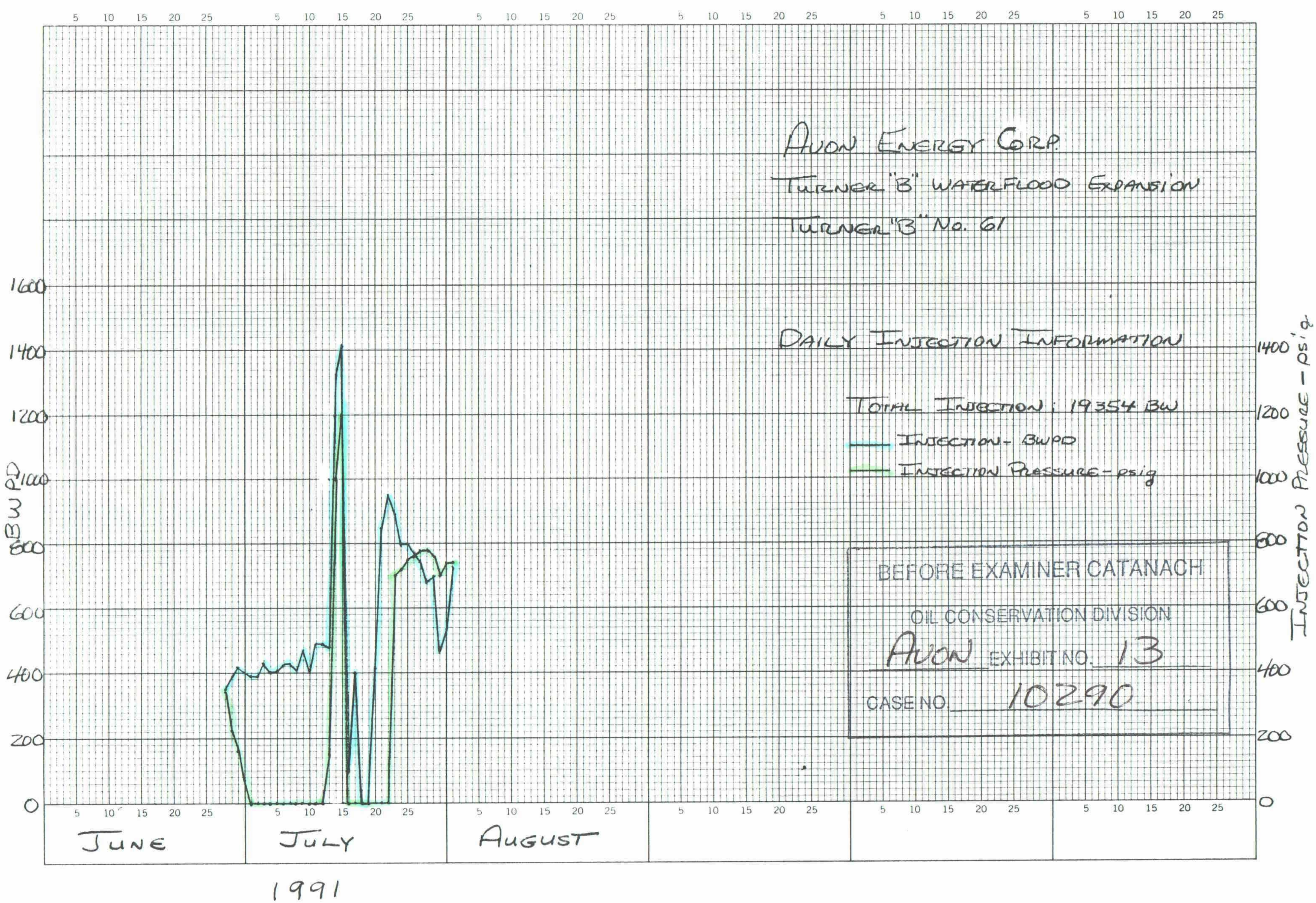
K+E 6 MONTHS BY DAYS X 120 DIVISIONS
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 2610



ENERGY AND MINERALS DEPARTMENT

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

BEFORE EXAMINER
OIL CONSERVATION DIVISION
Avon EXHIBIT NO. 15
CASE NO. 10290

Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: [X] Secondary Recovery [ ] Pressure Maintenance [ ] Disposal [ ] Storage
Application qualifies for administrative approval? [ ] yes [X] no

II. Operator: AVON ENERGY CORPORATION

Address: 415 W. WALL, SUITE 1810, MIDLAND, TEXAS 79701

Contact party: PERRY L. HUGHES Phone: (915)685-3343

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? [X] yes [ ] no
If yes, give the Division order number authorizing the project R-3528.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: PERRY L. HUGHES Title CONSULTANT

Signature: Perry L. Hughes Date: AUGUST 8, 1991

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

INJECTION WELL DATA SHEET

AVON ENERGY CORPORATION — Turner "B"
OPERATOR — LEASE

SEE ATTACHED SHEET
WELL NO. — FOOTAGE LOCATION — SECTION — TOWNSHIP — RANGE

Schematic

Tabular Data

Surface Casing

Size ________" Cemented with ________sx.

TOC ________ feet determined by ________

Hole size ________

Intermediate Casing

Size ________" Cemented with ________sx.

TOC ________ feet determined by ________

Hole size ________

Long string

Size ________" Cemented with ________sx.

TOC ________ feet determined by ________

Hole size ________

Total depth ________

Injection interval

________ feet to ________ feet
(perforated or open-hole, indicate which)

Tubing size 2 3/8" lined with SALTA OR EQUIVALENT (material) set in a BAKER AD 1 TENSION OR EQUIVALENT (brand and model) packer at ______ feet (or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation GRAYBURG - SAN ANDRES

2. Name of Field or Pool (if applicable) GRAYBURG JACKSON

3. Is this a new well drilled for injection? [ ] Yes [X] No

   If no, for what purpose was the well originally drilled? PRODUCING OIL WELL

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) ______

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

   OVERLYING - 7 RIVERS

   UNDERLYING - UNKNOWN

AVON ENERGY CORPORATION
TURNER "B" LEASE WATERFLOOD EXPANSION
INJECTION WELL INFORMATION

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
44	660'FSL & 2055'FWL	20	17S	31E
46	660'FSL & 760'FEL	20	17S	31E
47	560'FNL & 1980'FEL	29	17S	31E
50	660'FNL & 660'FWL	29	17S	31E
54	1980'FNL & 1980'FWL	29	17S	31E
55	1980'FNL & 660'FEL	29	17S	31E
56	1980'FSL & 1980'FEL	30	17S	31E
61	1980'FSL & 1980'FEL	29	17S	31E
64	1980'FSL & 660'FWL	29	17S	31E
66	660'FSL & 1980'FWL	29	17S	31E
68	660'FSL & 660'FEL	29	17S	31E
76	660'FSL & 660'FEL	30	17S	31E

ADDITIONAL C-108 INFORMATION

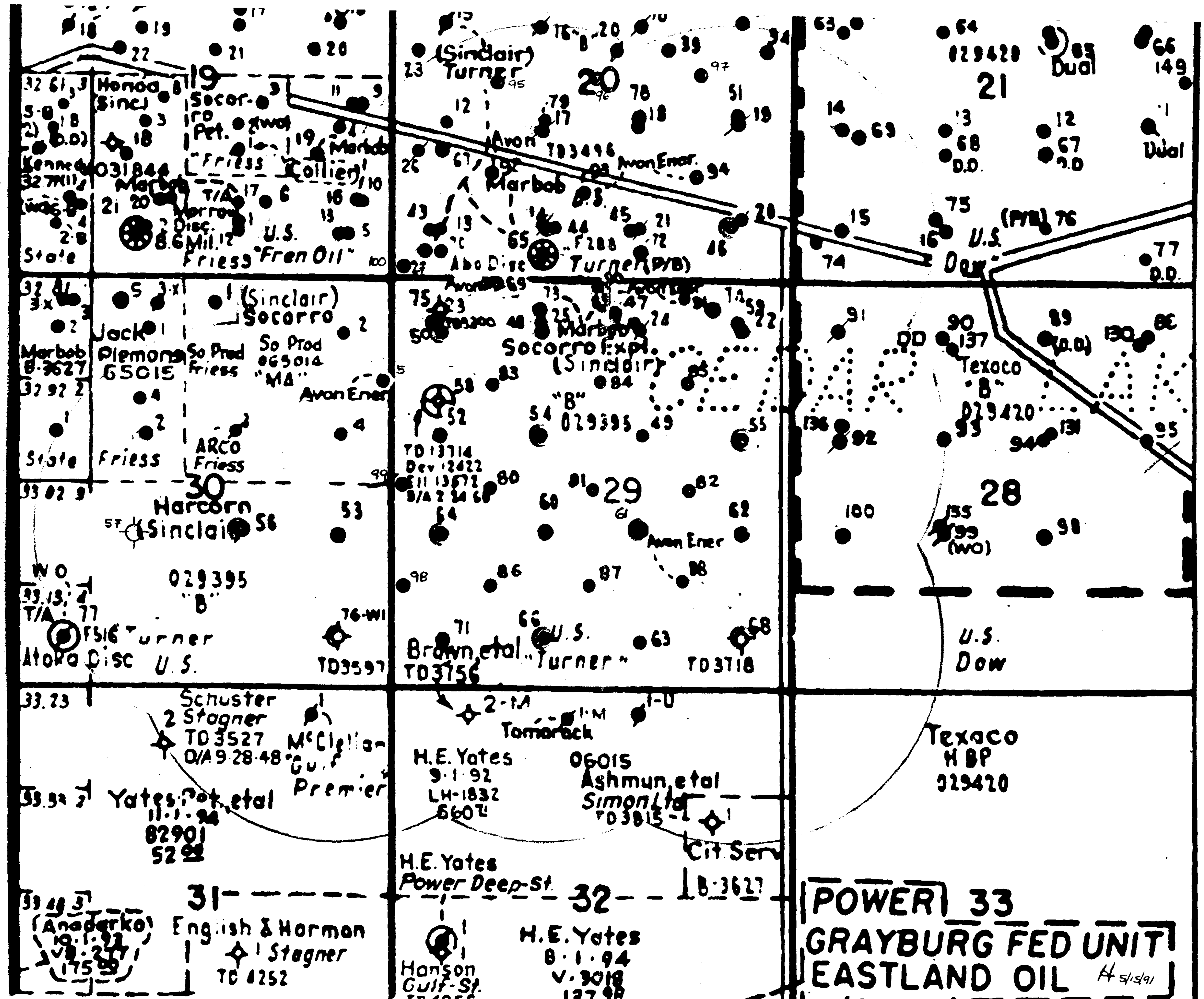
Proposed Average Daily Injection Rate Per Well: 400 BWPD
Proposed Maximum Daily Injection Rate Per Well: 500 BWPD

Injection System is Closed

Proposed Average Daily Injection Rate Per Well: 1500 PSIG
Proposed Maximum Daily Injection Rate Per Well: 1650 PSIG

Fluid to be injected is produced water with fresh water as make up. Compatibility tests have been run at various ratios of produced and fresh water with no problems indicated.

The wells will be completed such that control can be achieved as to the volume of injected fluids into a particular perforated section. This will be done mechanically utilizing multiple tubing strings, multiple packers, flow/injection regulators, etc.


19
20
21
30
29
28
31
32
(Sinclair) Turner
Honda Sinc
Socorro Pet.
Friess Collier
Marbob
Avon TD3496
Avon Ener.
Marbob B.S.
U.S. Fren Oil
Friess
Abo Disc
Turner (P/B)
U.S. Dow
Texaco "B" 029420
Dual
State
Jack Plemons 65015
So Prod Friess
So Prod 065014 "MA"
(Sinclair) Socorro
Socorro Expl. (Sinclair)
"B" 029395
Avon Ener
Marbob B-3627
ARCO Friess
TD 13714
Harcorn (Sinclair)
029395 "B"
Turner U.S.
Atoka Disc
TD3597
Brown, etal "Turner"
TD3756
U.S.
TD3718
U.S. Dow
Schuster 2 Stagner TD3527 D/A 9-28-48
McClellan Gulf Premier
Tamarack
H.E. Yates 9-1-92 LH-1832
06015 Ashmun, etal Simon Ltd TD3815
Texaco HBP 029420
Yates Pet. etal 11-1-94 82901
Cit Serv B-3627
H.E. Yates Power Deep-St
English & Harmon 1 Stagner TD 4252
(Anadarko) 10-1-92
Hanson Gulf-St
H.E. Yates 8-1-94 V-3018
POWER 33
GRAYBURG FED UNIT
EASTLAND OIL

SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO ____ OF ____

BY AL DATE 5/10/91

SKELLY

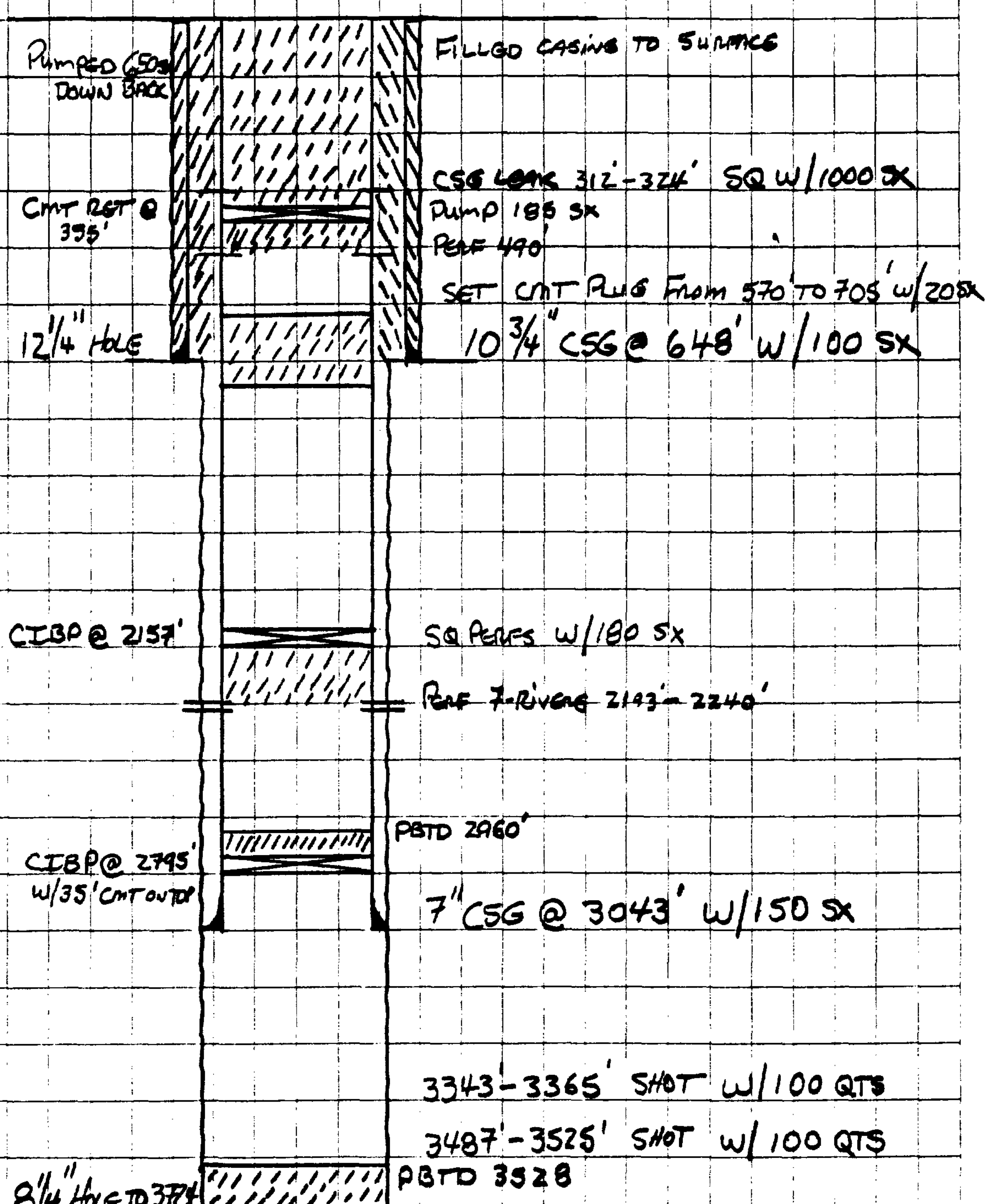
TEXACO

DOW "B" #11 SKELLY UNIT # 91

660' FWL & 660' FNL (D) SEC 28 T17S R31E

COMPLETED 11/46

P&A 5/90



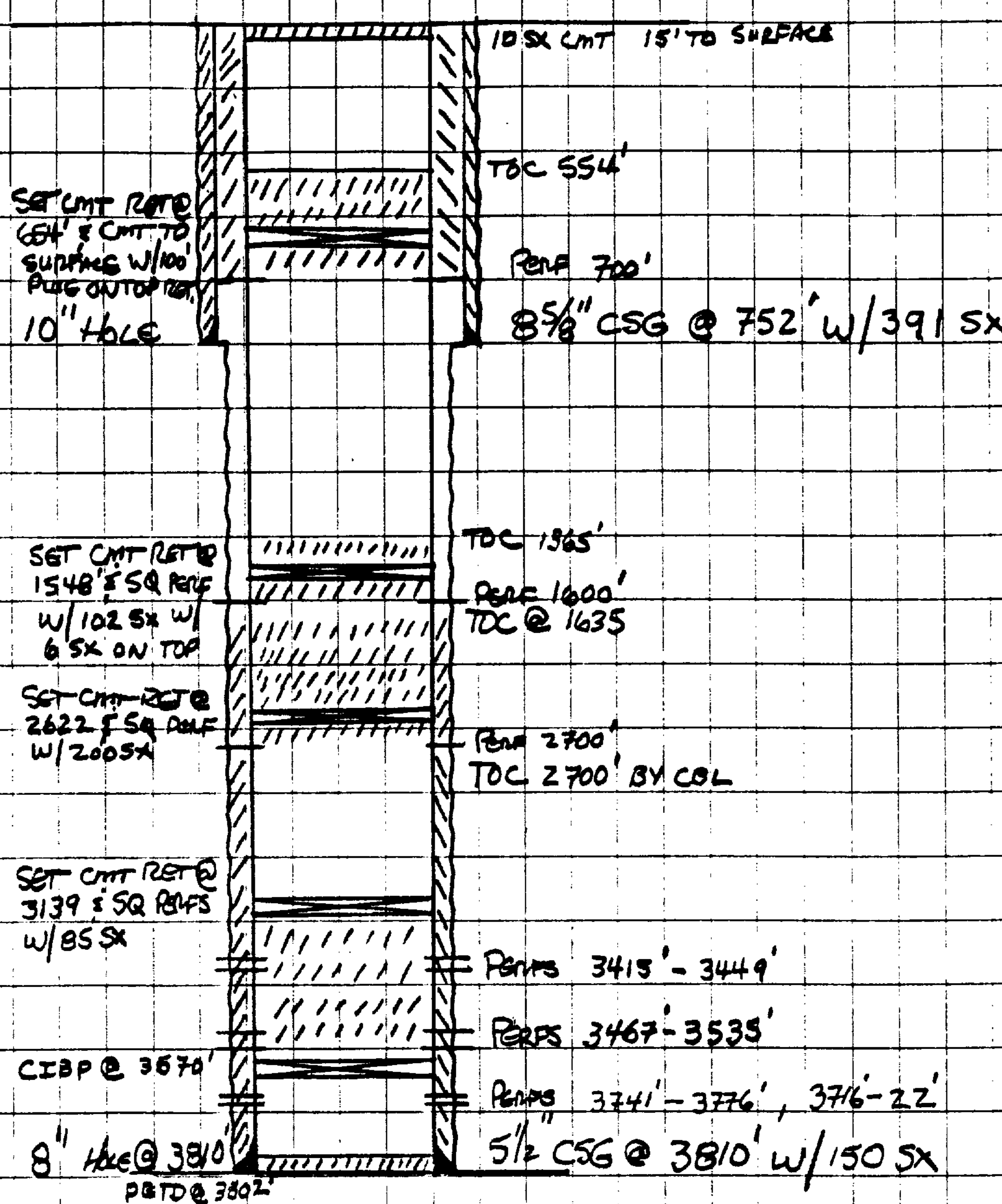
SUBJECT ____________

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO ______ OF ______

BY H DATE 5/10/91

Socony Mobil Oil Co.
Arco
New Mexico "U" #1
1980' FEL 330' FNL (B) Sec 32 17S 31E
Completed 1/60
P & A 8/79



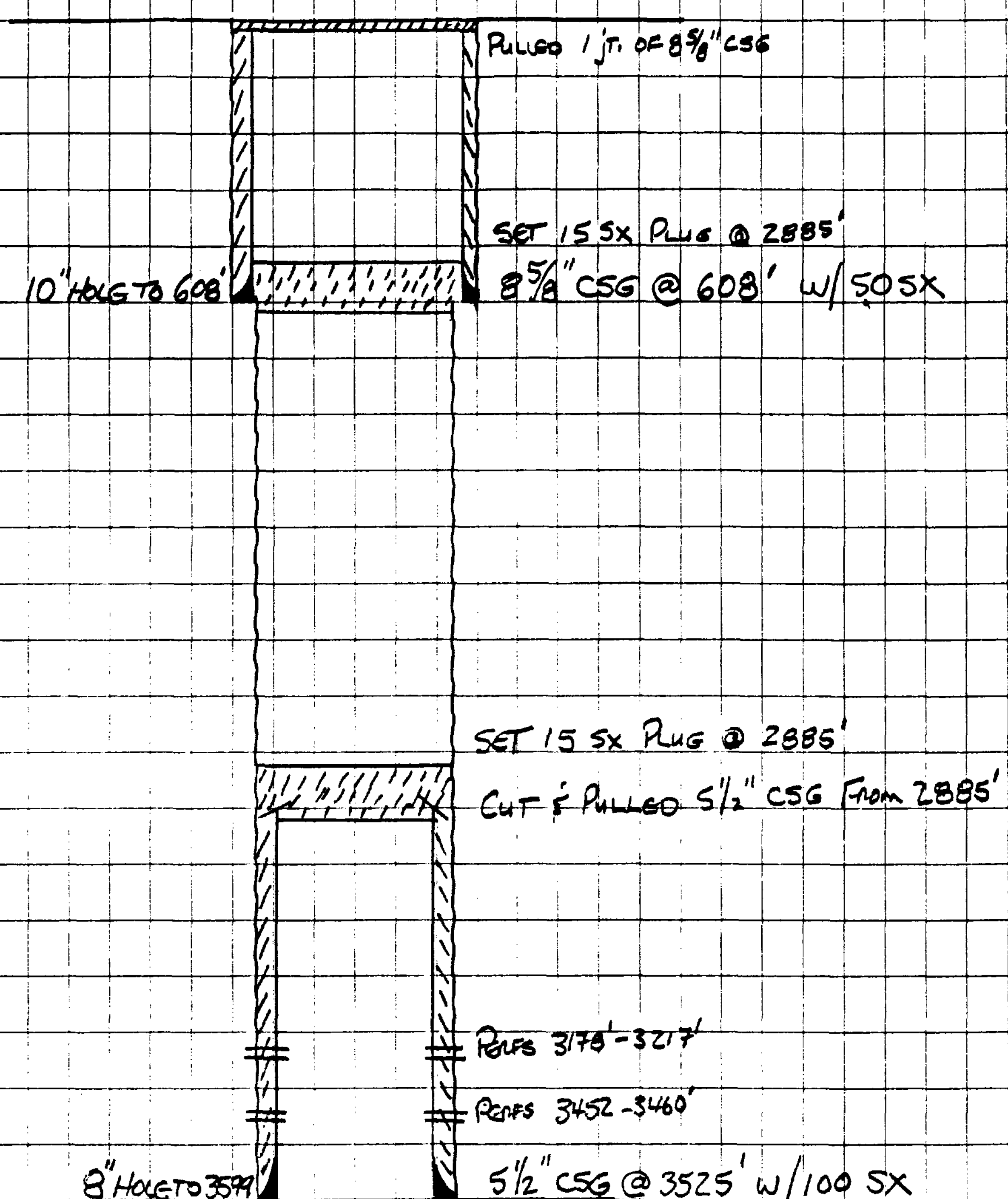
SUBJECT ____________________

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

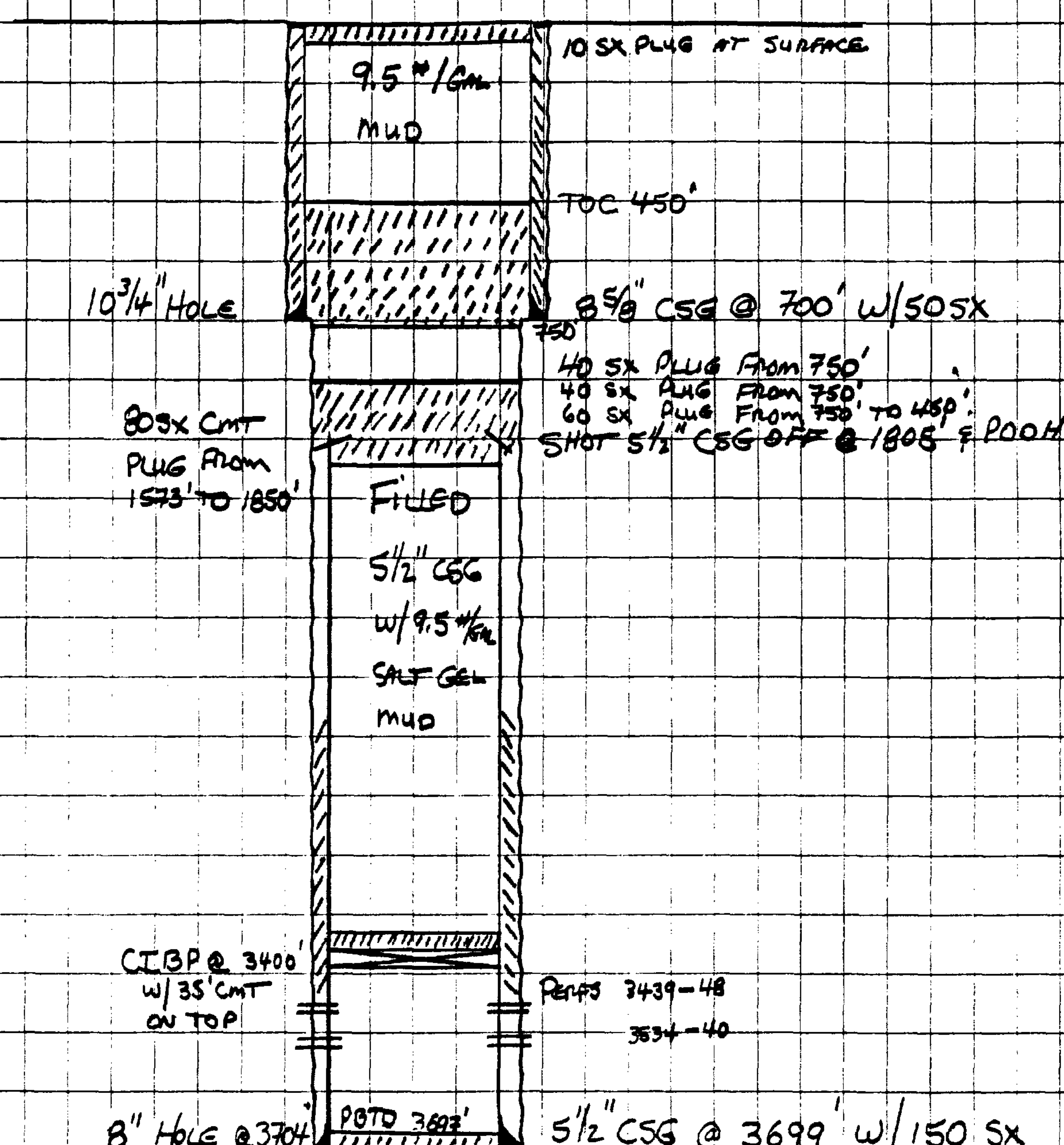
PAGE NO. ________ OF ________

BY AL DATE 5/10/91

PLEMONS & HEWITT
JACK L. McCLELLAN
GULF PREMIER #1 (A) NE/4 NE/4 SEC 31 T17S R31E
COMPLETED 10/60
P&A 4/62



TAMARACK PETROLEUM CO., INC
STATE "M" #1
330' FNL & 2310' FWL (C) SEC 32 17S 31E
P & A 3/29/80

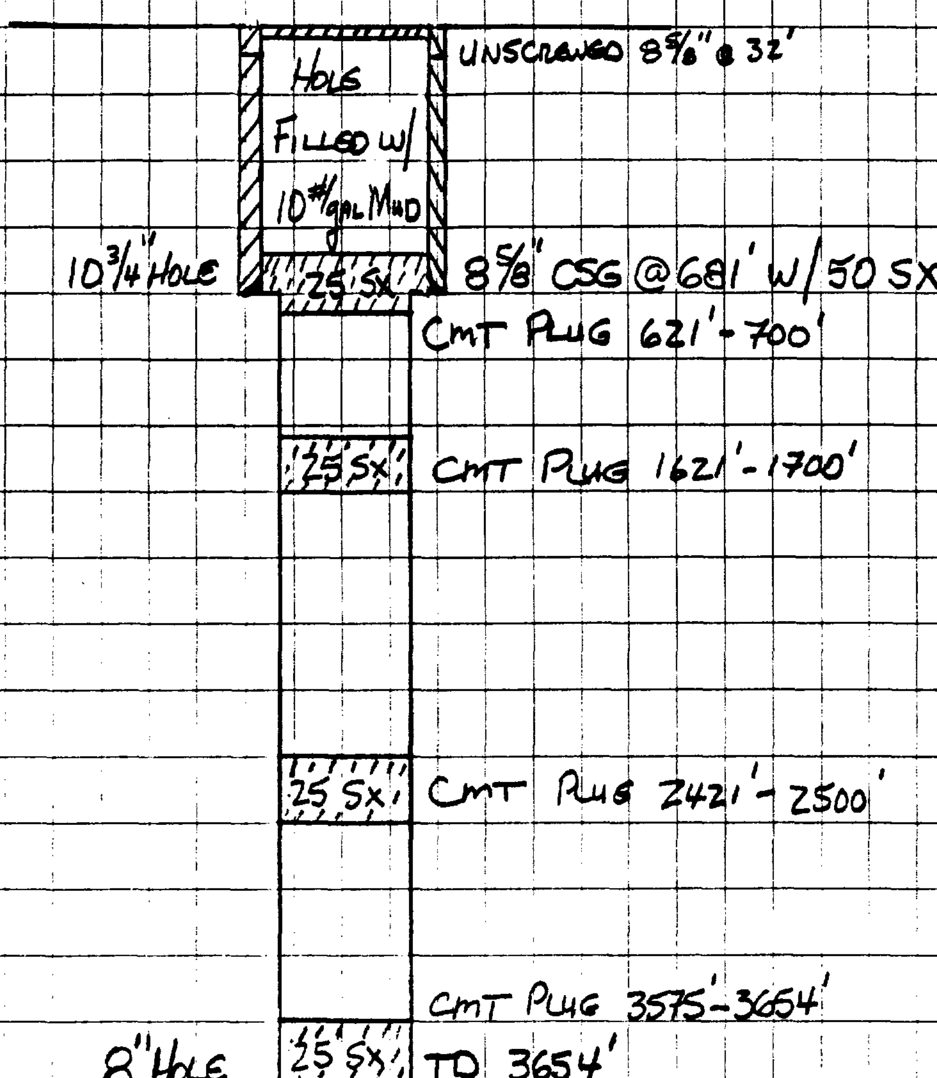


SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO ____ OF ____
BY H DATE 5/9/91

JAMES G. BROWN & ASSOCIATES
STATE "M" #2
NW/4 NW/4 SEC. 32 (D) T17S R31E
D & A 8/61



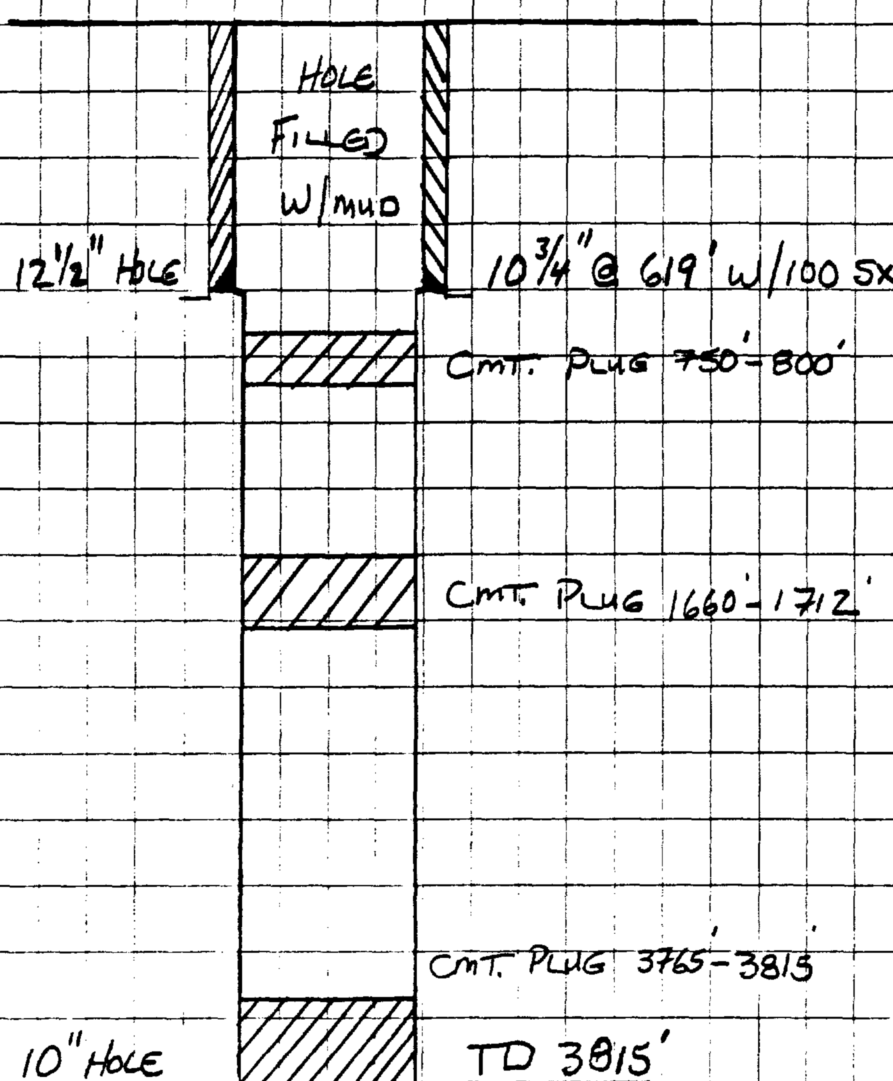
SUBJECT ______

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ______ OF ______

BY H DATE 5/9/91

ASHMUN & HILLIARD, NO. 3 LTD
32 SIMON STATE #1
SE/4 NE/4 SEC. 32(H)/17S 31E
D&A 6/60



SUBJECT ____________

WILLIAMSON PETROLEUM CONSULTANTS, INC.

HOUSTON • DENVER • MIDLAND

PAGE NO. ______ OF ______

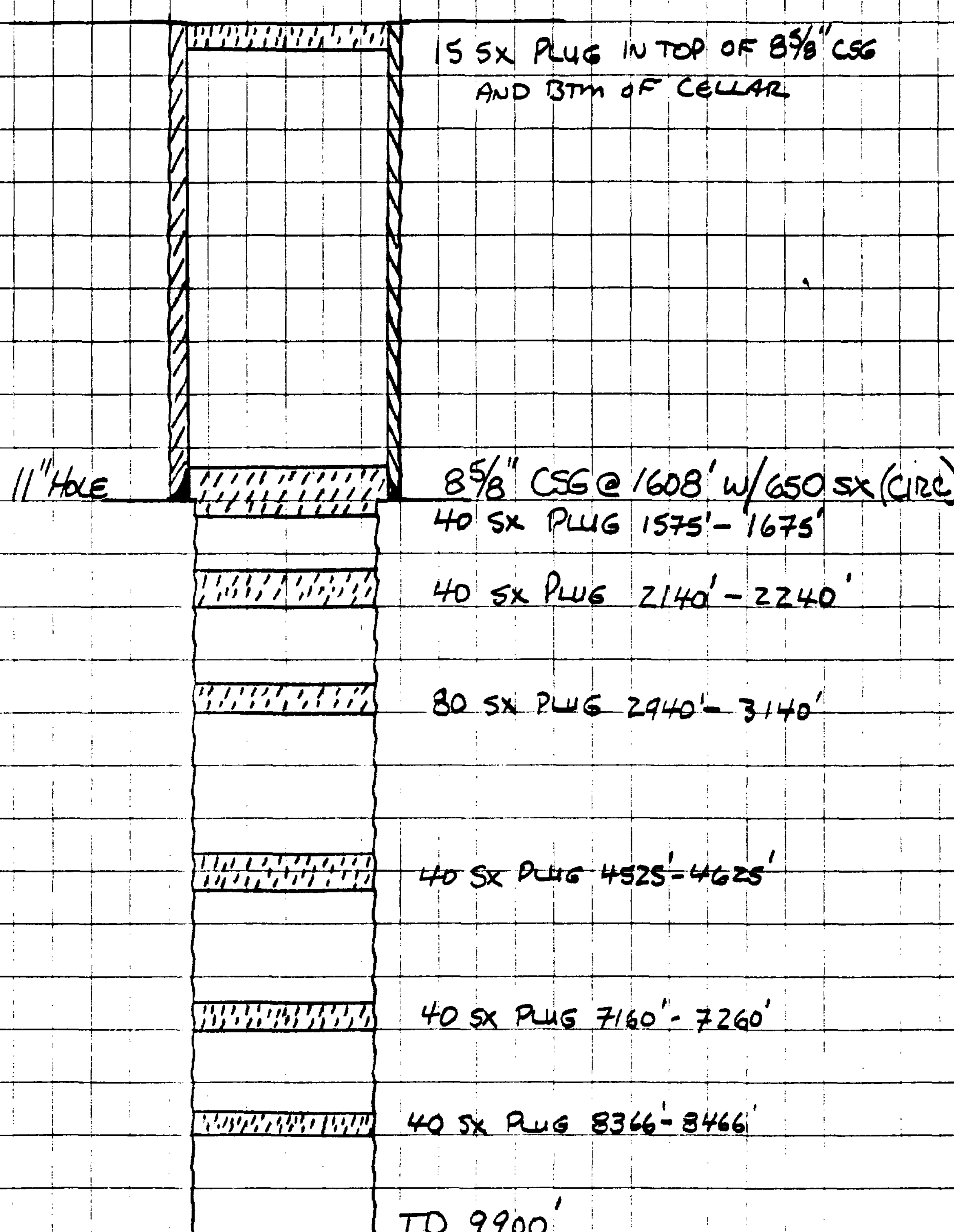
BY HL DATE 5/13/91

SINCLAIR

TURNER "B" #75

330' FNL & 660' FWL (D) SEC 29 T17S R31E

P&A 1/10/61



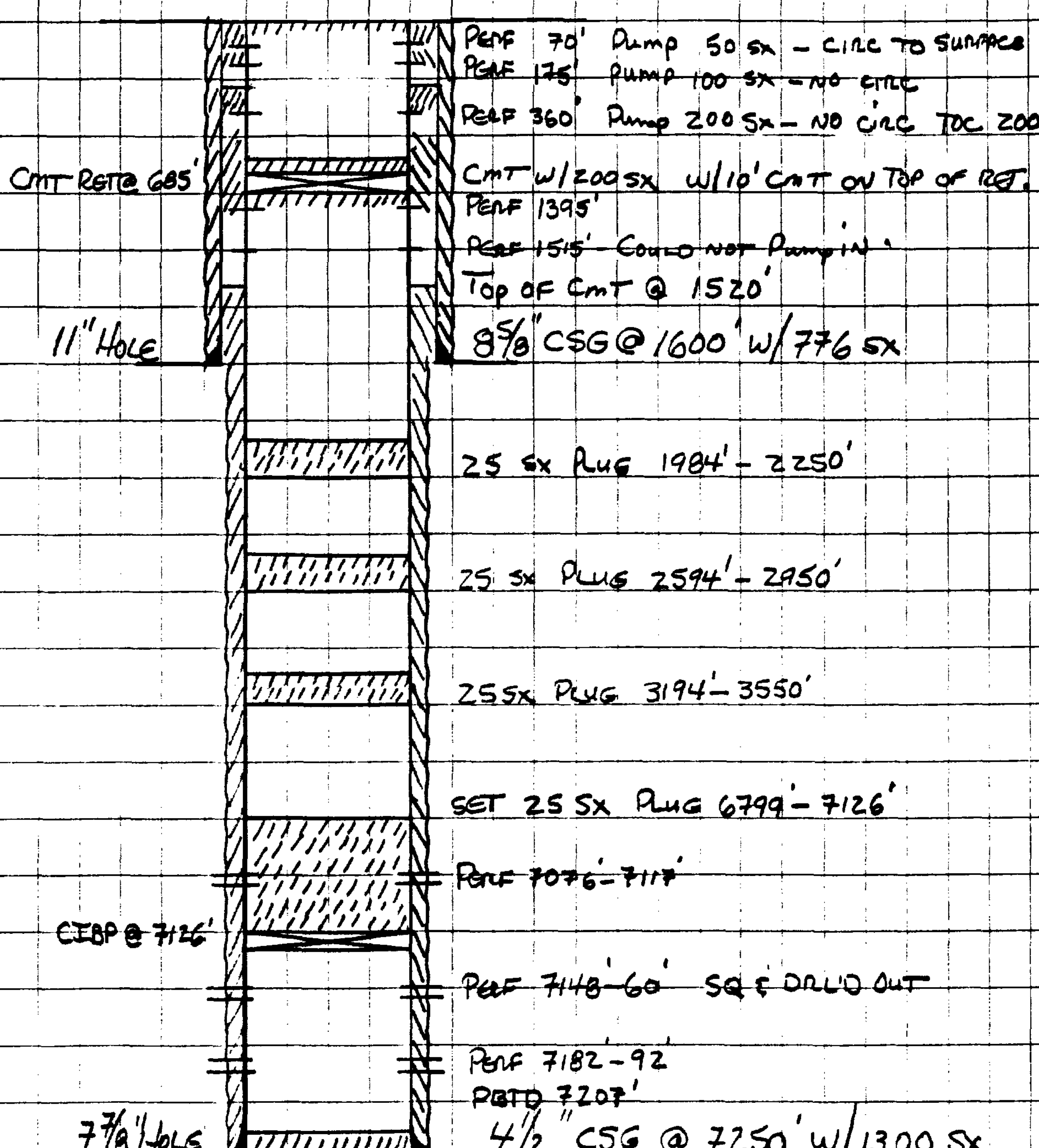
SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ______ OF ______

BY H DATE 5/13/91

Sinclair
Arco
Turner "B" # 74
330' FNL & 990' FEL (A) Sec 29 T17S R31E
Completed 12/60
P&A 12/86



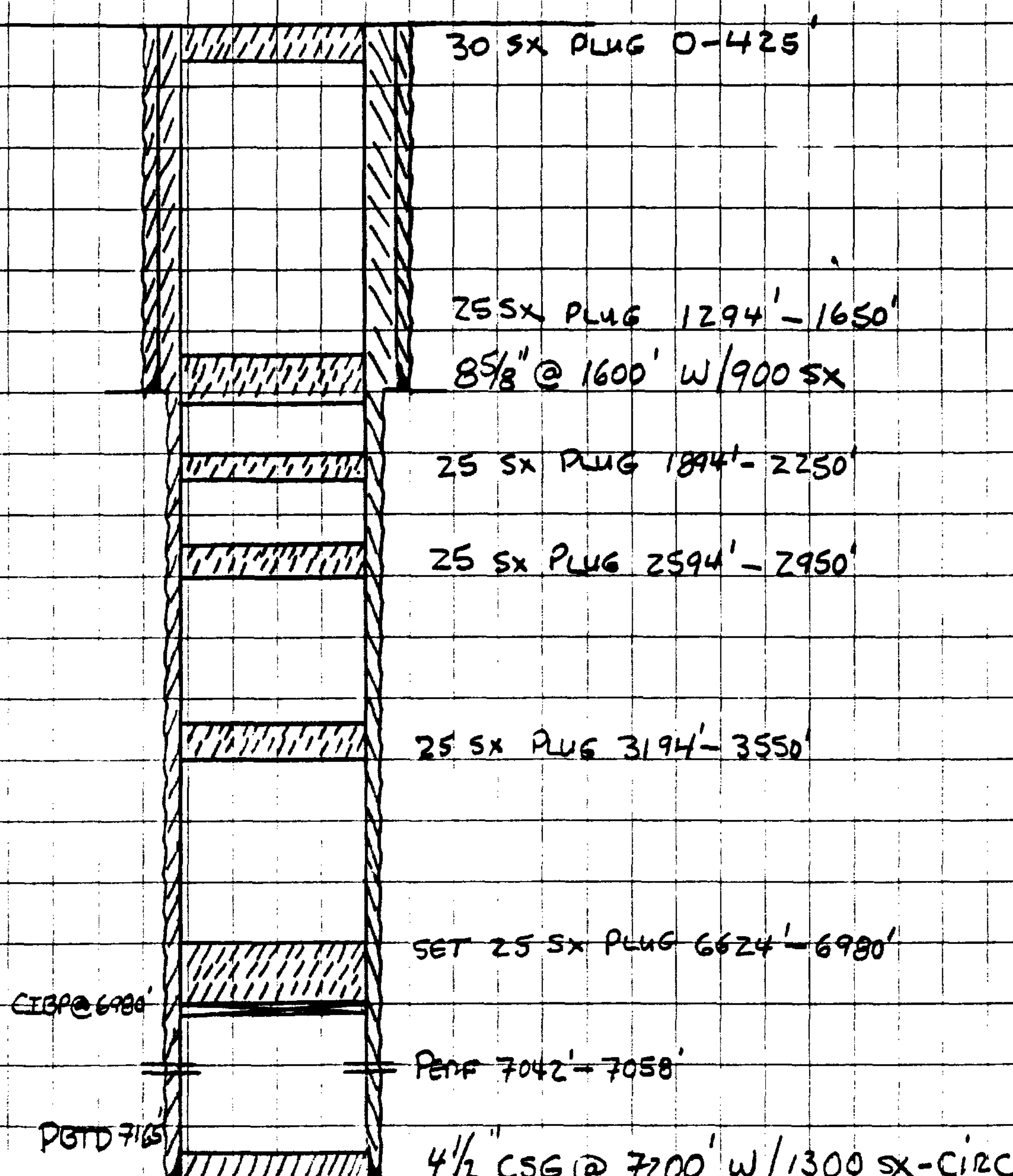
SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. OF

BY [illegible] DATE 5/13/91

Sinclair
Arco
Turner "B" #70
330' FSL & 660' FWL (m) Sec 20 T17S R31E
Completed 9/60
P&A 12/87



SUBJECT ______________ WILLIAMSON PETROLEUM CONSULTANTS, INC. PAGE NO. ______ OF ______

HOUSTON • DENVER • MIDLAND

BY AL DATE 5/13/91

Sinclair

Avon

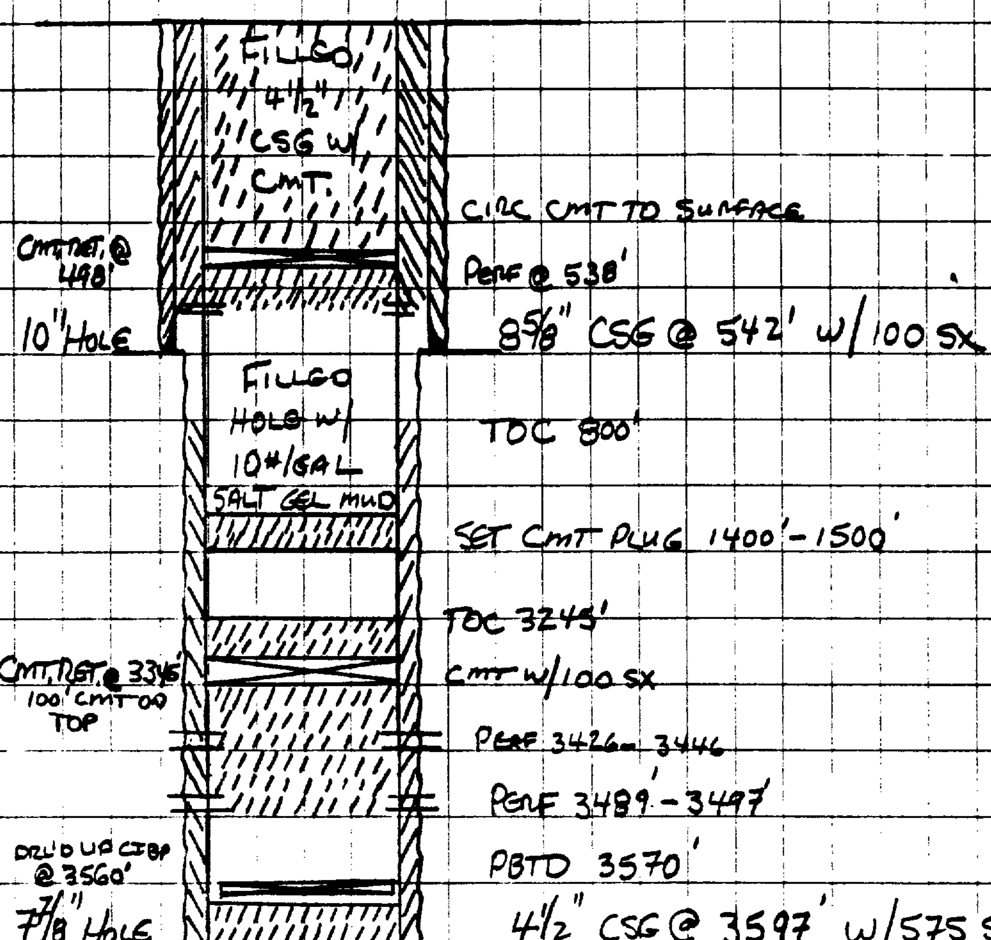
Turner "B" #76

660' FSL & 660' FEL(P) SEC 30 T17S R31E

P&A 12/61

Re-enter & Complete as WIW 3/69

P&A 4/82



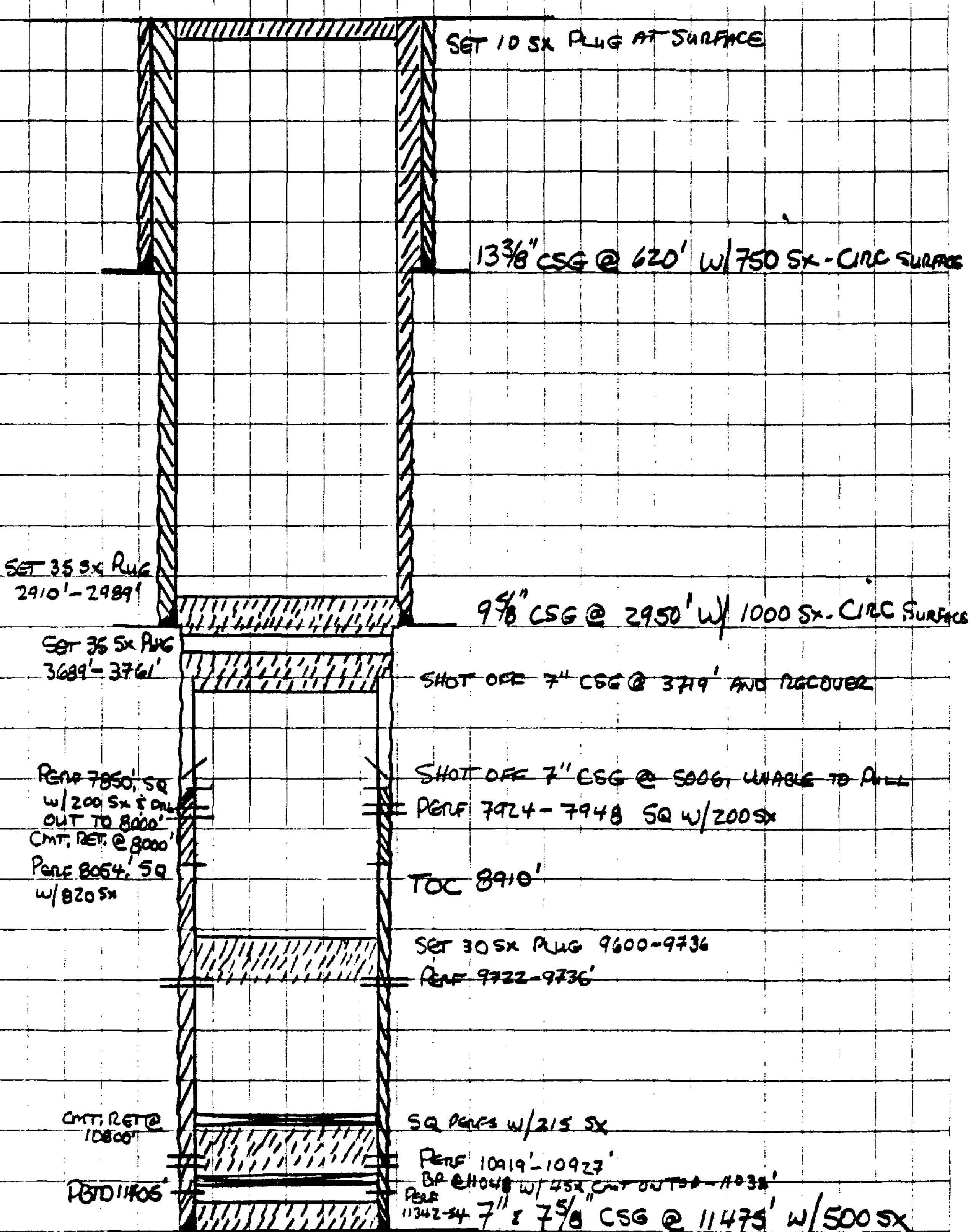
SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ____ OF ____

BY H DATE 5/13/91

SINCLAIR
ARCO SOCORRO
TURNER "B" #77
660' FSL & 660' FWL (m) SEC 30 T17S R31E
COMPLETED 6/61
P&A 10/71



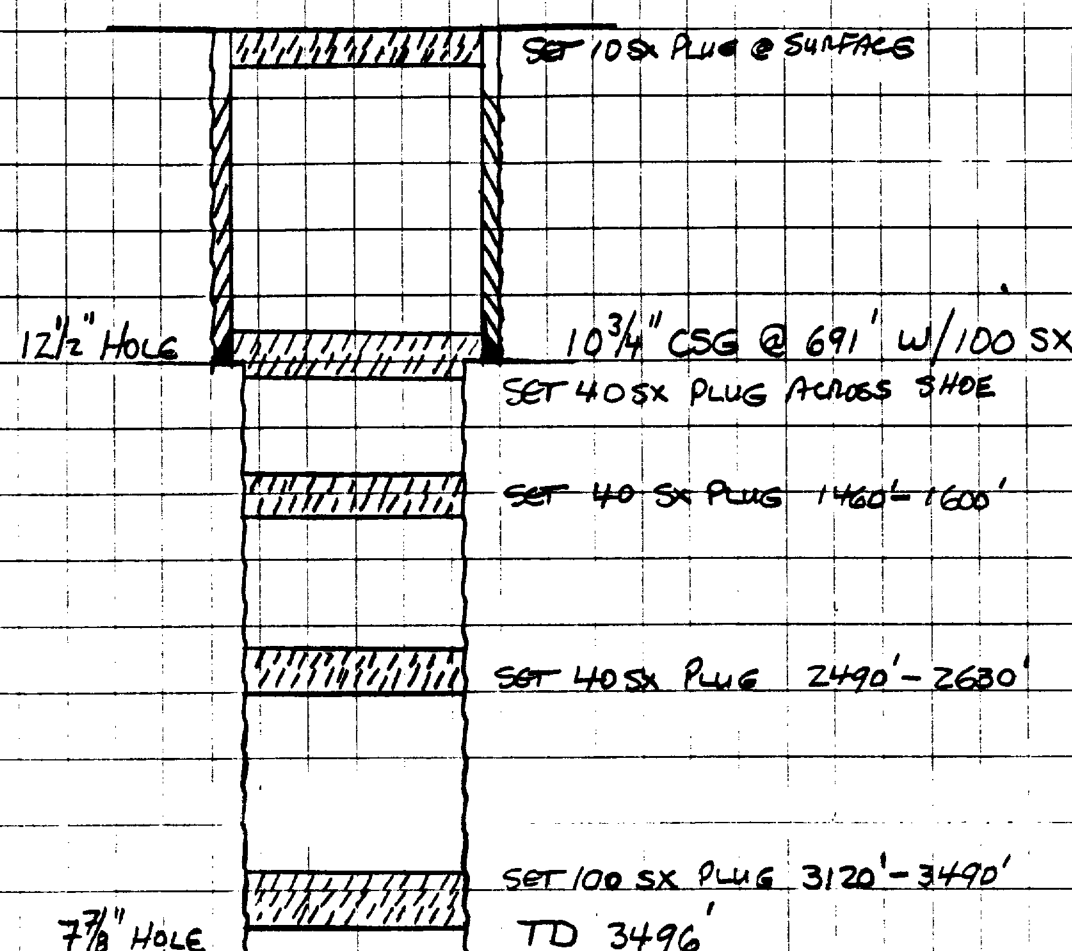
SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ____ OF ____

BY H DATE 5/13/91

SINCLAIR
ARCO SOCORRO
TURNER "B" #57
1980' FSL & 1755 FWL (K) SEC 30 T17S R31E
DRILLED 1/59 (HELD IN TA STATUS)
P&A 4/75

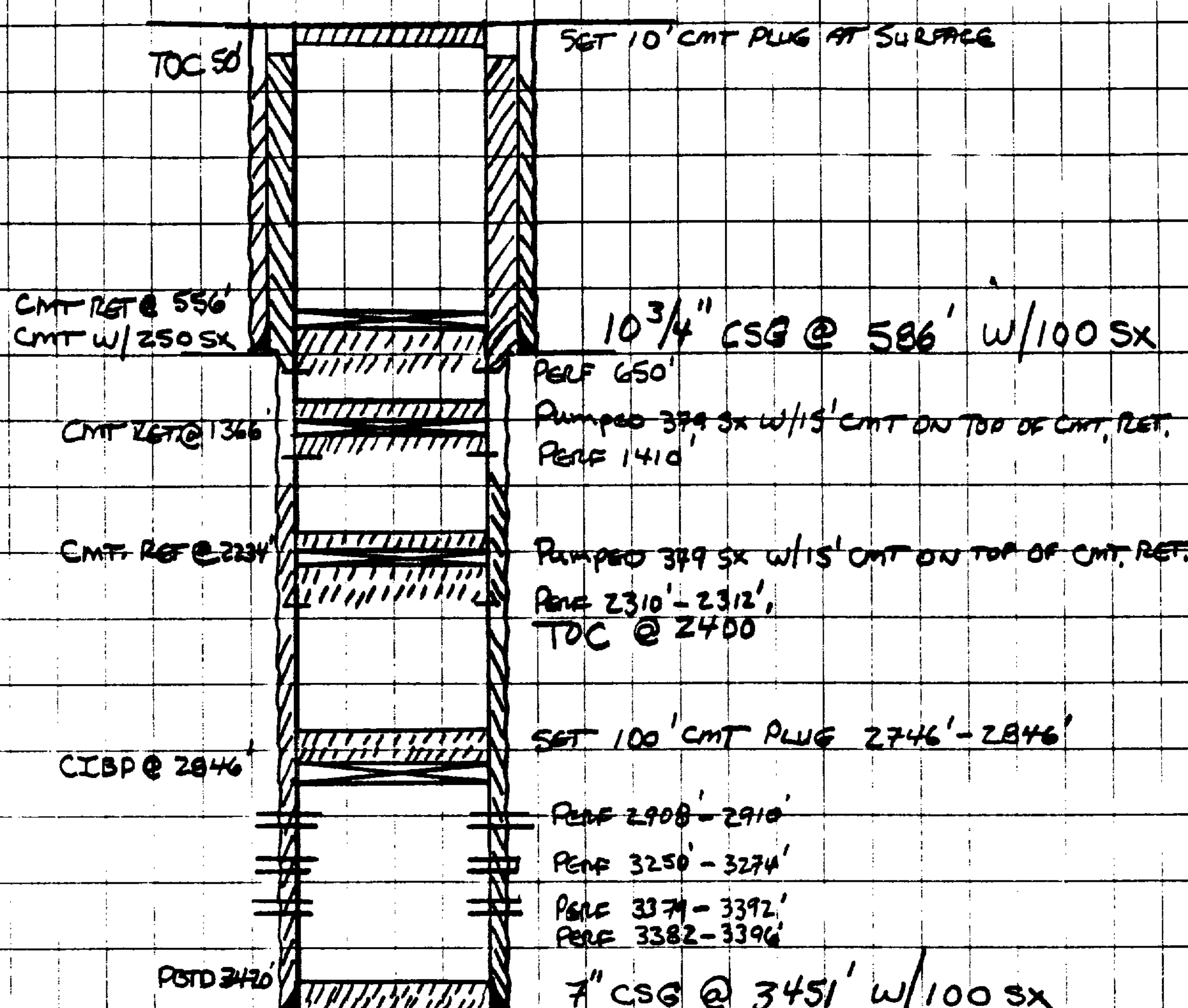


SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ____ OF ____
BY H DATE 5/13/91

SINCLAIR
ARCO SOCORRO
MAX FRIESS #3
1980' FNL & 1980' FEL (G) SEC 30 T17S R31E
COMPLETED 8/57
P&A 8/79



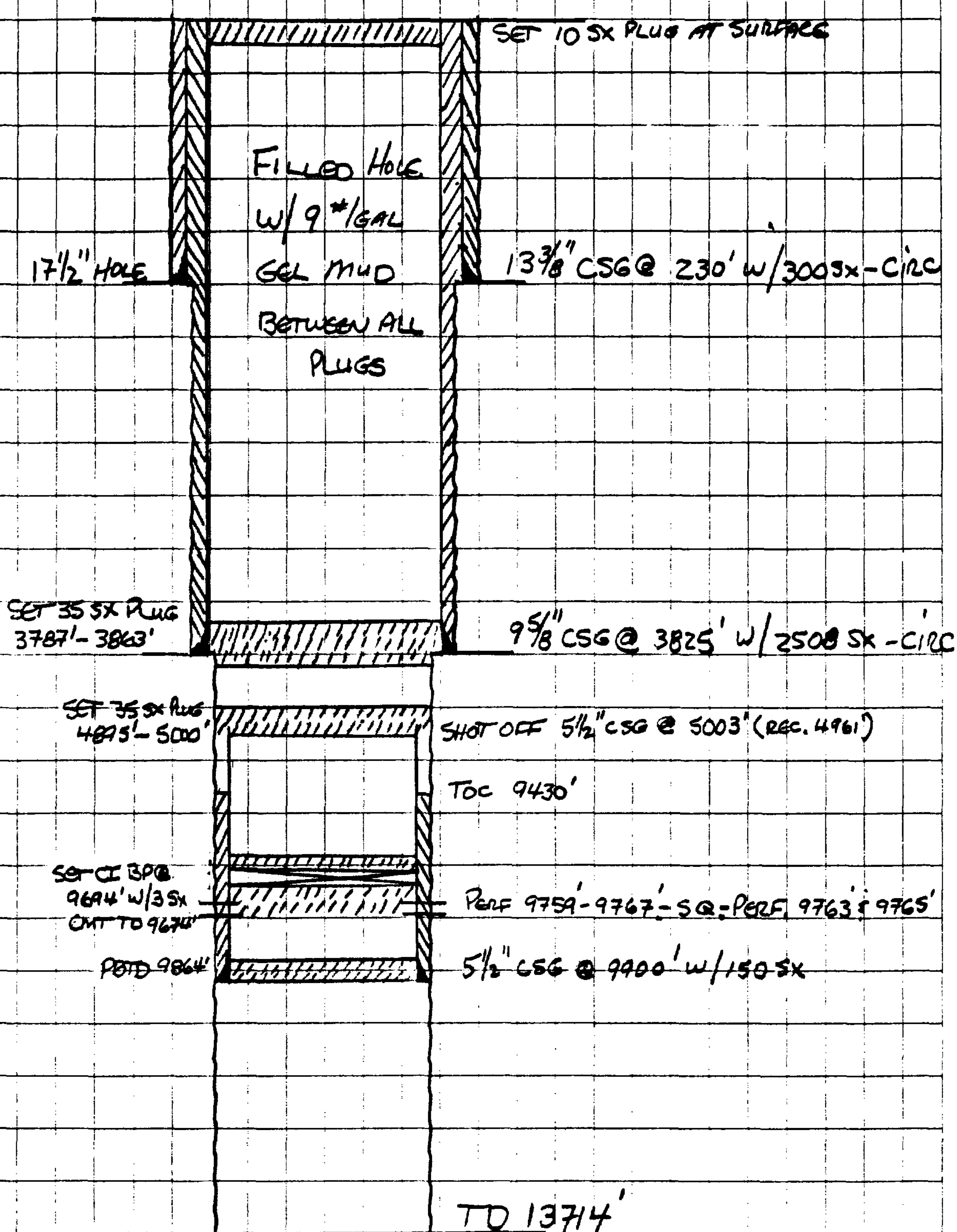
SUBJECT

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO. ______ OF ______

BY H DATE 5/13/91

SINCLAIR
ARCO
TURNER "B" #58
1650' FNL & 660' FWL (E) SEC 29 T17S R31E
P & A 10/71



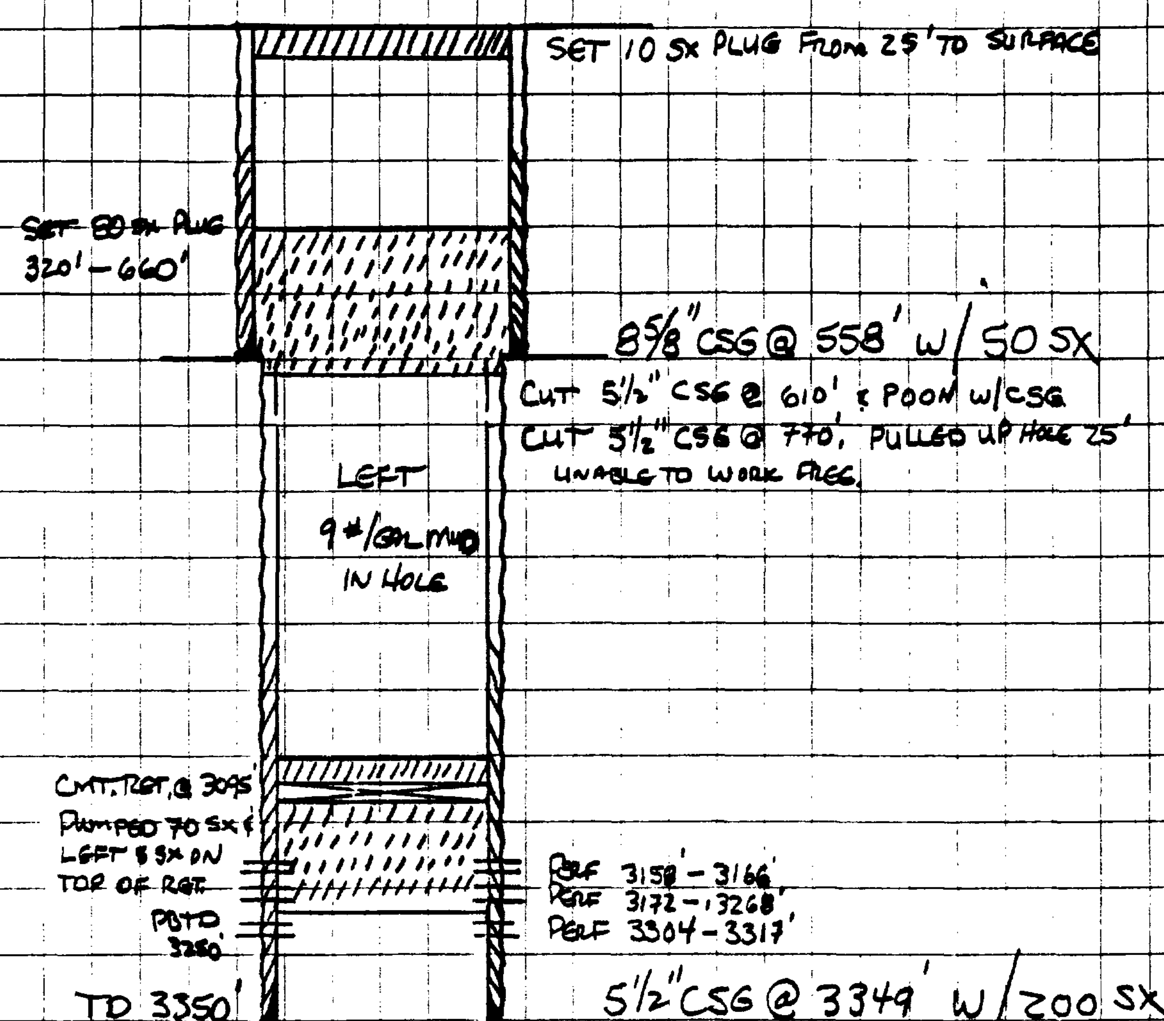
SUBJECT ______

WILLIAMSON PETROLEUM CONSULTANTS, INC.
HOUSTON • DENVER • MIDLAND

PAGE NO ____ OF ____

BY H DATE 5/13/91

Southern Prod. Co.
Arco, Avon
Turner "B" #45
2080' FEL & 660' FSL (O) Sec 20 T17S R31E
Completed 4/56
P & A 4/75



TURNER "B" #47
PROPOSED PERFORATIONS

ZONE	PERFORATIONS
Vacuum (San Andres)	*3412 to 3396
	3392, 87
	*3366 to 3364
Premier (Grayburg)	*3362 to 3350
	3344
	3338
	3324
	*3394 to 3290
	*3270 to 3243
	3224
Square Lake	3158, 56
	3141,40,38
Metex	3117
	3110
	3087
Loco Hills	3056,54
	3045

* Existing perf w/4 to 6 holes/ft.
17 new holes

TURNER "B" #50
PROPOSED PERFORATIONS

ZONE	PERFORATIONS
Vacuum (San Andres)	*3330 to 3314
	*3310 to 3306
Premier (Grayburg)	*3285 to 3280
	*3278 to 3268
	*3224 to 3208
	*3190 to 3180
	*3175 to 3172
	3156,54
Square Lake	3085,84,83
	3065
Metex	3044
	3013,09,07
Loco Hills	2989
	2978

* Existing perforations
12 new holes.

TURNER "B" #54
EXISTING PERFORATIONS

ZONE	PERFORATIONS
Premier (Grayburg)	*3404 to 3396
	*3386 to 3366
Square Lake	3266,64,62
	3253
	3242,37
Metex	3204
	3179
	3167,65,63,61,59
Loco Hills	3118
	3108

* Existing perforations.
Added 15 new perforations in 1991.

TURNER "B" #61
EXISTING PERFORATIONS

ZONE	PERFORATIONS
Vacuum (San Andres)	*3646 to 3614
Premier (Grayburg)	3586,84,82
	3557,55,53,51
	*3540 to 3532
	*3516 to 3506
Square Lake	3460,53
	3429
	3414
	3406,04,02
Metex	3370
	3325,18
	3308,06,04,02
Loco Hills	3262
	3254

* Existing perforations
Added 23 new perforations in 1991.

TURNER "B" NO. 64
PROPOSED PERFORATIONS

ZONE	PERFORATIONS
Vacuum (San Andres)	3557,55,53
	3544,42,40,37
	3532,30,28
	3510,08,06
	3499,97
Premier (Grayburg)	3490,88,86,84
	3462,61
	3450
	*3440 to 3436
	3416,12,11
	*3405 to 3388
	3385
	3373
	3363
Square Lake	3337
	3299
	3276,74
Metex	3247
	3238
	3226
	3222
	3220
	3204,03
Loco Hills	3162
	3147,46

* Existing perforations
Total 42 new holes.

TURNER "B" #66
PROPOSED PERFORATIONS

ZONE	PERFORATIONS
Vacuum (San Andres)	3678,75,74,72
	3663,60,58,56
	3649,47,45
	3632
	3628,25,22
	3617,14
Premier (Grayburg)	3574,72,70,68
	*3546 to 3522
	3518
	3497
	3490,87,84
	3478,70,67
Square Lake	3443
	3434
	3428
	3416
	3407
Metex	3380,77,72,68,66,61
	3355
	3347,45
	3338
Loco Hills	3325
	3315
	3303,02
	3297
	3290
	3283,81

* Existing perforations 6 holes/ft.
[illegible]

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
Ashmun & Hilliard, No. 3 Ltd.	32 Simon State #1	SE/4 NE/4 Sec. 32 (H)	Dry & Abd.	10-3/4" @ 619' 8-5/8" @ 1708'	3815'	None	06/19/60	1708' 8-5/8" recovered
James G. Brown & Associates	State "M" #2	NW/4 NW/4 Sec. 32 (D)	Dry & Abd.	8-5/8" @ 681'	3654'	None	08/11/61	
Tamarack Petroleum Co.	State "M" #1	NE/4 NW/4 Sec. 32 (C)	Oil (P & A)	8-5/8" @ 700' 5-1/2" @ 3699'	3704'	3534-40 (1961) 3439-48 (1962)	05/17/61	P&A 3/29/80
Socony Mobil Oil Co. (Arco)	New Mexico "U" #1	NW/4 NE/4 Sec. 32 (B)	Oil (WIW) (P & A)	8-5/8" @ 752' 5-1/2" @ 3810'	3810'	3467-3535 (1960) 3415-3449 (1964)	01/04/60	Converted to WIW by Arco 7/17/69. P&A 8/3/79
Plemons & Hewitt (Jack L. McClellan)	Gulf Premier #1	NW/4 NE/4 Sec. 31 (A)	Oil (P & A)	8-5/8" @ 608' 5-1/2" @ 3525'	3599'	3452-3460 (1960) 3178-3217 (1960)	10/04/60	Pulled 2885' of 5-1/2"
Paul B. English (Three States Natural Gas Co.) (Marbob)	State #1	SW/4 NW/4 Sec. 30 (D)	Oil	8-1/4" @ 497' 5-1/2" @ 2927'	3336'	OH Shot 3203-3305	07/16/43	Shot w/200 quarts Frac OH 10/57
Plemons & Hewitt (Jack Plemons)	Max Friess #4	SE/4 NW/4 Sec. 30 (F)	Oil	8-5/8" @ 482' 5-1/2" @ 3104'	3342'	2894-2900	04/05/57	
Skelly (Texaco)	Dow "B" #32 (Skelly Unit #100)	NW/4 SW/4 Sec. 28 (L)	Oil (WIW)	8-5/8" @ 707' 5-1/2" @ 3632'	3734'	3522-3591 (perf) 3632-3727 (OH)	11/28/59	Converted to WIW 3/71
Skelly (Texaco)	Dow "B" #11 (Skelly Unit #91)	NW/4 NW/4 Sec. 28 (D)	Oil (WIW) (P & A)	10-3/4" @ 648' 7" @ 3043'	3724'	3487-3525 (OH) 3343-3365 (OH)	11/16/46	Shot w/100 quarts Shot w/100 quarts Converted to WIW 8/74 P&A 5/90
Skelly (Texaco)	Dow "B" #33 (Skelly Unit #93)	SE/4 NW/4 Sec. 28 (F)	Oil (WIW) (TA)	8-5/8" @ 676' 5-1/2" @ 3609'	3700'	3609-3700 (OH) 3228-3472 (perf)	12/21/59 12/67	Converted to WIW 3/68 TA (held for remedial) 7/82
Skelly (Texaco)	Dow "B" #31 (Skelly Unit #92)	SW/4 NW/4 Sec. 28 (E)	Oil	8-5/8" @ 686' 5-1/2" 3575'	3652'	3575-3652 (OH) 3193-3535 (perf)	12/27/58 12/67	
			(P & A)	4" liner from 3081'-3714'	3720'	3598-3624 (perf) 3466-3550 (perf) 3165-3435 (perf)	9/75 to 1/76	Produced water - Sq Squeezed P&A 11/90
Skelly (Texaco)	Dow "B" #23 (Skelly Unit #75)	SE/4 SW/4 Sec. 21 (N)	Oil (WIW)	8-5/8" @ 663' 7" @ 3286' 4-1/2" liner from 3216'-3600'	3350' 3600'	3286-3350 (OH) 3446.5-3560.5 (perf) 3085-3421 (perf)	06/23/57 2/63 12/67	Converted to WIW 8/68

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
Skelly (Texaco)	Dow "B" #22 (Skelly Unit #74)	SW/4 SW/4 Sec. 21 (M)	Oil	8-5/8" @ 7" 4-1/2" liner from 3150'-3899'	3281' 3900'	(OH) 3406-3431 (perf) 3028-3360 (perf	2/63 12/67	Producing
Skelly (Texaco)	Dow "B" #25 (Skelly Unit #69)	NW/4 SW/4 Sec. 21 (L)	Oil (WIW)	8-5/8" @ 640' 7" @ 3130' 4-1/2" liner from 3033'-3592'	3612'	3130-3230 (OH) 3263-3540 (perf) 3046-3238 (perf) 2938-3021 (perf)	10/57 3/63 3/70	PB from 3612'-3230' CO to 3612' Converted to WIW 3/71
Sinclair (Arco) (Socorro) (Avon)	Turner "B" SP #76	SE/4 SE/4 Sec. 30 (P)	Dry & Abd. WIW (P & A)	8-5/8" @ 542' 4-1/2" @ 3597'	3597'	3426-3497 (perf)	3/69	P & A 12/61 Re-enter 3/69 P & A 4/28/82
Sinclair (Arco)	Turner "B" #77	SW/4 SW/4 Sec. 30 (M)	Oil (P & A)	13-3/8" @ 620' 7-5/8" @ 11475' 9-5/8" @ 2950'	11475'	10919-10927 (perf) 7924- 7948 (perf) 9722- 9736 (perf)	6/61 7/63 7/63	Atoka - Sq. 7/63 Bone Springs - Sq 7/6 Cisco Canyon - TA 9/6 P & A 10/1/71
Sinclair (Arco) (Hondo) (Socorro)	Turner "B" #57	NE/4 SW/4 Sec. 30 (K)	Dry & Abd.	10-3/4" @ 691'	3496'		1/59	P & A 4/16/75
Sinclair (Arco) (Hondo) (Socorro)	Turner "B" #56	NW/4 SE/4 Sec. 30 (J)	Oil (WIW)	10-3/4" @ 630' 5-1/2" @ 3527'	3527'	3367-3378 (perf) 3336-3343 (perf)	11/58 3/69	Converted to WIW 3/89
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #53	NE/4 SE/4 Sec. 30 (I)	Oil	10-3/4" @ 573' 5-1/2" @ 3524'	3524'	3488-3494 (perf) 3356-3372 (perf) 3388-3397 (perf)	6/58 6/58 2/70	No prod. & PB to 3470
Danciger (Southern Prod. Co.) (Sinclair) (Arco) (Hondo) (Socorro)	Max Friess #1	NW/4 NE/4 Sec. 30 (B)	Oil (WIW)	8-1/4" @ 524' 7" @ 1852' 5" @ 2830' 2-7/8" liner from 2615'-3423'	2057' 3200' 3439'	2830-3439 (OH) 3108-3236.5 (perf)	1/44 10/57 5/72	Deepened 1/55 to 3200 Deepened 10/57 to 343 Converted to WIW
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Max Friess #2	NE/4 NE/4 Sec. 30 (A)	Oil	10-3/4" @ 582' 7" @ 3300'	3300'	3264-3276 (perf) 3098-3128 (perf) 3191-3212 (perf) 1985-2035 (perf)	6/57 9/58 8/73 1/86	Producing as commingl
Sinclair (Arco) (Hondo) (Socorro)	Max Friess #3	SW/4 NE/4 Sec. 30 (G)	Oil P & A	10-3/4" @ 586' 7" @ 3451'	3451'	2908-3274 (perf) 3379-3392 (perf) 3382-3396 (perf)	8/57 1/60 4/62	P & A 8/79

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Max Friess #4	SE/4 NE/4 Sec. 30 (H)	Oil (WIW)	10-3/4" @ 614' 7" @ 3396'	3397'	3358-3368 (perf) 3220-3240 (perf)	10/57 11/58	Converted to WIW
Avon	Max Friess #5	NE/4 NE/4 Sec. 30 (A)	Oil	12-3/4" @ 325' 5-1/2" @ 3810' 8-5/8" @ 1391'	3805'	3036-3540 (perf)	3/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #71	SW/4 SW/4 Sec. 29 (M)	Oil	8-5/8" @ 590' 4-1/2" @ 3672'	3672'	3469-3480 (perf) 3626-3643 (perf) 3225-3440 (perf)	10/60 3/91 3/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #66	SE/4 SW/4 Sec. 29 (N)	Oil (WIW)	8-5/8" @ 717' 4-1/2" @ 3706'	3706'	3522-3546 (perf)	6/60	Converted to WIW
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #63	SW/4 SE/4 Sec. 29 (O)	Oil	8-5/8" @ 700' 5" @ 3670'	3670'	3604-3641 (perf) 3510-3530 (perf) 3293-3484 (perf)	9/59 9/59 3/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #68	SE/4 SE/4 Sec. 29 (P)	Dry/TA (WIW)	8-5/8" @ 730' 4-1/2" @ 3718'	3718'	3648-3664 (perf) 3454-3512 (perf) 3564-3470 (perf)	9/60 3/69 1/70	Temporarily Aband Converted to WIW
Avon	Turner "B" #86	1335' FSL & 1305' FWL (L) Sec. 29	Oil	8-5/8" @ 601' 5-1/2" @ 3730'	3730'	3132-3627 (perf)	2/91	
Avon	Turner "B" #87	1335' FSL & 2625' FWL (K) Sec. 29	Oil	8-5/8" @ 605' 5-1/2" @ 3725'	3725'	3293-3658 (perf)	1/91	
Avon	Turner "B" #88	1335' FSL & 1335' FEL (J) Sec. 29	Oil	8-5/8" @ 605' 5-1/2" @ 3745'	3745'	3315-3688 (perf)	1/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #64	1980' FSL & 660' FWL (P) Sec. 29	Oil (WIW)	8-5/8" @ 570' 5" @ 3576'	3576'	3388-3405 (perf) 3426-3440 (perf)	10/59	Converted to WIW
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #60	1980' FSL & 1980' FWL (K) Sec. 29	Oil	10-3/4" @ 625' 5-1/2" @ 3626'	3626'	3470-3488 (perf) 3513-3524 (perf) 3193-3414 (perf) 3500-3610 (perf)	4/59 2/70 12/90 12/90	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #61	1980' FSL & 1980' FEL (J) Sec. 29	Oil (WIW)	10-3/4" @ 633' 5-1/2" @ 3661'	3661'	3616-3646 (perf) 3506-3516 (perf) 3532-3540 (perf)	6/59 1/62 1/70	Converted to WIW

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #62	1980' FSL & 660' FEL (I) Sec. 29	Oil	8-5/8" @ 648' 5-1/2" @ 3690'	3690'	3649-3652 (perf) 3656-3674 (perf) 3540-3553 (perf) 3275-3452 (perf)	 7/59 1/70 3/91	
Avon	Turner "B" #80	2565' FSL & 1305' FWL (L) Sec. 29	Oil	8-5/8" @ 599' 5-1/2" @ 3597'	3600'	3093-3536 (perf)	11/90	
Avon	Turner "B" #81	2545' FSL & 2615' FEL (J) Sec. 29	Oil	8-5/8" @ 600' 5-1/2" @ 3698'	3700'	3240-3628 (perf)	11/90	
Avon	Turner "B" #82	2550' FSL & 1335' FEL (J) Sec. 29	Oil	8-5/8" @ 602' 5-1/2" @ 3724'	3724'	3171-3616 (perf)	12/90	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #52	1980' FNL & 660' FWL (E) Sec. 29	Oil	10-3/4" @ 558' 5-1/2" @ 3451'	3451'	3300-3320 (perf) 3330-3338 (perf) 3269-3352 (perf) 3035-3195 (perf)	2/58 2/70 11/90 11/90	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #54	1980' FNL & 1980' FWL (F) Sec. 29	Oil (WIW)	10-3/4" @ 553' 5-1/2" @ 3525'	3525'	3366-3386 (perf) 3396-3404 (perf)	8/58 1/70	Converted to WIW 3/
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #49	1980' FNL & 1980' FEL (G) Sec. 29	Oil	10-3/4" @ 581' 7" @ 3502'	3600'	3502-3600 (OH) 3418-3430 (perf) 3446-3456 (perf) 3165-3314 (perf)	 10/57 3/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #55	1980' FNL & 660' FEL (H) Sec. 29	Oil (WIW)	10-3/4" @ 631' 5-1/2" @ 3640'	3640'	3600-3608 (perf) 3616-3624 (perf) 3455-3555 (perf)	 10/58 7/68	 Converted to WIW 3/
Sinclair (Arco)	Turner "B" #58	1650' FNL & 660' FWL (E) Sec. 29	Dry & Abd.	13-3/8" @ 230' 5-1/2" @ 9900' 9-5/8" @ 3825'	13714'	9759-9767 (perf)	12/59	P & A 10/71
Avon	Turner "B" #83	1385' FNL & 1345' FWL (F) Sec. 29	Oil	8-5/8" @ 628' 5-1/2" @ 3493'	3495'	3227-3407 (perf) 3013-3162 (perf) 3159-3270 (perf) 3051-3270 (perf)	 7/90 8/90 4/91	 Sq. PB 3355' PB 3448'
Avon	Turner "B" #84	1305' FNL & 2525' FEL (B) Sec. 29	Oil	8-5/8" @ 626' 5-1/2" @ 3550'	3550'	3120-3472 (perf)	10/90	
Avon	Turner "B" #85	1305' FNL & 1335' FEL (B)	Oil	8-5/8" @ 630' 5-1/2" @ 3597'	3600'	3180-3416 (perf) 2989-2995 (perf)	11/90	 Sq.

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set		Total Depth	Completion Interval	Date Completed	Remarks
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #50	660' FNL & 660' FWL (D) Sec. 29	Oil (WIW)	10-3/4" @ 598'	7" @ 3374'	3375'	3306-3310 (perf) 3314-3320 (perf) 3208-3224 (perf) 3172-3190 (perf) 3268-3285 (perf)	 11/57 6/59 1/70	 Converted to WIW 3/
Sinclair	Turner "B" #75	330' FNL & 660' FWL (D)	Dry & Abd.	8-5/8" @ 1608'		9900'		1/61	P & A 1/10/61
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #48	560' FNL & 1980' FWL (C) Sec. 29	Oil	9-5/8" @ 500'	7" @ 3431'	3431'	3214-3224 (perf) 3240-3322 (perf)	8/57 2/70	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #47	560' FNL & 1980' FEL (B) Sec. 29	Oil (WIW)	10-3/4" @ 556'	7" @ 3450'	3450'	3396-3412 (perf) 3243-3270 (perf) 3290-3366 (perf)	6/57 4/59 1/70	 Converted to WIW 3/
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #59	560' FNL & 660' FEL (A) Sec. 29	Oil	10-3/4" @ 593'	5-1/2" @ 3486'	3486'	3290-3300 (perf) 3310-3314 (perf) 3448-3480 (perf) 3332-3418 (perf) 3080-3226 (perf)	 2/59 2/70 11/90	
Southern Production Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #43	660' FSL & 560' FWL (M) Sec. 20	Oil	8-5/8" @ 528'	5-1/2" @ 3237'	3241'	3062-3078 (perf) 3200-3210 (perf) 3148-3163 (perf) 2873-2994 (perf)	10/55 2/62 2/70 4/91	
Southern Production Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #44	660' FSL & 2055' FWL (N) Sec. 20	Oil (WIW)	8-5/8" @ 471'	5-1/2" @ 3340'	3340'	3161-3176 (perf) 3185-3269 (perf)	11/55 2/70	Converted to WIW 3/
Southern Production Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #45	660' FSL & 2080' FEL (O) Sec. 20	Oil P & A	8-5/8" @ 558'	5-1/2" @ 3349'	3350'	3304-3317 (perf) 3172-3268 (perf) 3158-3166 (perf)	4/56 2/70 ?	 TA 5/72 P & A 4/10/75
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #72	330' FSL & 1980' FEL (O) Sec. 20	Oil	8-5/8" @ 1600'	4-1/2" @ 7233'	7233'	7164-7174 (perf) 7152-7158 (perf) 7136-7148 (perf) 7119-7124 (perf) 7153-7157 (perf) 7152-7156 (perf) 3162-3186 (perf) 3442-3445 (perf)	10/60 10/60 10/60 10/60 11/60 11/60 6/72 4/91	 Sq. TA 1/27/71

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
						3182-3198 (perf)	4/91	
Southern Production Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #46	660' FSL & 760' FEL (P) Sec. 20	Oil (WIW)	8-5/8" @ 530' 5"&5-1/2" @3449'	3449'	3208-3226 (perf) 3306-3316 (perf)	6/56 1/70	Converted to WIW 3/69
Avon	Turner "B" #92	1305' FSL & 1350' FWL (N) Sec. 20	Oil	8-5/8" @ 589' 5-1/2" @ 3800'	3800'	3194-3208 (perf) 3065-3131 (perf)	1/91	
Avon	Turner "B" #93	1140' FSL & 2560' FWL (N) Sec. 20	Oil	13-3/8" @ 452' 5-1/2" @ 3821' 8-5/8" @ 1421'	3821'	3633-3681 (perf) 3567-3586 (perf) 3330-3365 (perf) 3233-3276 (perf) 3100-3212 (perf) 2864-2968 (perf)	2/91	
Avon	Turner "B" #94	1350' FSL & 1200' FEL (I) Sec. 20	Oil	11-3/4" @ 362' 5-1/2" @ 3870' 8-5/8" @ 1407'	3870'	3607-3614 (perf) 2942-3256 (perf)	3/91	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #67	1650' FSL & 660' FWL (L) Sec. 20	Oil (WIW)	13-3/8" @ 470' 8-5/8" @ 3800' 4-1/2" liner from 3697'-7221'	7223'	7100-7125 (perf) 7099-7106 (perf) 7048-7054 (perf) 3155-3180 (perf) 3031-3044 (perf) 3060-3068 (perf)	7/60 7/60 7/60 8/60 8/60 2/70	Sq. Sq. Converted to WIW in Premier 4/69
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #79	2050' FSL & 1980' FWL (K) Sec. 20	Oil	9-5/8" @ 605' 7" @ 3530'	3530'	2890-3124 (perf)	1/68	
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #78	2080' FSL & 1980' FEL (J) Sec. 20	Oil (WIW)	8-5/8" @ 531' 4-1/2" @ 3600'	3600'	3046-3100 (perf) 3421-3468 (perf) 3046-3151 (perf)	8/61 1/68 1/70	Sq. 1/70 Converted to WIW 1/68
Sinclair (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #51	2055' FSL & 660' FEL (I) Sec. 20	Oil	8-5/8" @ 636' 5-1/2" @ 3210'	3338'	3070-3087 (perf) 3128-3190 (perf) 2811-2937 (perf)	1/58 3/68 3/91	
Avon	Turner "B" #95	2610' FSL & 1000' FWL (L) Sec. 20	Oil	8-5/8" @ 603' 5-1/2" @ 3700'	3700'	2815-3551 (perf)	2/91	
Avon	Turner "B" #96	2590' FNL & 2590' FEL (G) Sec. 20	Oil	8-5/8" @ 597' 5-1/2" @ 3752'	3752'	2725-3514 (perf)	2/91	
Avon	Turner "B" #97	2590' FNL & 1200' FEL (H) Sec. 20	Oil	11-3/4" @ 369' 5-1/2" @ 3789' 8-5/8" @ 1369'	3800'	2856-3582 (perf)	3/91	

AVON ENERGY CORP.
TURNER "B" WATERFLOOD EXPANSION - DATA FOR C-108 SUBMITTAL

Operator-Original (Successor)	Lease & Well	Location (Unit)	Type Well	Casing Record Size & Depth Set	Total Depth	Completion Interval	Date Completed	Remarks
Danciger (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Turner "B" #11	1980' FNL & 660' FEL (H) Sec. 20	Oil (WIW)	8-1/4" @ 561' 7" @ 2829' 4-1/2" @ 3501'	3506'	2829-3506 (OH) 3378-3494 (perf)	3/43 12/69	Converted to WIW 1/68
Avon	Turner "B" #89	30' FNL & 1350' FEL (C) Sec. 29	Oil	8-5/8" @ 605' 5-1/2" @ 3800'	3800'	3117-3309 (perf)	1/91	
Avon	Turner "B" #90	75' FNL & 2610' FWL (C) Sec. 29	Oil	8-5/8" @ 606' 5-1/2" @ 3603'	3603'	3181-3291 (perf) 3002-3086 (perf)	1/91 3/91	
Avon	Turner "B" #91	140' FNL & 1270' FEL (A) Sec. 29	Oil	8-5/8" @ 598' 5-1/2" @ 3617'	3620'	3123-3382 (perf)	1/91	
Fren Oil Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Friess #13	660' FSL & 710' FEL (P) Sec. 19	Oil (WIW)	8-5/8" @ 514' 7" @ 3194'	3336'	3194-3336 (OH) 3072-3090 (perf) 3153-3186 (perf) 3044-3052 (perf)	6/55 7/57 6/72	 Converted to WIW 6/72
Fren Oil Co. (Sinclair) (Arco) (Hondo) (Socorro) (Avon)	Friess #10	990' FSL & 330' FEL (P) Sec. 19	Oil	8-5/8" @ 494' 7" @ 1783' 4-1/2" liner from 1715'-3308'	2034' 3308'	1783-2034 (OH) 2925-3248 (perf) 3116-3171 (perf)	1/47 1/64 6/82	
Fren Oil Co. (Arco) (Marbob)	Friess #16	990' FSL & 355' FEL (P) Sec. 19	Oil	8-5/8" @ 1503' 5-1/2" @ 7048'	7067'	6972-6998 (perf)	9/61	TA 1/71 Repaired water flow 3/80 - TA 6/80
Sinclair (Arco)	Turner "B" #74	330' FNL & 990' FEL (A) Sec. 29	Oil (P & A)	8-5/8" @ 1600' 4-1/2" @ 7250'	7250'	7148-7160 (perf) 7182-7192 (perf) 7134.5-7135.5 (perf) 7139-7141 (perf) 7076-7117 (perf)	11/60 12/60 11/61 11/61 3/65	Sq. Sq. 11/61 TA 3/65 P&A 12/86
Sinclair (Arco) (Marbob)	Turner "B" #73	380' FNL & 1980' FWL (C) Sec. 29	Oil (WIW)	8-5/8" @ 1600' 4-1/2" @ 7185'	7185'	7084-7092 (perf) 7024-7036 (perf) 6982-6986 (perf) 6994-7008 (perf)	10/60 4/62 8/62	 Converted to SWD well for Abo 5/68
Sinclair (Arco) (Marbob)	Turner "B" #70	330' FSL & 660' FWL (M) Sec. 20	Oil (P & A)	8-5/8" @ 1600' 4-1/2" @ 7200'	7200'	7042-7058 (perf)	9/60	TA 1/71 P&A 12/87
Sinclair (Arco) (Marbob)	Turner "B" #69	380' FNL & 2310' FEL (B) Sec. 29	Oil	13-3/8" @ 312' 4-1/2" @ 7230' 8-5/8" @ 1600'	7230'	7108-7132 (perf) 7122-7128 (perf) 7034-7057 (perf)	9/60 1/61 4/64	Sq. 1/61 Sq. 6/64 TA
Sinclair (Arco) (Marbob)	Turner "B" #65	330' FSL & 1980' FWL (N) Sec. 20	Oil	13-3/8" @ 477' 4-1/2" @ 7497' 8-5/8" @ 3600'	7497'	7120-7152 (perf) 7122-7128 (perf)	5/60 1/62	Sq. 1/62 TA 1/71

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth	Rema
Ashmun & Hilliard, No. 3 Ltd.	32 Simon State #1	3731	Sec. 32 (H)	10-3/4" @ 619' w/100 sx 8-5/8" @ 1708' - pulled	12-1/2 10			3360 / 371	
James G. Brown & Associates	State "H" #2	3724	Sec. 32 (D)	8-5/8" @ 681' w/50 sx				3323 / 401	
Tamarack Petr. Co.	State "H" #1	3736	Sec. 32 (C)	8-5/8" @ 700' w/50 sx 5-1/2" @ 3699' w/150 sx	10-3/4 8	2737 / 999	Calculation	3303 / 433	
Arco	New Mexico "U" #1	3727	Sec. 32 (B)	8-5/8" @ 752' w/391 sx 5-1/2" @ 3810' w/150 sx	10 8	2848 / 879	Calculation	3192 / 535	
Jack L. McClellan	Gulf Premier #1	3669	Sec. 31 (A)	8-5/8" @ 608' w/50 sx 5-1/2" @ 3525' w/100 sx		2884 / 785	Calculation		
Marbob	State #1		Sec. 30 (D)	8-1/4" @ 497' w/25 sx 5-1/2" @ 2927' w/100 sx	8	2286 / 1416	Calculation	No info.	
Jack Plemons	Max Friess #4	3587	Sec. 30 (F)	8-5/8" @ 482' w/50 sx 5-1/2" @ 3104' w/150 sx	8	2142 / 1445	Calculation	No info.	
Texaco	Dow "B" #32 (Skelly Unit #100)	DF 3764	Sec. 28 (L)	8-5/8" @ 707' w/90 sx 5-1/2" @ 3632' w/370 sx	8	1591 / 2173	Log	3200 / 564	
Texaco	Dow "B" #11 (Skelly Unit #91)	DF 3771	Sec. 28 (D)	10-3/4" @ 648' w/100 sx 7" @ 3043' w/150 sx	12-1/4 8-1/4	1360 / 2411	Log	No info.	
Texaco	Dow "B" #33 (Skelly Unit #93)	DF 3771	Sec. 28 (F)	8-5/8" @ 676' w/95 sx 5-1/2" @ 3609' w/365 sx	8	1275 / 2496	Calculation	3149 / 622	
Texaco	Dow "B" #31 (Skelly Unit #92)	DF 3768	Sec. 28 (E)	8-5/8" @ 686' w/125 sx 5-1/2" @ 3575' w/320 sx 4" liner from 3081'-3714' w/100 sx	8	1524 / 2244	Calculation	3111 / 657	
Texaco	Dow "B" #23 (Skelly Unit #75)	DF 3805	Sec. 21 (N)	8-5/8" @ 663' w/150 sx 7" @ 3286' w/275 sx 4-1/2" liner from 3216'-3600' w/60 sx	8	Surface	Calculation	No info.	
Texaco	Dow "B" #22 (Skelly Unit #74)	DF 3773	Sec. 21 (M)	8-5/8" @ 652' w/155 sx 7" @ 3225' w/200 sx 4-1/2" liner from 3150'-3899' w/98 sx	8	341 / 3432	Calculation	No info.	

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth	Remarks
Texaco	Dow "B" #25 (Skelly Unit #69)	DF 3772	Sec. 21 (L)	8-5/8" @ 640' w/ 160 sx 7" @ 3130' w/275 sx 4-1/2" liner from 3033'-3592' w/160 sx	8	Surface	Calculation	2855 / 917	
Avon	Turner "B" SP #76	GR 3656	Sec. 30 (P)	8-5/8" @ 542' w/100 sx 4-1/2" @ 3597' w/575 sx	10 7-7/8	800 / 2856	TS-1969	3080 / 576	
Arco	Turner "B" #77	GR 3620	Sec. 30 (M)	13-3/8" @ 620' w/750 sx 9-5/8" @ 2950' w/1000 sx 7-5/8" @ 11475' w/500 sx		Circulated Circulated 8910 /		3027 / 593	
Socorro	Turner "B" #57	GR 3607	Sec. 30 (K)	10-3/4" @ 691' w/100 sx	12-1/2 7-7/8			2970 / 637	
Socorro	Turner "B" #56	3617	Sec. 30 (J)	10-3/4" @ 630' w/100 sx 5-1/2" @ 3527' w/100 sx	12-1/4 8	2980 / 637	Log	2991 / 626	
Avon	Turner "B" #53	GR 3636	Sec. 30 (I)	10-3/4" @ 573' w/100 sx 5-1/2" @ 3524' w/150 sx	12-1/4 8	2670 / 966	CBL - 1991	3008 / 628	
Socorro	Max Friess #1	DF 3583	Sec. 30 (B)	8-1/4" @ 524' w/50 sx 7" @ 1852' w/100 sx 5" @ 2830' w/100 sx	10 8 6-1/4			2822 / 761	
				2-7/8" liner from 2615'-3423' w/155 sx		2615 / 968	Circulated		
Avon	Max Friess #2	GR 3599	Sec. 30 (A)	10-3/4" @ 582' w/100 sx 7" @ 3300' w/100 sx		2375 / 1224	Log	2818 / 781	
Socorro	Max Friess #3	GR 3595	Sec. 30 (G)	10-3/4" @ 586' w/100 sx 7" @ 3451' w/100 sx		2400 / 1195	Log	2878 / 697	
Avon	Max Friess #4	GR 3616	Sec. 30 (H)	10-3/4" @ 614' w/100 sx 7" @ 3396' w/100 sx		2210 / 1406	Log	2894 / 722	
Avon	Max Friess #5	KB 3624	Sec. 30 (A)	12-3/4" @ 325' w/500 sx 8-5/8" @ 1391' w/800 sx 5-1/2" @ 3810' w/1100 sx	17-1/2 11 7-7/8	Circulated Circulated Circulated		2886 / 738	
Avon	Turner "B" #71	GR 3692	Sec. 29 (M)	8-5/8" @ 590' w/100 sx 4-1/2" @ 3672' w/100 sx	10 8	3130 / 562	CBL - 1991	3115 / 577	
Avon	Turner "B" #66	GR 3747	Sec. 29 (N)	8-5/8" @ 717' w/100 sx 4-1/2" @ 3706' w/125 sx	10 8	3034 / 713	CBL - 1991	3176 / 571	

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth	Rema
Avon	Turner "B" #63	GR 3737	Sec. 29 (O)	8-5/8" @ 700' w/100 sx 5" @ 3670' w/100 sx	10 8	2810 / 917	CBL - 1991	3185 / 552	
Avon	Turner "B" #68	3747	Sec. 29 (P)	8-5/8" @ 730' w/100 sx 4-1/2" @ 3718' w/130 sx		3174 / 573	CBL - 1991	3226 / 521	
Avon	Turner "B" #86	KB 3719	Sec. 29 (L)	8-5/8" @ 601' w/465 sx 5-1/2" @ 3730' w/1225 sx	12-1/4 7-7/8	Circulated		3132 / 587	
Avon	Turner "B" #87	KB 3752	Sec. 29 (K)	8-5/8" @ 605' w/465 sx 5-1/2" @ 3725' w/1000 sx	12-1/4 7-7/8	Circulated		3186 / 566	
Avon	Turner "B" #88	KB 3758	Sec. 29 (J)	8-5/8" @ 605' w/550 sx 5-1/2" @ 3745' w/1225 sx	12-1/4 7-7/8	Circulated		3203 / 555	
Avon	Turner "B" #64	GR 3671	Sec. 29 (P)	8-5/8" @ 570' w/100 sx 5" @ 3576' w/100 sx	10 8	3026 / 645	CBL 1991	3040 / 631	
Avon	Turner "B" #60	GR 3736	Sec. 29 (K)	10-3/4" @ 625' w/100 sx 5-1/2" @ 3626' w/100 sx	8	3040 / 696	CBL 1990	3122 / 614	
Avon	Turner "B" #61	GR 3740	Sec. 29 (J)	10-3/4" @ 633' w/100 sx 5-1/2" @ 3661' w/100 sx	12-1/4 7-7/8	2195 / 1548	CBL 1991	3148 / 592	
Avon	Turner "B" #62	GR 3749	Sec. 29 (I)	8-5/8" @ 648' w/100 sx 5-1/2" @ 3690' w/100 sx	10 8	2978 / 771	CBL 1990	3163 / 586	
Avon	Turner "B" #80	KB 3692	Sec. 29 (L)	8-5/8" @ 599' w/516 sx 5-1/2" @ 3597' w/1600 sx	12-1/4 7-7/8	Circulated		3046 / 646	
Avon	Turner "B" #81	KB 3756	Sec. 29 (J)	8-5/8" @ 600' w/465 sx 5-1/2" @ 3698' w/1150 sx	12-1/4 7-7/8	Circulated		3108 / 648	
Avon	Turner "B" #82	KB 3761	Sec. 29 (J)	8-5/8" @ 602' w/824 sx 5-1/2" @ 3724' w/1040 sx	12-1/4 7-7/8	Circulated		3128 / 633	
Avon	Turner "B" #52	GR 3646	Sec. 29 (E)	10-3/4" @ 558' w/100 sx 5-1/2" @ 3451' w/150 sx	12-1/2 8	2592 / 1054	CBL 1990	2940 / 706	
Avon	Turner "B" #54	GR 3696	Sec. 29 (F)	10-3/4" @ 553' w/100 sx 5-1/2" @ 3525' w/125 sx	12-1/2 8	2730 / 966	CBL 1991	3002 / 694	
Avon	Turner "B" #49	GR 3738	Sec. 29 (G)	10-3/4" @ 581' w/100 sx 7" @ 3502' w/100 sx		2490 / 1248	CBL 1991	3057 / 681	

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth	Remarks
Avon	Turner "B" #55	GR 3763	Sec. 29 (H)	10-3/4" @ 631' w/100 sx 5-1/2" @ 3640' w/100 sx	12 8	3084 / 679	CBL 1991	3100 / 663	
Arco	Turner "B" #58	GR 3644	Sec. 29 (E)	13-3/8" @ 230' w/300 sx 9-5/8" @ 3825' w/2508 sx 5-1/2" @ 9900' w/150 sx	17-1/2	Circulated 9430 /	Log 1959	2909 / 735	
Avon	Turner "B" #83	KB 3671	Sec. 29 (F)	8-5/8" @ 628' w/350 sx 5-1/2" @ 3493' w/950 sx	12-1/4 7-7/8	Circulated		2934 / 733	
Avon	Turner "B" #84	KB 3737	Sec. 29 (B)	8-5/8" @ 626' w/505 sx 5-1/2" @ 3550' w/1650 sx	12-1/4 7-7/8	Circulated		3007 / 730	
Avon	Turner "B" #85	KB 3751	Sec. 29 (B)	8-5/8" @ 630' w/350 sx 5-1/2" @ 3597' w/1000 sx	12-1/4 7-7/8	Circulated		3035 / 716	
Avon	Turner "B" #50	GR 3626	Sec. 29 (D)	10-3/4" @ 598' w/100 sx 7" @ 3374' w/100 sx	8-3/4	2275 / 1351	CBL 1991	2855 / 771	
Sinclair	Turner "B" #75	3626	Sec. 29 (D)	8-5/8" @ 1608' w/650 sx		Circulated		2825 / 801	
Avon	Turner "B" #48	GR 3675	Sec. 29 (C)	9-5/8" @ 500' w/250 sx 7" @ 3431' w/200 sx	8-3/4	2205 / 1470	CBL 1990	2884 / 791	
Avon	Turner "B" #47	3709	Sec. 29 (B)	10-3/4" @ 556' w/100 sx 7" @ 3450' w/100 sx		2412 / 1297	CBL 1991	2927 / 782	
Avon	Turner "B" #59	GR 3747	Sec. 29 (A)	10-3/4" @ 593' w/100 sx 5-1/2" @ 3486' w/150 sx		2126 / 1621	CBL 1990	2986 / 761	
Avon	Turner "B" #43	DF 3620	Sec. 20 (M)	8-5/8" @ 528' w/50 sx 5-1/2" @ 3237' w/125 sx		2627 / 993	CBL 1991	2768 / 852	
Avon	Turner "B" #44	DF 3684	Sec. 20 (N)	8-5/8" @ 471' w/270 sx 5-1/2" @ 3340' w/125 sx	12-1/4 7-7/8	2535 / 1149	TS 1955	2854 / 830	
Avon	Turner "B" #45	DF 3699	Sec. 20 (O)	8-5/8" @ 558' w/50 sx 5-1/2" @ 3349' w/200 sx	11 8	1803 / 1896	Calculation	2860 / 839	
Avon	Turner "B" #72	GR 3708	Sec. 20 (O)	8-5/8" @ 1600' w/600 sx 4-1/2" @ 7233' w/1300 sx	7-7/8	above 1400 / 2308	CBL 1991	2865 / 843	
Avon	Turner "B" #46	DF 3742	Sec. 20 (P)	8-5/8" @ 530' w/50 sx 5" @ 0-3050 5-1/2" @ 3050-3449 w/225 sx	10 8	2000 / 1742	Calculation	2890 / 852	

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth	Re
Avon	Turner "B" #92	KB 3654	Sec. 20 (N)	8-5/8" @ 589' w/465 sx 5-1/2" @ 3800' w/1500 sx	12-1/4 7-7/8	Circulated		2768 / 886	
Avon	Turner "B" #93	KB 3701	Sec. 20 (N)	13-3/8" @ 452' w/650 sx 8-5/8" @ 1421' w/700 sx 5-1/2" @ 3821' w/900 sx	17-1/2 12-1/4 7-7/8	Circulated		2824 / 877	
Avon	Turner "B" #94	KB 3754	Se.c 20 (I)	11-3/4" @ 362' w/425 sx 8-5/8" @ 1407' w/600 sx 5-1/2" @ 3870' w/1100 sx	14-3/4 11 7-7/8	Circulated		2864 / 890	
Avon	Turner "B" #67	GR 3625	Sec. 20 (L)	13-3/8" @ 470' w/525 sx 8-5/8" @ 3800' w/900 sx 4-1/2" liner from 3697'-7221' w/910 sx		1010 / 2615	Log	2740 / 885	
Avon	Turner "B" #79	GR 3665	Sec. 20 (K)	9-5/8" @ 605' w/350 sx 7" @ 3530' w/500 sx	8-3/4	1300 / 2365	Log	2733 / 932	
Avon	Turner "B" #78	GR 3688	Sec. 20 (J)	8-5/8" @ 531' w/200 sx 4-1/2" @ 3600' w/250 sx	11 6	2400 / 1288	Log	2748 / 940	
Avon	Turner "B" #51	GR 3733	Sec. 20 (I)	8-5/8" @ 636' w/100 sx 5-1/2" @ 3210' w/175 sx		2542 / 1191	CBL - 1991	2773 / 960	
Avon	Turner "B" #95	KB 3649	Sec. 20 (L)	8-5/8" @ 603' w/465 sx 5-1/2" @ 3700' w/3050 sx	12-1/4 7-7/8	1200 / 2449	CBL - 1991	2714 / 935	
Avon	Turner "B" #96	KB 3675	Sec. 20 (G)	8-5/8" @ 597' w/600 sx 5-1/2" @ 3752' w/3000 sx	12-1/4 7-7/8	Circulated		2742 / 933	
Avon	Turner "B" #97	KB 3722	Sec. 20 (H)	11-3/4" @ 369' w/400 sx 8-5/8" @ 1369' w/500 sx 5-1/2" @ 3789' w/1050 sx	14-3/4 11 7-7/8	Circulated		2760 / 962	
Avon	Turner "B" #11	GR 3710	Sec. 20 (H)	8-1/4" @ 561' w/50 sx 7" @ 2829' w/100 sx + 50 sx 4-1/2" @ 3501' w/200 sx	8 6-1/4	1180 / 2530	TS 1969	2734 / 976	
Avon	Turner "B" #89	KB 3645	Sec. 29 (C)	8-5/8" @ 605' w/465 sx 5-1/2" @ 3800' w/2375 sx	12-1/4 7-7/8	Circulated		2846 / 799	
Avon	Turner "B" #90	KB 3700	Sec. 29 (C)	8-5/8" @ 606' w/465 sx 5-1/2" @ 3603' w/1120 sx	12-1/4 7-7/8	Circulated		2888 / 812	
Avon	Turner "B" #91	KB 3732	Sec. 29 (A)	8-5/8" @ 598' w/465 sx 5-1/2" @ 3617' w/1500 sx	12-1/4 7-7/8	Circulated		2932 / 800	

AVON ENERGY CORP. - TURNER "B" WATERFLOOD EXPANSION
C-108 SUBMITTAL DATA

Current Operator	Lease & Well	Elevation	Location Section (Unit)	Casing & Cementing Record Size, Depth Set & Sacks	Hole Size In.	Top of Cement Measured/Subsea Depth	Determined By	Top of Grayburg Measured/Subsea Depth
Avon	Friess #13	DF 3596	Sec. 19 (P)	8-5/8" @ 514' w/50 sx 7" @ 3194' w/150 sx	8	2232 / 1364	Calculation	2762 / 834
Avon	Friess #10	GR 3599	Sec. 19 (P)	8-5/8" @ 494' w/50 sx 7" @ 1783' w/130 sx 4-1/2" liner from 1715'-3308' w/225 sx	8-1/4 6-1/4	Circulated 1715 / 1884		2785 / 814
Marbob	Friess #16	KB 3612	Sec. 19 (P)	8-5/8" @ 1503' w/574 sx 5-1/2" @ 7048' w/1040 sx	11 7-7/8	Surface	Calculation	2764 / 848
Arco	Turner "B" #74	DF 3748	Sec. 29 (A)	8-5/8" @ 1600' w/776 sx 4-1/2" @ 7250' w/1300 sx	11 7-7/8	1520 / 2228		2954 / 781
Marbob	Turner "B" #73	GR 3660	Sec. 29 (C)	8-5/8" @ 1600' w/800 sx 4-1/2" @ 7185' w/1100 sx		590 / 3070		No info.
Marbob	Turner "B" #70	GR 3627	Sec. 20 (M)	8-5/8" @ 1600' w/900 sx 4-1/2" @ 7200' w/1300 sx		Circulated		2787 / 840
Marbob	Turner "B" #69	GR 3688	Sec. 29 (B)	13-3/8" @ 312' w/100 sx 8-5/8" @ 1600' w/1100 sx 4-1/2" @ 7230' w/1100 sx	7-7/8	Circulated 1400 / 2288		2912 / 776
Marbob	Turner "B" #65	GR 3676	Sec. 20 (N)	13-3/8" @ 477' w/525 sx 8-5/8" @ 3800' w/3300 sx 4-1/2" @ 7497' w/500 sx		4800 / 1124		2854 / 822
Avon	Turner "B" #98	KB 3668	Sec. 29 (M)	12-3/4" @ 398' w/500 sx 8-5/8" @ 1485' w/700 sx 5-1/2" @ 3750' w/1100 sx	17-1/2 11 7-7/8	Circulated		3085 / 583
Avon	Turner "B" #99	KB 3653	Sec. 29 (L)	12-3/4" @ 332' w/525 sx 8-5/8" @ 1418' w/800 sx 5-1/2" @ 3700' w/1250 sx	17-1/2 11 7-7/8	Circulated		2997 / 656
Avon	Turner "B" #100	KB 3623	Sec. 20 (M)	11-3/4" @ 465' w/425 sx 8-5/8" @ 1422' w/550 sx 5-1/2" @ 3576' w/750 sx	14-3/4 11 7-7/8	Circulated		2794 / 829