out w/ max. psr. 4000#, ISIP.-vac., unseat pkr. RIH. and retrieved RBP, POH. w/ pkr. and RBP., RIH w/ 5 1/2" full bore tension pkr. and set at 5629' above all perfs. Prep frac perfs 5736' to 6383 using stages of rock salt as diverter.

1/15/88 SITP. - 400 psi, very good gas, RIH. w/ swb.,FL.@ 5000' Hung swb. in s.n. and pulled off swb. line, unseat pkr. and and POH. and recovered swab, last 10 stns. of tbg. filled w/ 100% oil, RHI w/ pkr. on 2 7/8" tbg. and set at 5630', fraced well w/ 60,000 gals. Min-Max II-40B and 77,000# 20/40 w/ 1000# Rock Salt Block average rate 24b/m at 5300# T.P. Good blk indications, ISIP - 1620 psi, 15 min- 1300 psi., shut well in for stablization at 1:30pm., est. 2,000 bbls. load to be recovered.

1/16/88 SITP. - 420 psi., swabbed total of 128 bbls. load wtr., last hr. swabbed 8.65 bbls. load wtr., w/ 5% oil w/fair gas. SDFN. at 5:30 p.m.

1/17/88 Shut down for Sunday.

1/18/88 SITP. 480#. Flowed 14.81 bbl. oil, 1 hr. Unseat pkr. POH. laying down 2 7/8" tbg. Tbg. unscrewed from s.n. leaving pkr.in hole. RIH. w/ 2 3/8" tbg., screw into sn.,packer stuck in hole. Rsvd. 40 bbls. 2% KCL down casing. Move packer 4', tbg. parted @ 50,000# @ 370'. RIH w/ 2 3/8" o.s. Unable to catch tbg. SDFN @ 6:00.

1/19/88 SITP. 100#. RIH w/ 4 11/16 o.s w/ 3/16" slips. Fish 2 3/8" tbg. POH. laying down 2350' corkscrewed 2 3/8" tbg. Lay down tension pkr. RIH w/ hydrostatic bailer on 2 7/8" tbg. Wash 40' sand from RBP. POH w/ RBP. Layed down 2 7/8" tbg. SDFN @ 6:00.

1/20/88 Rig Testers Inc. up & tested 2 3/8" tbg. @ 5000#. Tag frac sand @ 6698' (117' high) POH. prep to run hydrostatic bailer to remove sand in a.m. SDFN @ 5:00.

1/21/88 RIH. w/ Hydro-Static bailer, tag sand @ 6598', cln. out to 6703'. POH. w/ 2 3/8" tbg. and bailer. RIH. for production. SN. @ 6647.10' JT #214. Set tbg. anchor w/ 14 pts. tension. SDFN @ 6:00.

1/22/88 RIH. w/ 2"x1 1/2"x16 RWBC pump on 3/4" & 7/8" rods. Start pumping @ 9:00 am. RDPU.

ME-TEX SUPPLY COMPANY

(505) 397-7753 P. O. BOX 2070 HOBBS, NEW MEXICO 88241

April 26, 1989

Chevron
P.O. Box 670
Hobbs, NM 88240

RE: Administrative Approval for Downhole
Commingling in Pan Cana Federal #1
in SW/4SW/4 of S6-T22-R37

Gentlemen:

Me-Tex Supply Company has petitioned the Oil Conservation Commission for approval to downhole commingle the above well.

The well had reached an uneconomical point in the Drinkard and we have perforated the Tubb and lower Blinebry formations in hopes of increasing production.

This letter is just to let you know of our application.

Yours truly,

Mark Veteto
Vice-President

MV/cw

ME-TEX SUPPLY COMPANY

(505) 397-7753 P. O. BOX 2070 HOBBS, NEW MEXICO 88241

April 26, 1989

Conoco
P.O. Box 460
Hobbs, NM 88240

RE: Administrative Approval for Downhole Commingling in Pan Cana Federal #1 in SW/4SW/4 of S6-T22-R37

Gentlemen:

Me-Tex Supply Company has petitioned the Oil Conservation Commission for approval to downhole commingle the above well.

The well had reached an uneconomical point in the Drinkard and we have perforated the Tubb and lower Blinebry formations in hopes of increasing production.

This letter is just to let you know of our application.

Yours truly,

Mark Veteto
Vice-President

MV/cw

ME-TEX SUPPLY COMPANY

(505) 397-7753 P. O. BOX 2070 HOBBS, NEW MEXICO 88241

April 26, 1989

United States Geological Survey
P.O. Box 1157
Hobbs, NM 88240

RE: Administrative Approval for Downhole
Commingling in Pan Cana Federal #1
in SW/4SW/4 of S6-T22-R37

Gentlemen:

Me-Tex Supply Company has petitioned the Oil Conservation Commission for approval to downhole commingle the above well.

The well had reached an uneconomical point in the Drinkard and we have perforated the Tubb and lower Blinebry formations in hopes of increasing production.

This letter is just to let you know of our application.

Yours truly,

Mark Veteto
Vice-President

MV/cw

Schlumberger

SIDEWALL NEUTRON POROSITY LOG

COMPANY Martindale Petroleum Corporation

WELL #1 Pancana Federal

FIELD Drinkard

COUNTY Lea STATE New Mexico

LOCATION 660 fr SL + 990 fr WL

API SERIAL NO. | SEC. 6 | TWP 22S | RANGE 37E

Other Services: SNP. GR

COUNTY / FIELD / LOCATION / WELL / COMPANY

Permanent Datum: GL ; Elev. 3456.5

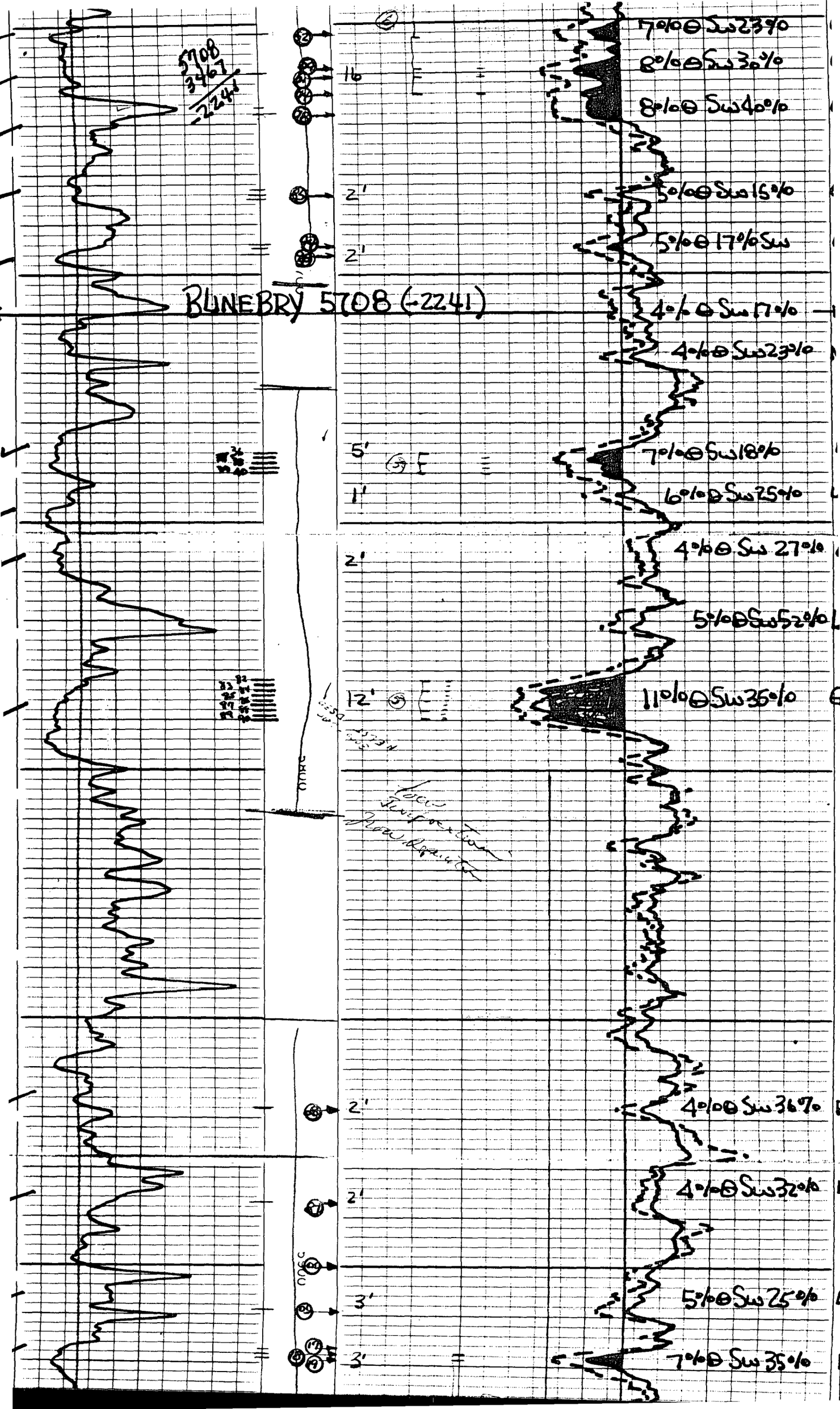
Log Measured From KB 10.5 Ft. Above Perm. Datum

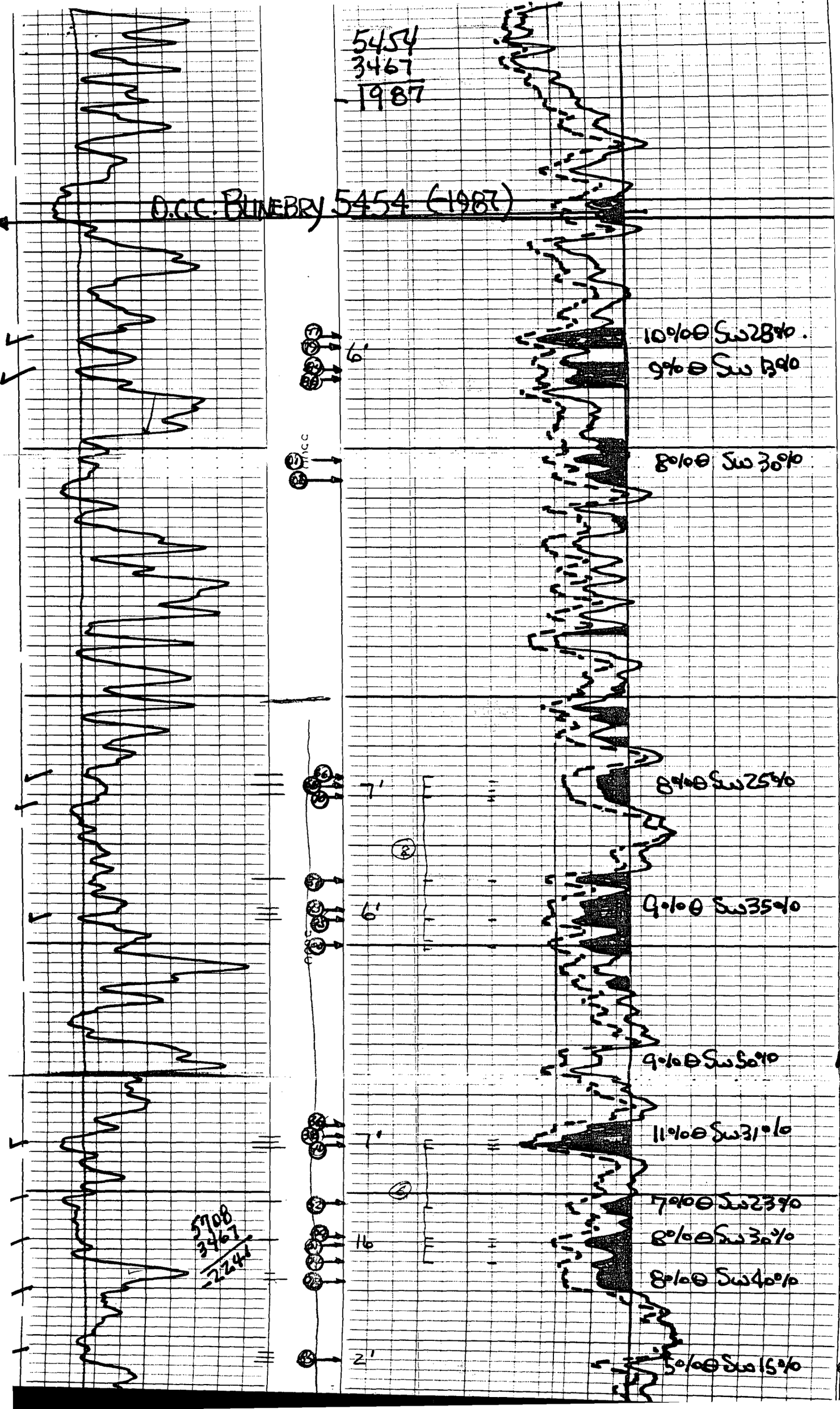
Drilling Measured From KB

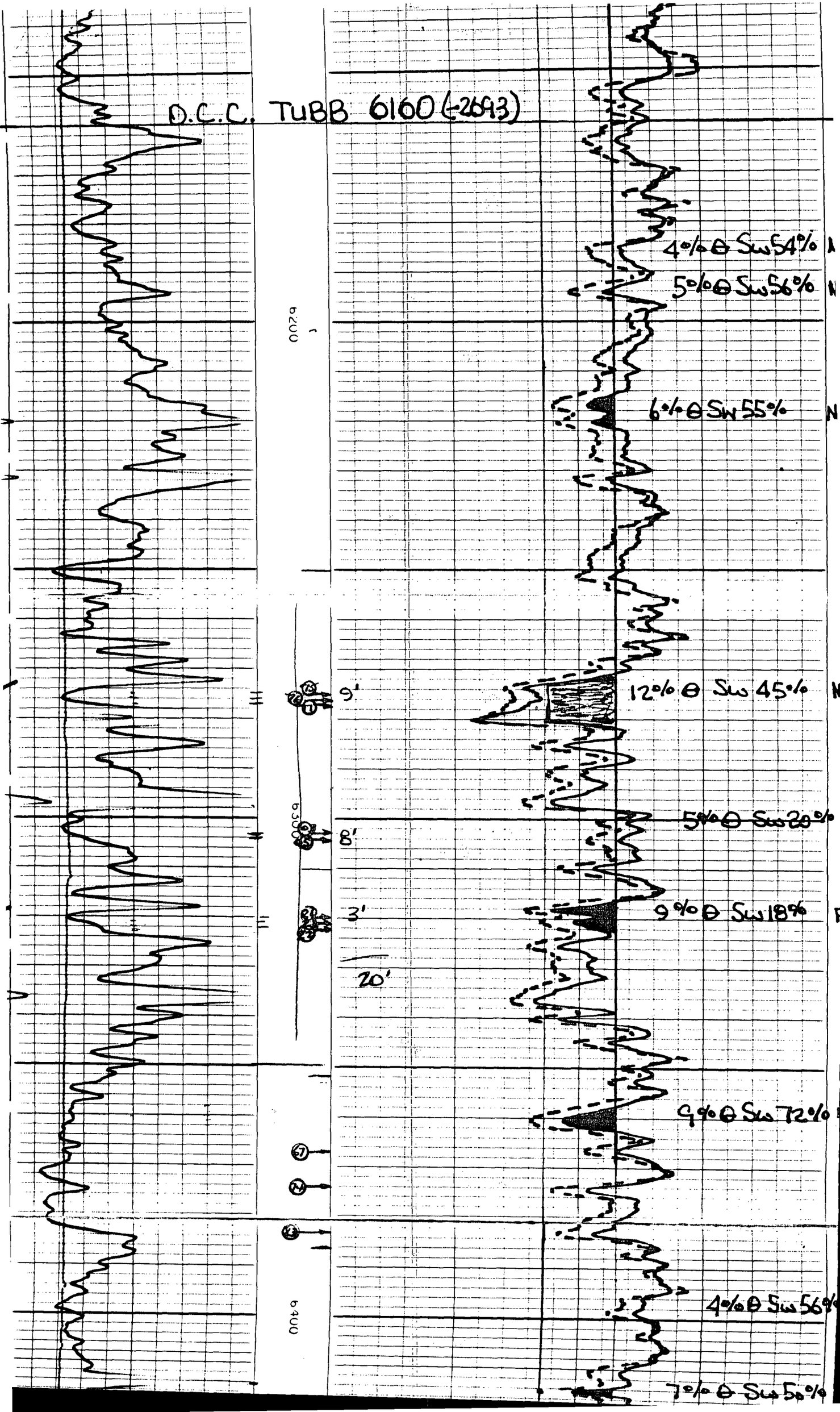
Elev.: K.B. 3467
D.F. 3466
G.L. 3456.5

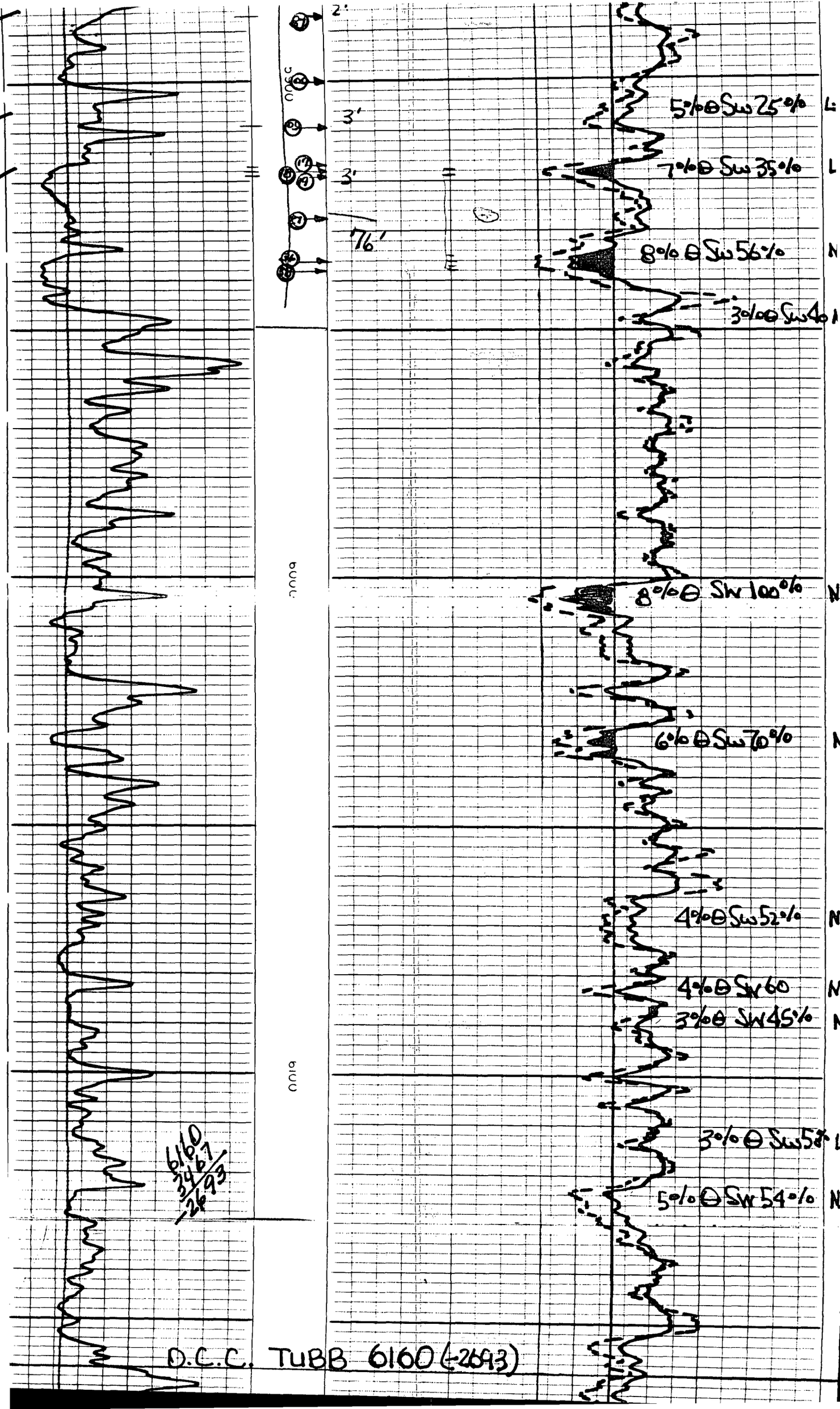
Date	[illegible] 76			
Run No.	[illegible]			
Depth—Driller	[illegible]			
Depth—Logger (Schl.)	6789			
Btm. Log Interval	6788			
Top Log Interval	1050			
Casing—Driller	[illegible] @ [illegible]	@	@	@
Casing—Logger	1079			
Bit Size	7 7/8			
Type Fluid in Hole	[illegible] mud			
Dens. | Visc.	10.[illegible] | 28			
pH | Fluid Loss	6.5 | 10 ml	ml	ml	ml
Source of Sample	P.[illegible]			
Rm @ Meas. Temp.	.043 @ 64 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.030 @ 71 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | —			
Rm @ BHT	.027 @ 108 °F	@ °F	@ °F	@ °F
Circulation Stopped	1300	12-5-76		
Logger on Bottom	2030			
Max. Rec. Temp.	108 °F	°F	°F	
Equip. | Location	7[illegible] | Hobbs			
Recorded By	M[illegible]			
Witnessed By Mr.	[illegible]			

FIELD PRINT

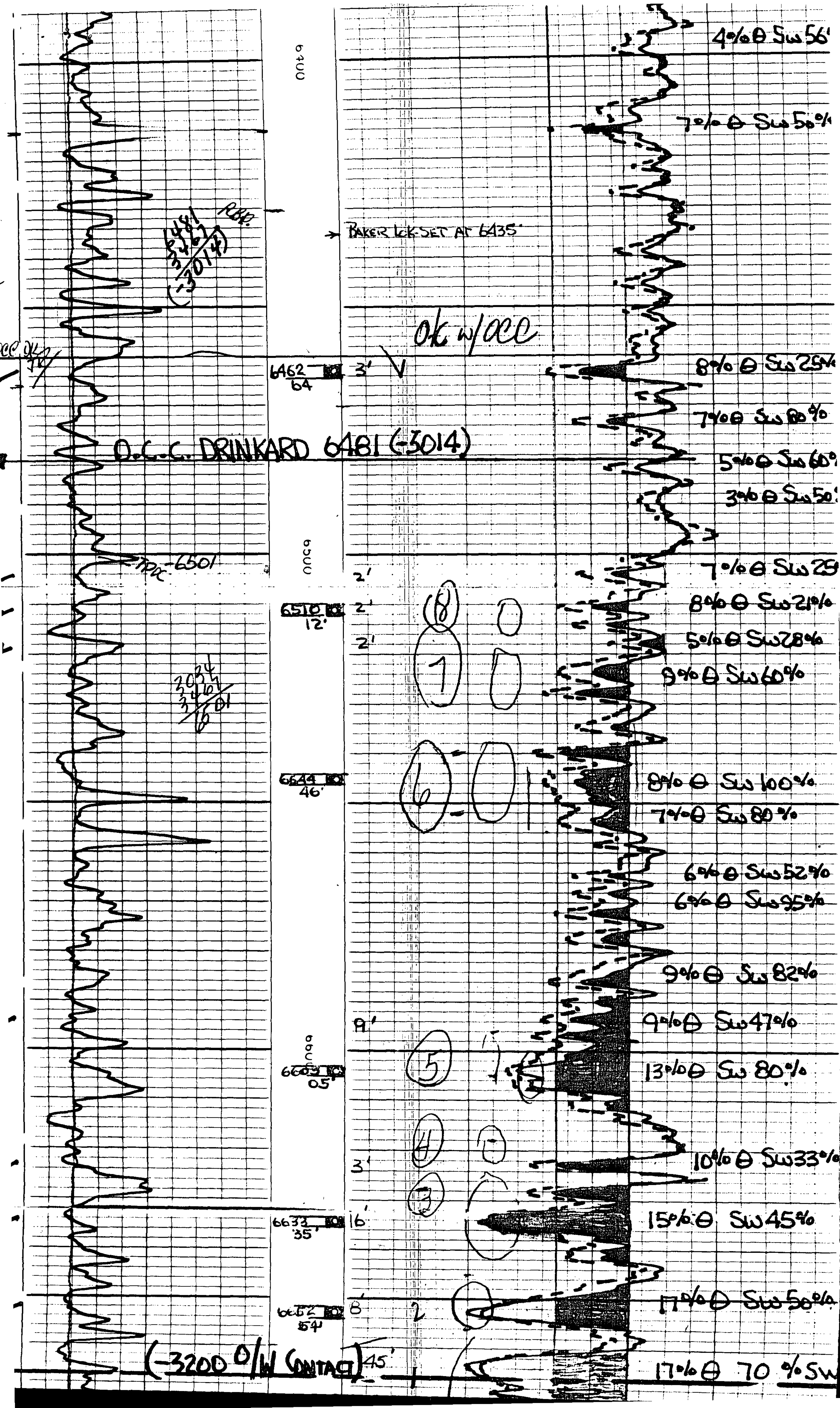

5708
3467
-2241
BUNEBRY 5708 (-2241)
7%⊖ Sw 23%
8%⊖ Sw 30%
8%⊖ Sw 40%
5%⊖ Sw 15%
5%⊖ 17% Sw
4%⊖ Sw 17%
4%⊖ Sw 23%
7%⊖ Sw 18%
6%⊖ Sw 25%
4%⊖ Sw 27%
5%⊖ Sw 52%
11%⊖ Sw 35%
4%⊖ Sw 36%
4%⊖ Sw 32%
5%⊖ Sw 25%
7%⊖ Sw 35%

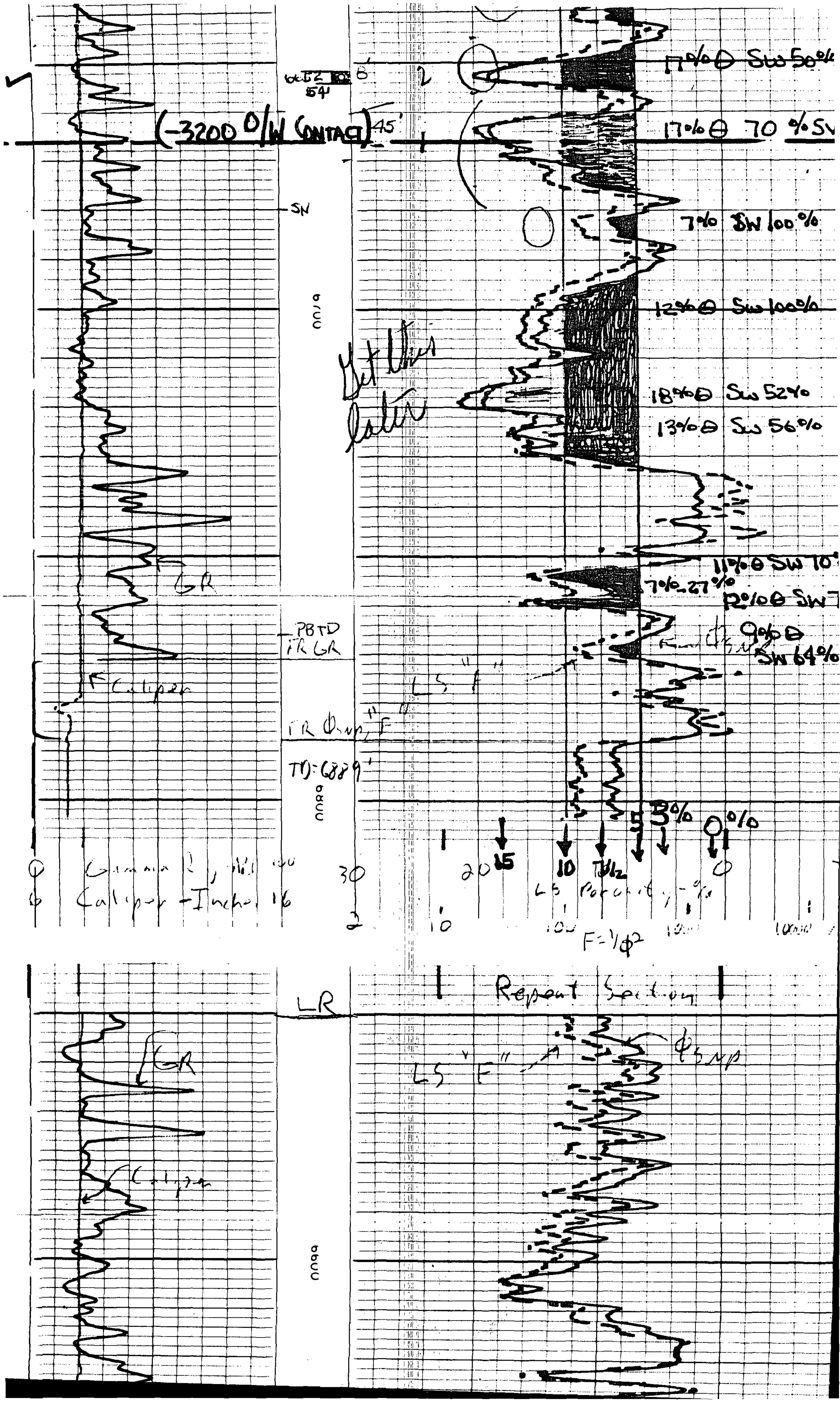

5454
3467
1987
O.C.C. BLINEBRY 5454 (1987)
6'
10%θ Sw28%
9%θ Sw 34%
8%θ Sw 30%
7'
8%θ Sw25%
6'
9%θ Sw35%
9%θ Sw 50%
7'
11%θ Sw31%
7%θ Sw23%
16
8%θ Sw30%
8%θ Sw40%
2'
5%θ Sw15%
5708
3467
2241


D.C.C. TuBB 6160 (-2693)
6200
6300
6400
4% θ Sw 54%
5% θ Sw 56%
6% θ Sw 55%
12% θ Sw 45%
9'
5% θ Sw 20%
8'
9% θ Sw 18%
3'
20'
9% θ Sw 12%
4% θ Sw 56%
7% θ Sw 50%



D.C.C. TUBB 6160 (-2693)


6400
4% θ Sw 56'
7% θ Sw 50%
6481 RBD 3467 (-3014)
BAKER LOK-SET AT 6435'
OK w/OCC
6462 64 3'
8% θ Sw 25%
7% θ Sw 80%
O.C.C. DRINKARD 6481 (-3014)
5% θ Sw 60%
3% θ Sw 50
TDC 6501
6500
7% θ Sw 25
6510 12' 2'
8% θ Sw 21%
5% θ Sw 28%
8% θ Sw 60%
6644 46'
8% θ Sw 100%
7% θ Sw 80%
6% θ Sw 52%
6% θ Sw 95%
9% θ Sw 82%
9% θ Sw 47%
6600
6603 05'
13% θ Sw 80%
10% θ Sw 33%
6633 35' 16'
15% θ Sw 45%
6652 54' 8'
17% θ Sw 50%
(-3200 O/W CONTACT) 45'
17% θ 70% Sw


(-3200 O/W CONTACT)
17% Ø Sw 50%
17% Ø 70 % Sw
SN
7% SW 100%
12% Ø Sw 100%
Get this later
18% Ø Sw 52%
13% Ø Sw 56%
GR
11% Ø SW 10
7%-27%
12% Ø SW
PBTD
FR GR
9% Ø
Sw 64%
F Caliper
LS "F"
FR Ø snp "F"
TD=6889'
3% 0%
20 15 10 7 1/2 5 0
Gamma Ray
Caliper - Inches 16
LS Porosity - %
F=1/Ø²
Repeat Section
LR
GR
LS "F"
Ø snp
Caliper

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

6-14-89

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RECEIVED
JUN 15 1989
OIL CONSERVATION DIV.
SANTA FE

RE: Proposed:
MC_____
DHC X
NSL_____
NSP_____
SWD_____
WFX_____
PMX_____

Gentlemen:

I have examined the application for the: Deck Federal #1-B 18-22-37

Me-Tex Supply Co. Pancana Federal #1-M 6-22-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed