

Eastham
Johnson
Monnheimer
Jontz, P.C.

ATTORNEYS AT LAW

500 Marquette NW
Suite 1200
Albuquerque, NM
87102-5311

P.O. Box 1278
87103-1278

505-247-2315

Facsimile
505-764-5480

May 8, 1998

Oil Conservation Division
PO Box 6429
Santa Fe, NM 87505

Re: Case 11973 - Application of Shahara Oil, LLC, for
(1) Approval of a Waterflood/Enhanced Oil Recovery
Project, Eddy County, New Mexico, (2) Approval of
Five Unorthodox Oil Well Locations within that
Project and (3) Qualification of that Project for
the Recovered Oil Tax Rate

Gentlemen:

Shahara Oil's Application in the captioned case was
filed April 2. As pointed out to you at that time, the
Oil Conservation Division's Form C-108 referenced in
paragraph 9 of the Application was not attached. That
Form has now been completed, and three copies thereof are
forwarded to you with this letter.

It is my understanding that the hearing originally
scheduled for April 30 has been rescheduled for May 28.

Very truly yours,

Paul A. Cooter

PAC/smb
enclosure
cc: Perry Hughes

DR. P. A. HAY
ROBERT A. JENSEN
DONALD B. MONNHEIMER
DENNIS E. JONTZ
C. JAMES BURENSEN
BRUCE E. CASTLE
JAMES L. RASMUSSEN
STEPHEN R. NELSON
A. DREW HOFFMAN
RICHARD A. SACHALD
R. THOMAS DAVE
KATHLEEN DAWSON LEBER
MARILYN C. O'LEARY
ROSS J. CROWN
P. RENEE REIMER
CLINTON W. MARRS
NICKAY E. MANNING
CHARLOTTE LAYMONI
ALAN HA
JAMES T. REIST
KARLA A. WINE
TAYLOR ABELL
ANNE H. BRADY
J. ANTHONY GARY
LAWRENCE K. KIRKLAND

ALAN A. JENSEN

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Shahara Oil, LLC
Address: 207 West McKay Carlsbad, NM 88220
Contact party: Perry L. Hughes Phone: 505-885-5433
- 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? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____.
- 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: Thallia Marshall Title: Agent
Signature: Thallia Marshall Date: 05/06/98
- * 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. _____

ATTACHMENT TO OCD FORM C-108

SHAHARA OIL, LLC BEESON "F" FEDERAL LEASE WATERFLOOD PROJECT

- I. Purpose - Application is made for authorization to inject water into the Queen/Grayburg/San Andres formations underlying the Beeson "F" Federal Lease in Sections 29 & 31 of Township 17 South, Range 30 East, Eddy County, New Mexico, as shown on the attached Exhibit "A". The proposed project is an enhanced recovery program designed to economically recover additional oil reserves to the benefit of all parties holding an interest in the Lease Area.
- II. Operator - Shahara Oil, LLC
207 W McKay, Carlsbad, NM 88220
- III. Injection Well Data - The required well data and schematic diagrams of Beeson "F" Federal Lease Nos. 2, 3, 5, 6, 7, 8, 9, 11, 12, 13, 26, and 27 are enclosed as Exhibit "B".
- IV. Under the Loco Hills Waterflood Project Division Order No. R-2031 and amended by Order No. R-2031-A, injection of water into the Loco Hills Sand of the Grayburg formation was authorized. This Order was then supplemented by Administrative Orders WFX No. 155, No. 165 and No. 186, authorizing injection into the Grayburg and San Andres formations. At this time, no injection into these formations is occurring.
- V. Maps - The attached Exhibit "A" and Exhibit "A-1" identify the proposed injection wells, the Area of Review within one-half mile of a proposed injection well, and all wells and leases within two miles of a proposed injection well.
- VI. Well Data - The well data for the wells within the Area of Review is attached as Exhibit "C" and the well data and schematic diagrams for all plugged and abandoned well bores within the Area of Review are attached as Exhibit "D".
- VII. Proposed Operations:
 1. Proposed average daily injection rate - 250 BWPD/well
Proposed maximum daily injection rate - 500 BWPD/well
 2. A closed injection system will be maintained.
 3. An average injection pressure of approximately 2000 psi is anticipated. The maximum injection pressure will be subject to the injection pressures authorized by the Oil Conservation Division.
 4. The proposed injection fluid will consist of water produced by the Beeson "F" Federal Lease and produced water purchased from other operators in the immediate area.

- VIII. Geological Data - The proposed injection interval is in the Queen/Grayburg/San Andres formations at a depth of 2300 to 3300 feet. The Queen formation is predominantly sand. The Grayburg formation primarily consists of quartz sands with dolomitic cementation; while, the San Andres formation primarily consists of dolomite with intermingled stringers of quartz sand with dolomitic cementation. The surface formation is Cretaceous and has no known sources of drinking water.
- IX. Stimulation - Small acid treatments of about 2000 gallons per well have been sufficient to open the perforations for injection. Some of the wells proposed to be converted to injectors have been shot or fraced previously.
- X. Logging Data - The available logs are those on file with the Oil Conservation Division from the original operators of the wells.
- XI. Fresh Water Wells - No fresh water wells are located in the area of review.
- XII. Not applicable.
- XIII. Proof of Notice - Copies of this C-108 Application have been mailed to the surface owner and to each leasehold operator within one-half mile of the proposed injection wells. An Affidavit of such notice is attached Exhibit "E". Copies of the return receipts will be furnished upon request.

- VIII. Geological Data - The proposed injection interval is in the Queen/Grayburg/San Andres formations at a depth of 2300 to 3300 feet. The Queen formation is predominantly sand. The Grayburg formation primarily consists of quartz sands with dolomitic cementation; while, the San Andres formation primarily consists of dolomite with intermingled stringers of quartz sand with dolomitic cementation. The surface formation is Cretaceous and has no known sources of drinking water.
- IX. Stimulation - Small acid treatments of about 2000 gallons per well have been sufficient to open the perforations for injection. Some of the wells proposed to be converted to injectors have been shot or fraced previously.
- X. Logging Data - The available logs are those on file with the Oil Conservation Division from the original operators of the wells.
- XI. Fresh Water Wells - No fresh water wells are located in the area of review.
- XII. Not applicable.
- XIII. Proof of Notice - Copies of this C-108 Application have been mailed to the surface owner and to each leasehold operator within one-half mile of the proposed injection wells. An Affidavit of such notice is attached Exhibit "E". Copies of the return receipts will be furnished upon request.

Exhibit "B"

Well Data and Schematic Diagrams of Proposed Injection Wells

Shahara Oil, LLC
Attachment to OCD Form C-108

Exhibit "B"
Proposed Injection Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	ID	PBID	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Shahara Oil LLC Beeson "F" Federal No. 2 330' FSL & 330' FWL, Unit M Section 31-T17S-R30E	04/76	3070'	3061'	8 1/4" 7"	505' 2646'	50sx 100sx		GB San Andres 2982'-3014'	Acid: 100 qts Nitro Acid: 500 gal 15% HCL Frac: 40,000 gal, 20,000# 20/40 sand & 40,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 3 345' FSL & 2310' FWL, Unit N Section 31-T17S-R30E	12/14/39	2,850		8 1/4" 7"	757' 2678'	75sx 100sx		GB San Andres 2679'-2850'	Acid: 100 qts Nitro Frac: 21,000 gals & 12,500# 20/40 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 5 2310' FNL & 1650' FEL, Unit G Section 31-T17S-R30E	05/51	2851'		8 1/4" 7"	619' 2722'	50sx 100sx		GB San Andres 2308'-2344'	Acid: 120 qts Nitro	TA
Phillips Petroleum Company Beeson "F" Federal No. 6 2310' FNL & 330' FEL, Unit H Section 31-T17S-R30E	12/08/93	3136'		8 5/8" 7"	636' 2340'	50sx		GB San Andres 2859'-2879'		P&A
Shahara Oil LLC Beeson "F" Federal No. 7 990' FNL & 330' FEL, Unit A Section 31-T17S-R30 E	08/22/51	3187'		8 5/8" 7"	644' 2733'	50sx 100sx		GB San Andres 3000'-3087'	Acid: 220 qts Nitro Frac: 60,000 gal & 60,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 8 330' FSL & 1650' FEL, Unit O Section 29-T17S-R30E	08/20/41	3099'		8 1/4" 7"	686' 3017'	50sx 100sx		GB San Andres 3080'-3099'	Acid: 100 qts Nitro Frac: 22,344 gal & 30,000# 20/40 & 2000# 10/20 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 9 330' FSL & 2310' FWL, Unit N Section 29-T17S-R30E	10/04/76	3069'	2870'	8 5/8" 7"	625' 2941'	50sx 100sx		GB San Andres 2544'-2806'	Frac: 20,00 gal & 20,000# Frac: 30,000 gal wtr & 30,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 11 1650' FNL & 330' FEL, Unit H Section 31-T17S-R30E	05/07/52	3100'	2949'	8 5/8" 7"	482' 3001'	50sx 100sx		GB San Andres 2836'-3100'	Stratafrac 1500 gal	Producing
Shahara Oil LLC Beeson "F" Federal No. 12 990' FSL & 1571' FWL, Unit N Section 31-T17S-R30E	11/12/47	3081'		8 5/8" 7"	525' 2700'	75sx 100sx		GB San Andres 2795'-3081'	Acid: 120 qts Nitro Acid: 5000 gals 15% NEFE	Producing

Exhibit "B"

Proposed Injection Well Data

Attachment to Beeson "F" Federal Lease C-108

[illegible]

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 2

330' FSL & 330' FWL, Unit M

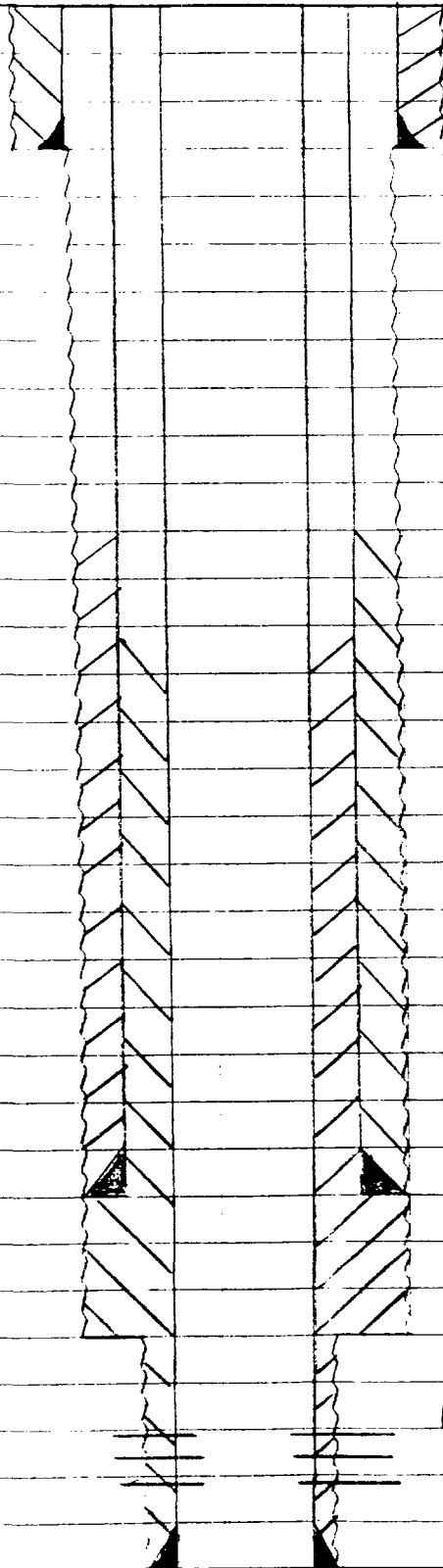
Section 31-T17S-R30E

Eddy, New Mexico

Completion Date, 04/76

WTS, NO

INITIAL Completion 8/39



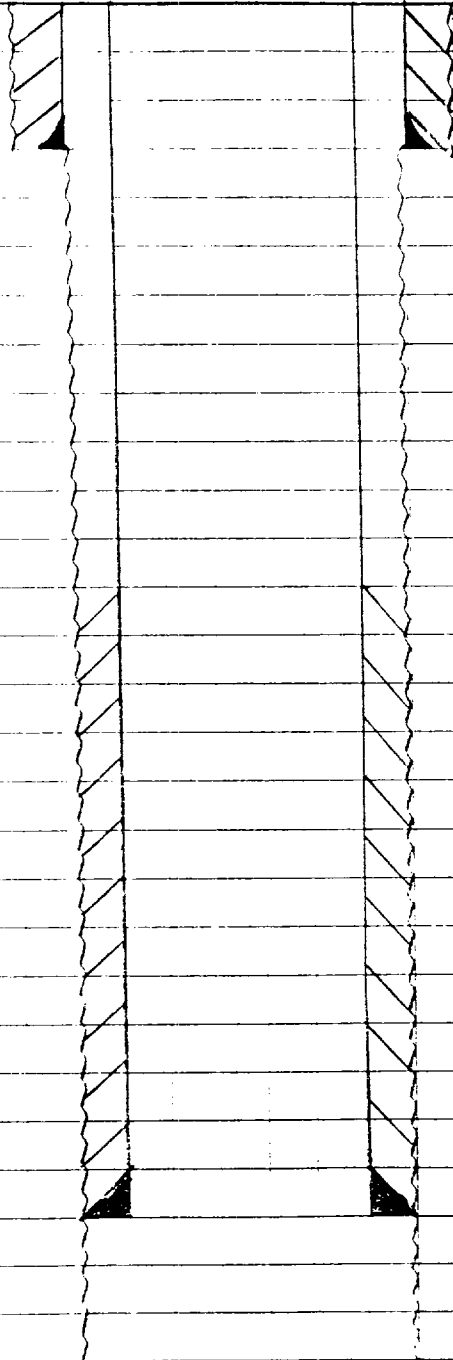
WILL PERF OTHER GRABURG SANDS, ACIDIZE, SET PKR < 100' ABOVE

TOP PERF.

4/5/98

Proposed Injection Well
Shahara Oil LLC
Beeson "F" Federal No. 3
345' FSL & 2310' FWL, Unit N
Section 31-T17S-R30E
Eddy, New Mexico
Completion Date 12/14/39

ORIGINAL COMPLETION 12/39



10" Hole @ 758'
8⁵/₈" 24# SA 758' W/7554

CAL TOC 1065'

7" 20# SA 2679' W/10054

8" Hole @ 2850'

WILL DEEPEN TO 3200', ACIDIZE, AND SET PERL ≈ 2625'

11/5/3/98

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 5

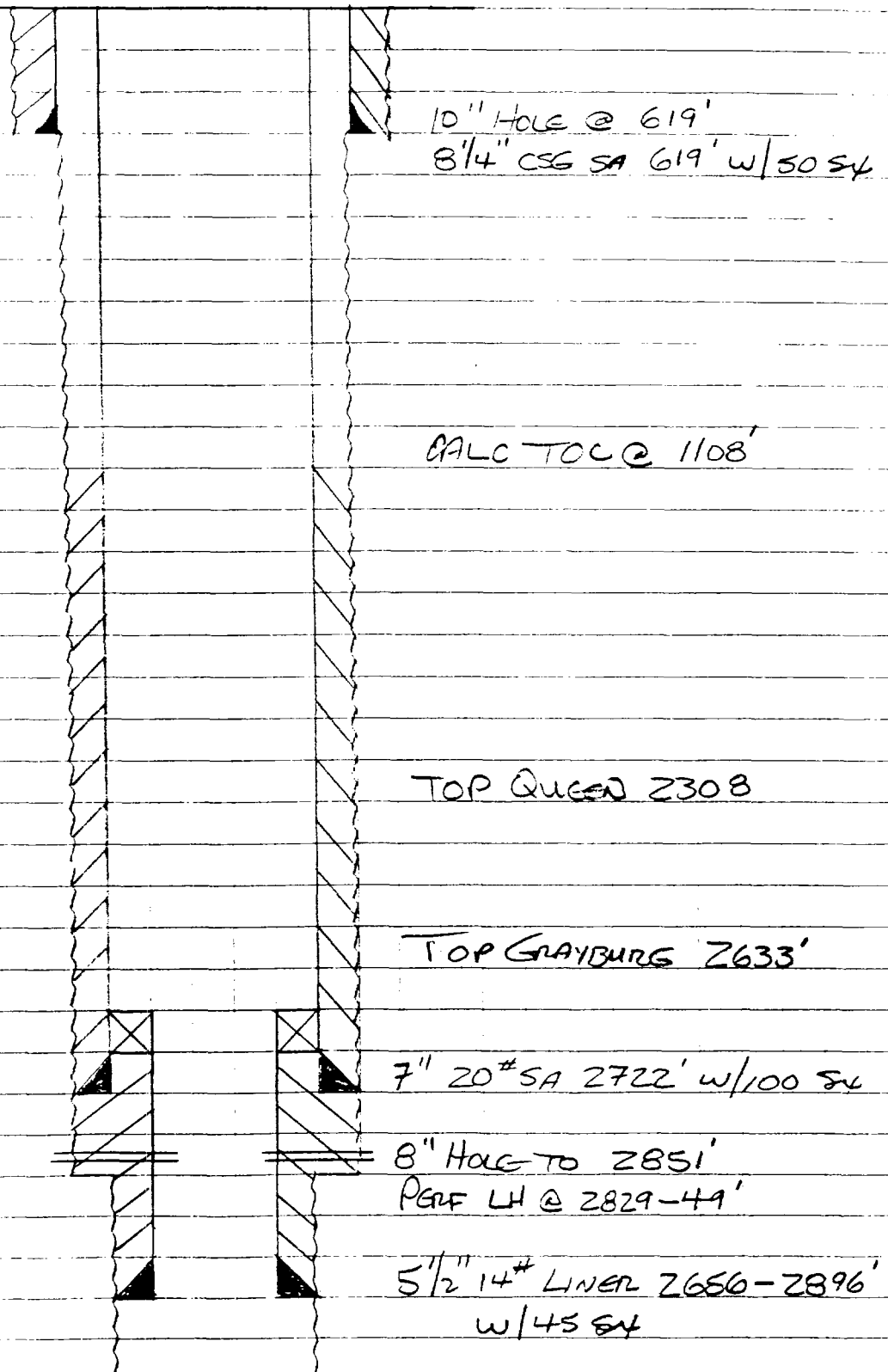
2310' FNL & 1650' FEL, Unit G

Section 31-T17S-R30E

Eddy, New Mexico

Completion Date 05/51

ORIGINAL COMACTION 4/40



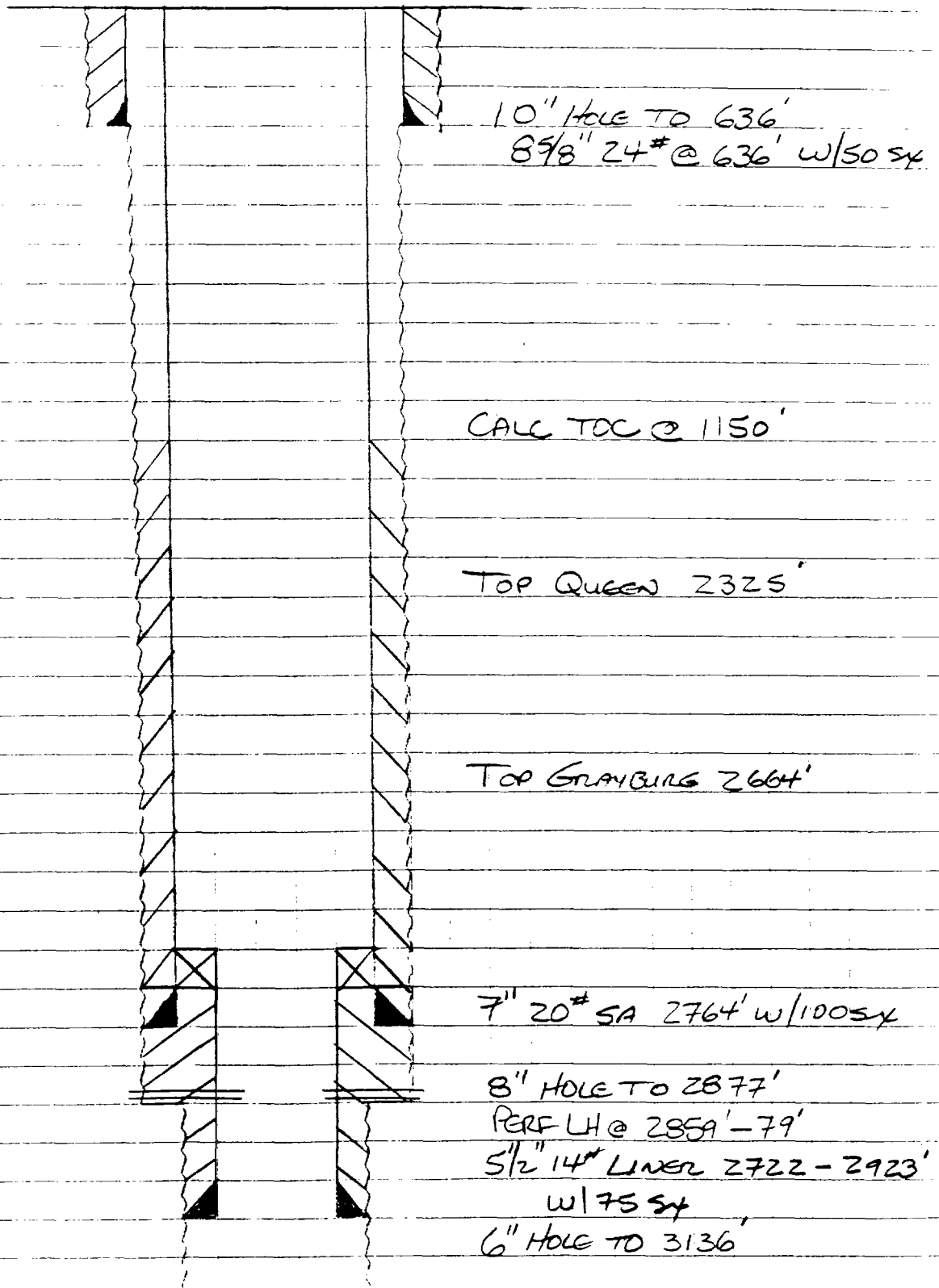
WILL ACIDIZE PERFS & OH & SET PER
JUST ABOVE TOP OF 5 1/2" LINER

6 1/4" HOLE TO 3101'

6/5/98

Proposed Injection Well
Phillips Petroleum Company
Beeson "F" Federal No. 6
2310' FNL & 330' FEL, Unit H
Section 31-T17S-R30E
Eddy, New Mexico
Completion Date 12/08/93

ORIGINAL Completion 6/40



Will Acidize Perfs & OH, PKR TO BE SET JUST ABOVE
TOP OF 5 1/2" LINER

H 5/5/98

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 7

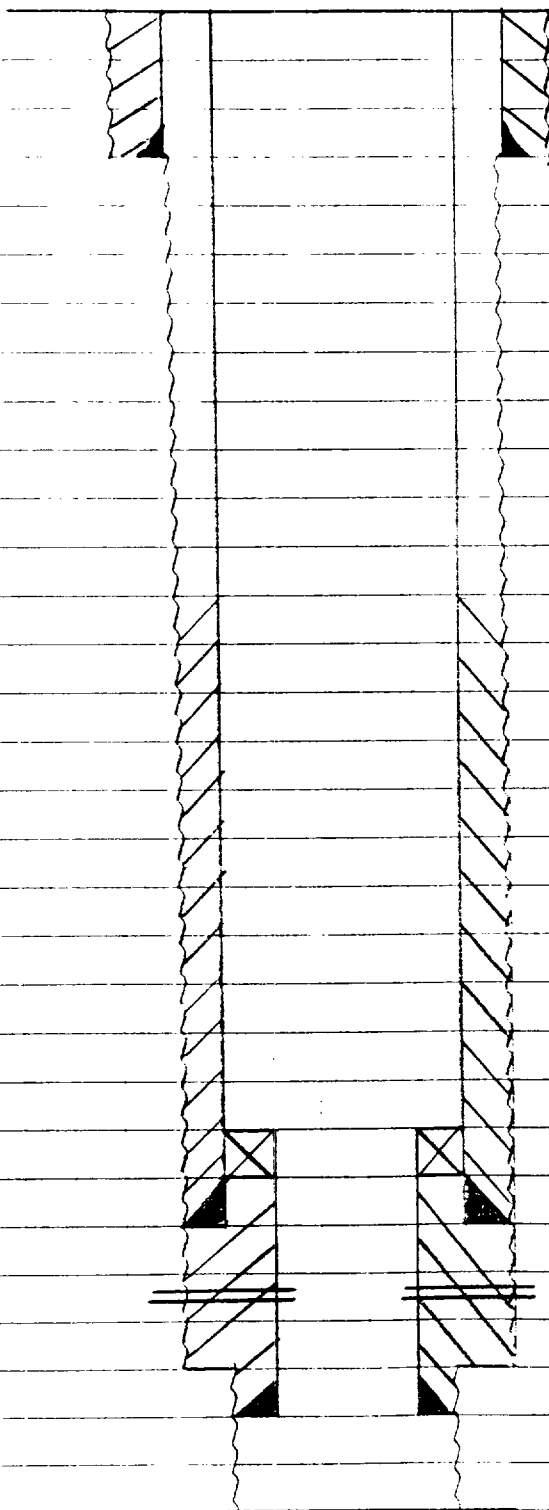
990' FNL & 330' FEL, Unit A

Section 31-T17S-R30E

Eddy, New Mexico

Completion Date 08/22/51

ORIGINAL Completion 8/40

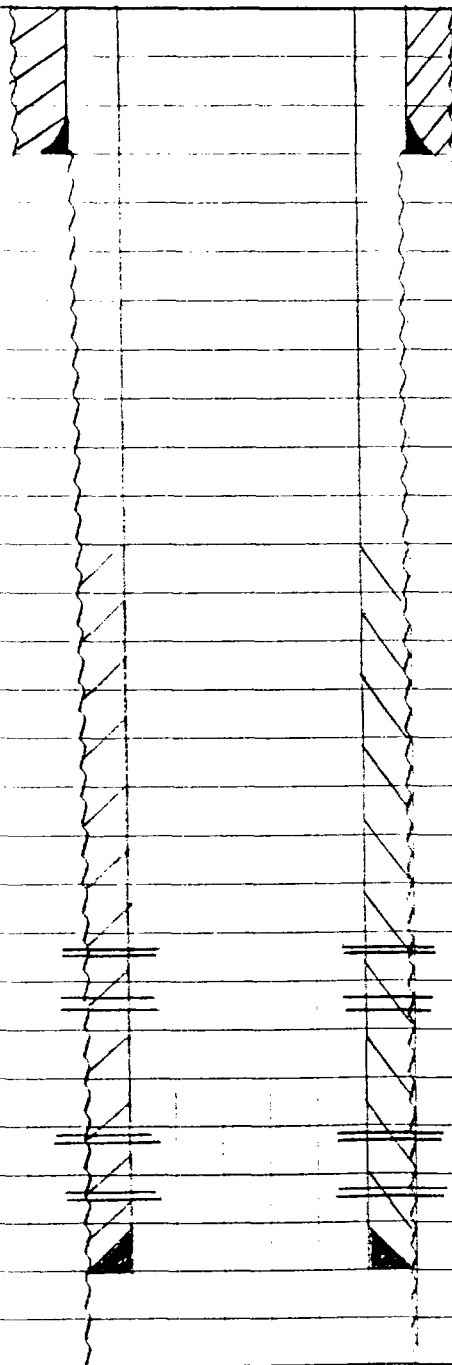


Will Acidize Perfs & Open Hole & Set PCP JUST ABOVE TOP OF LINER

11/5/98

Proposed Injection Well
Shahara Oil LLC
Beeson "F" Federal No. 8
330' FSL & 1650' FEL, Unit O
Section 29-T17S-R30E
Eddy, New Mexico
Completion Date 08/20/41

ORIGINAL Completion 8/41



10" Hole @ 686'
8 1/4" 24# @ 686' w/50 SY

CALC TOC @ 1403'

TOP QUEEN 2320'
PERF QUEEN 2320-34'
PERF PENROSE 2589-99'
TOP GRAYBURG 2750'
PERF LOW HILLS 2818-20 & 2845-50
PERF MCTEX 2970-80'
7" 20# SA 3017' w/100 SY
Premier in OK.
8" Hole to 3099'

WELL TO BE DEEPEND TO 3350 (SAN ANDRES LOVINGTON), ACIDIZE, PER
TO BG SET $\approx$ 2250'

H5/5/98

Proposed Infection Well

Shahara Oil LLC

Beeson "F" Federal No. 9

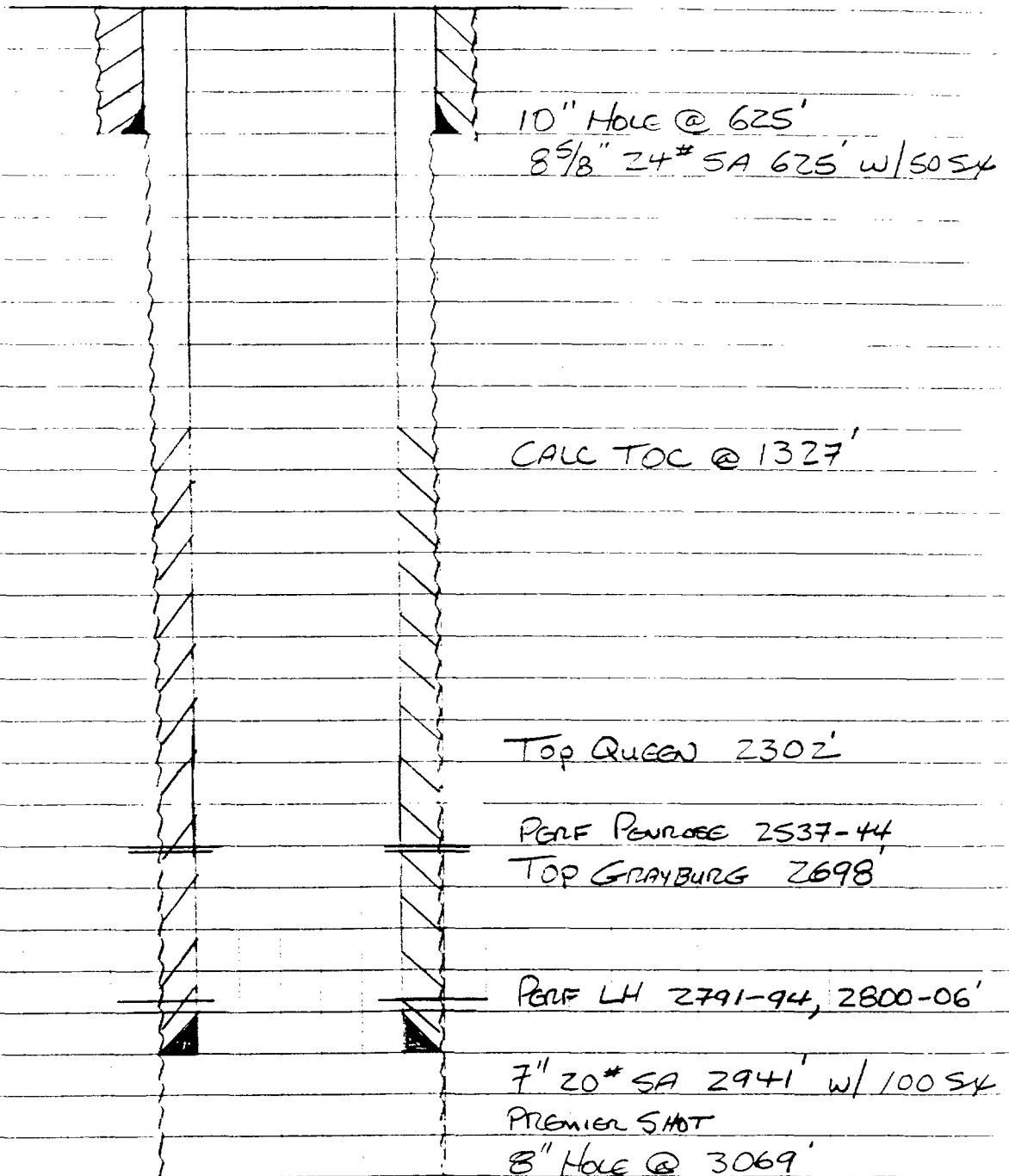
330' FSL & 2310' FWL, Unit N

Section 29-T17S-R30E

Eddy, New Mexico

Completion Date 10/04/76

ORIGINAL COMPLETION 12/41

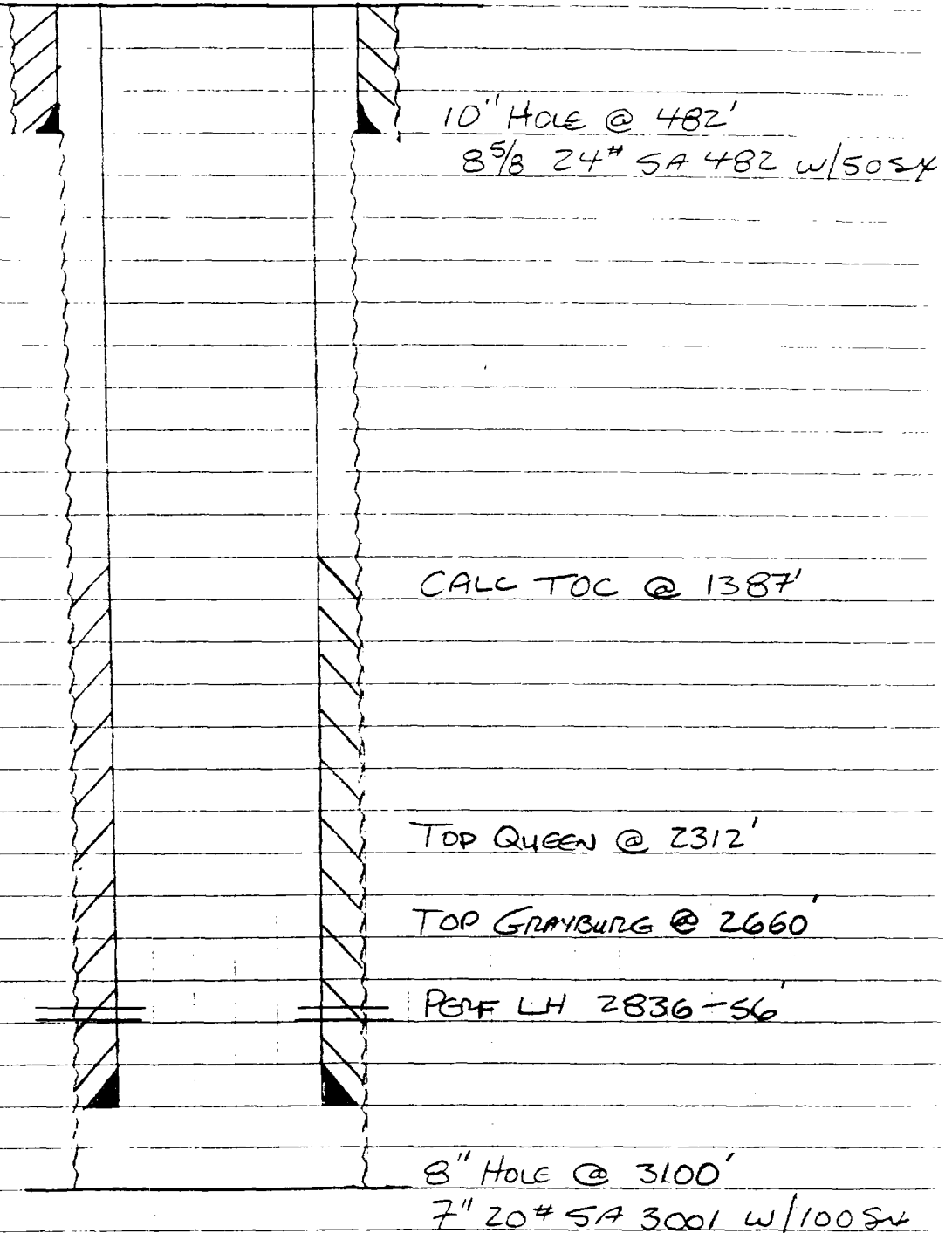


WELL TO BE DEEPENED TO 3350 (SAN ANTONIO LOUINGTON), ACIDIZE.
PERF TO BE SET ~ 2475' (100' ABOVE TOP PERF.)

H 5/5/98

Proposed Injection Well
Shahara Oil LLC
Beeson "F" Federal No. 11
1650' FNL & 330' FEL, Unit H
Section 31-T17S-R30E
Eddy, New Mexico
Completion Date 05/07/52

ORIGINAL Completion 5/52



ACIDIZE PERFS & O.H., SET PERZ WITHIN 100' OF TOP PERF

H/S/S/98

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 12

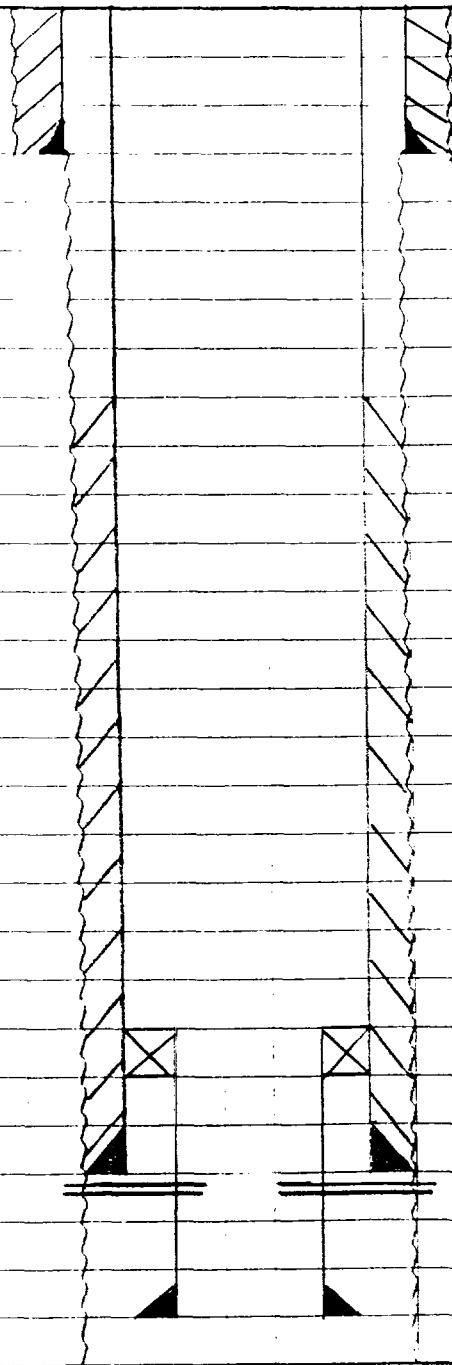
990' FSL & 1571' FWL, Unit N

Section 31-T17S-R30E

Eddy, New Mexico

Completion Date 11/12/47

ORIGINAL Completion 11/47



10" HOLE @ 525'

8 5/8 24# SA 525 w/7534

CALC TOC @ 1086'

TOP QUINN 2295'

TOP GRAIBURG 2626'

5 1/2" 14# LINER SET 2675-2924'

PERF @ 2814-33'

7" 20# SA 2700' w/100SY

LOC HILLS & PREMIER SMDT

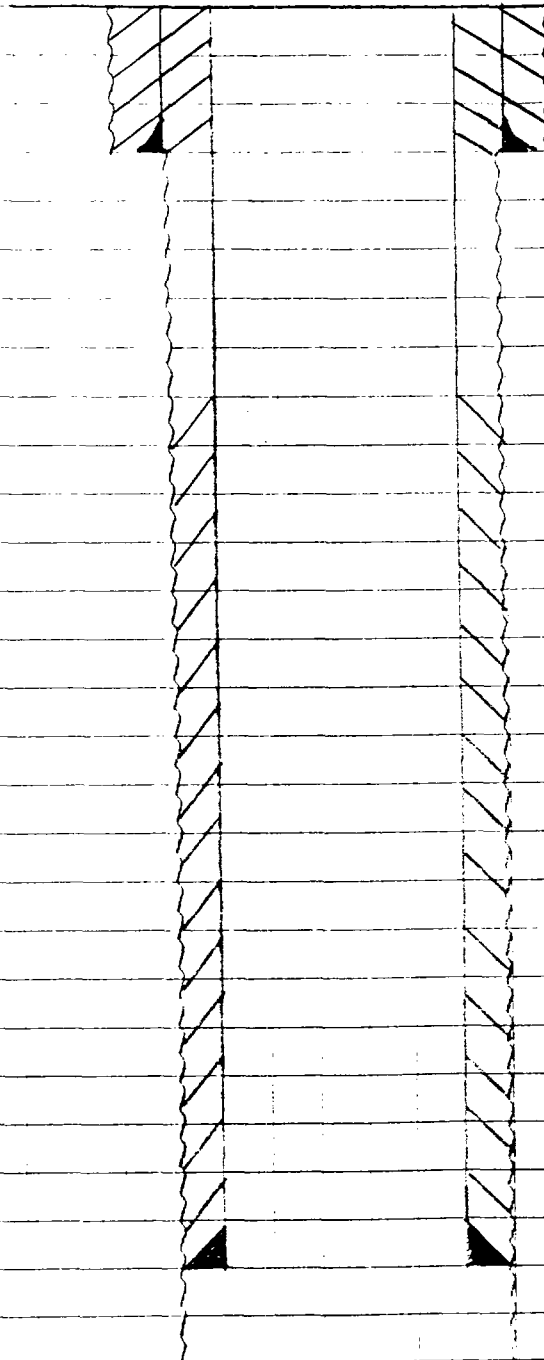
8" HOLE @ 3081'

PERFS & OPEN HOLE TO BE ACIDIZED. PERF TO BE SET IN 7" WITHIN 100' OF HIGHEST PERF.

H/5/5/98

Proposed Injection Well
General American Oil Company of Tx
Beeson "F" Federal No. 13
2310' FSL & 2232' FWL, Unit K
Section 31-T17S-R30E
Eddy, New Mexico
Completion Date 11/20/82

ORIGINAL Completion 6/62



12 1/2" HOLE TO 423'
10 3/4" 32.75# SET & PULLED @ 423'
Pumped 200 SY INCON w/6%
GEL AROUND TOP OF 7"

CALC TOP OF NGAT CMT
@ 1186'. CALC LEAD CMT
CIRC.

Top Queen 2290'

Top GRAYBURG 2618'

7" 23# SA 2800' w/100 SY
INCON & 94 SY INCON w/6% GEL
8" HOLE TO 2827'

WELL TO BE DEEPENED TO 3200' (THRU GRAYBURG), 4 1/2" CSG SET &
CMT TO SURFACE, PERF AND ACIDIZE. PKL TO BE SET ~ 100' ABOVE
TOP PERF.

AS/5/98

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 27

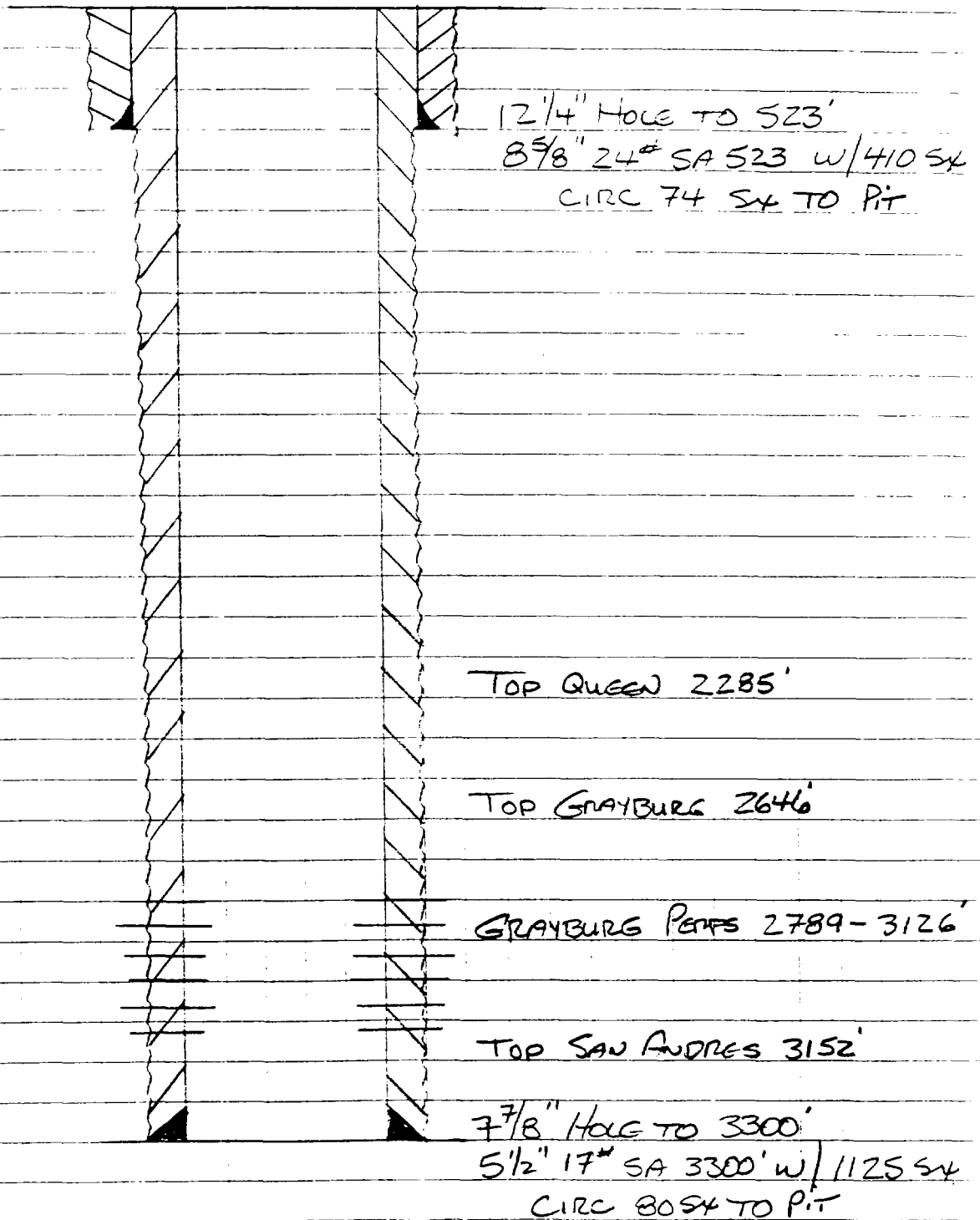
1015' FNL & 1524' FEL, Unit B

Section 31-T17S-R30E

Eddy, New Mexico

Completion Date 02/24/98

INITIAL Completion 4/98



WILL SET PER ± 2700'

4/5/98

Proposed Injection Well

Shahara Oil LLC

Beeson "F" Federal No. 26

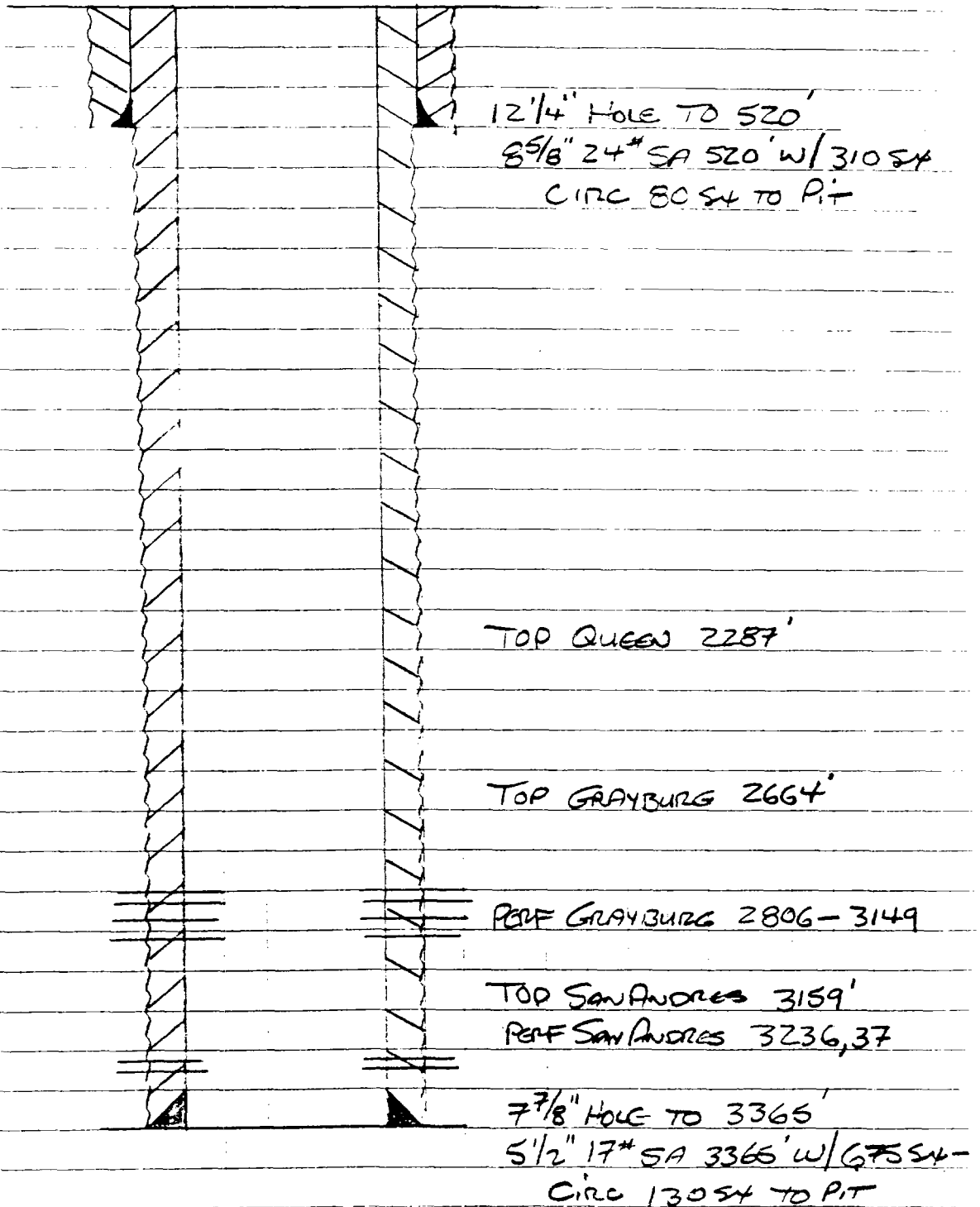
1976' FSL & 820' FWL, Lot 3

Section 31-T17S-R30E

Eddy, New Mexico

Completion Date 04/30/98

INITIAL Completion 5/98



SET PER @ ± 2725'

12/5/6/98

Exhibit "C"

Well Data for
Wells Within the
Area of Review

Shahara Oil, LLC
Attachment to OCD Form C-108

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Enron Oil & Gas Company State "A" #1 330' FSL & 1650' FEL, Unit O Section 36-T17S-R29E	03/09/40	3146'	3140'	8 1/4" 7"		50sx 100sx		GB San Andres 3010'-3104'	Acid: 3000gals	Producing
Marbob Energy Corporation Burch Keely Unit #193 660' FSL & 1980' FEL, Unit O Section 30-T17S-R30E	03/26/73	3438'	3432'	8 5/8" 4 1/2"		100sx 325sx		GB San Andres 2745'-3212'	Acid: 4000 gals Frac: 30,000 gals & 30,000#	Producing
Marbob Energy Corporation Burch Keely Unit 660' FSL & 660' FEL, Unit P Section 30-T17S-R30E	05/10/88	3600'	3552'	8 5/8" 5 1/2"		350sx 600sx		GB San Andres 2507'-3390'	Acid: 8300 gals Frac: 78,000 gals gel & 15,000# 20/40 sand	Producing
Yates Petroleum Corporation Tallmadge #3 330'FNL & 330' FEL, Unit B Section 32-T17S-R30E	04/26/40	3129'		8" 7"		30sx 50sx		GB San Andres 3084'-3104'	Acid: 100 qts Nitro	Producing
Enron Oil & Gas Sand Tank 32 State Com. #1 660' FNL & 1980' FWL, Unit N Section 32-T17S-R30E	09/30/96	11725'	11457'	8 5/8" 5 1/2"	1350'pp 1550'p	4006sx 11506sx		11,217'-11352'		Producing
Yates Petroleum Corporation State B #9 990' FWL & 1650' FSL, Unit L Section 32-T17S-R30E	11/20/62	2922'		8 5/8" 5 1/2"		50sx 110sx		GB San Andres 2876'-2907'	Acid: 5000 gal NEFE	Shut in
Yates Petroleum Corporation Scheurich B #6 2310' FNL & 2310 FWL, Unit F Section 32-T17S-R30E	05/01/40	2893'		8 1/4" 7"		50sx 100sx		GB San Andres 2868'-2893'	Acid: 100 qts Nitro Frac: 4000 gal & 2700# 18/20 sand & 7000 gal	Shut in
Yates Petroleum Corporation Yates A #8 990' FNL & 2231'FWL, Unit C Section 6-T18S-R30E		2879'		8 1/4" 7"	473' 2740'	50sx 100sx		GB San Andres 2859'-2872'	Acid: 2000 gal Frac: 20,000 gal & 10,000# 20/40 sand & 18,700# 8/12	Shut in
Yates Petroleum Corporation Yates A #6 1650' FNL & 2310' FEL, Unit G Section 6-T18S-R30E	06/17/40	2855'		8 1/4" 7"	475' 2741'	50sx 100sx		GB San Andres 2835'-2355'	Acid: 60 qts Nitro Frac: 500 gal, 24,000# 20/40 577 bbls salt wtr	Shut in

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Yates Petroleum Company Scheurich A #7 1650' FNL & 330' FWL, Unit E Section 32-T17S-R30E	10/20/51	3100'		8" 5 1/2"	475' 2784'	50sx 100sx		GB San Andres 3078'-3087'	Acid: 43bbbls acid, 20 bbbls wtr Frac: Superfoam & 42,500#	Shut in
Yates Petroleum Company Scheurich #4 2525' FSL & 1435' FWL Unit K Section 32-T17S-R30E	05/13/41	2886'		8 1/4" 5 3/16"	486' 2820'	50sx 100sx			Acid: 500 gals acid	Shut in
Yates Petroleum Company Scheurich "A" #5 1260' FWL & 2310' FNL Unit E Section 32-T17S-R30E	09/47	2900'		8 1/4" 7"	491' 2813'	50sx 100sx		GB San Andres 3863'-2900'	Acid: 140 qts Nitro	TA
Yates Petroleum Company Ballard A #3 Unit H Section 1-T18S-R29E	10/39	2791'		8 1/4" 7"	450' 2665'	50sx 100sx				TA
Roland R. Woolley Woolley 7-D 1650' FSL & 990' FWL, Unit L Section 29-T17S-R30E	10/31/51	3076'		8 5/8" 7"	465' 2151'	50sx 100sx		Queen 2200'-2228' 2467'-2500'	Acid: 260 qts Nitro	TA
Yates Petroleum Company Yates A #4 Unit A Section 6-T18S-R30E	01/40	2850'		8 1/4" 7"	451' 2718'	50sx 100sx		GB San Andres 2821'-2848'	Acid: 70 qts Nitro	TA
Yates Petroleum Company Yates #6 2310' FNL & 990' FWL Unit E Section 6-T18S-R30E	08/27/47	2859'		8 5/8" 7"	439' 2695'	50sx 100sx		GB San Andres 2813'-2850'	Acid: 120 qts Nitro	TA
Yates Petroleum Company Brigham #3 250' FSL & 250' FEL Unit P Section 31-T17S-R30E	03/01/57	2870'		8 5/8" 5 1/2"	450' 2870'	50sx 100sx		GB San Andres 2834'-2854'		TA
Yates Petroleum Company Yates A #1 330' FNL & 330' FWL Unit D Section 6-T18S-R30E	06/13/30	2810'		8 1/4" 7"	430' 2722'	50sx 100sx		GB San Andres 2765'-2802'	Acid: 60 qts Nitro	TA

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Yates Petroleum Company Yates A #3 330' FNL & 2310' FEL Unit B Section 6-T18S-R30E	06/18/30	2845'		8 1/4" 7"	460' 2710'	50sx 100sx				TA
GP II Energy, Inc. Federal L #2 2310' FNL & 1290' FWL Unit E Section 31-T17S-R30E	10/67	3027'	3018'	8 1/4" 7"	600' 2688'	50sx 100sx	4 1/2 @ 2899' 7" @ 2591'	GB San Andres 2762'-3018'	Acid: 100 qts Nitro, 1000 gal Frac: 20,000 gals & 20,000# 20/40 sand	WIW
GP II Energy, Inc. Federal "L" #7 660' FNL & 660' FWL Unit D Section 31-T17S-R30E	05/80	3400'	3392'	8 5/8" 4 1/2"	447' 3397'	300sx 700sx		GB San Andres 2791'-2968' 3192'-3210'	Acid: 630 gal Frac: 70,000 gal, 30,000# mesh & 52,000# 20/40 & 5000# 10/20	Producing
Yates Petroleum Corporation Scheurich "A" #1 2310' FNL & 330' FWL Unit E Section 32-T17S-R30E	12/40 (owdd)	3133'	2700'	8" 7" 5 1/2"		100sx 100sx		GB San Andres 3117'-3133'	Acid: 40 qts Nitro Frac: 39,000 gals & 65,250# 20/40 sand	Producing
Yates Petroleum Corporation Scheurich #3 2970' FNL & 4950' FEL Unit L Section 32-T17S-R30E	11/40	2887'		8 1/4" 7"	486' 2804'	50sx 100sx		GB San Andres 2876'-2888'	Acid: 30 qts Nitro	Producing
MNA Enterprises LTD., Co. State CA #1 990' FNL & 990' FWL Unit D Section 32-T17S-R30E	06/21/43	2962'		8" 7"	472' 2470'			Queen 2570'-2610'	Acid: 290 qts Nitro Frac: 20,000 gals oil & 20,000# sand	Producing
Yates Petroleum Corporation Brigham #5 1320' FSL & 990' FEL Unit I Section 31-T17S-R30E	11/09/61	2883'	2740'	8 5/8" 4 1/2"	457' 2836'	50sx 100sx		Queen 2572'-2599'	Acid: 1500 gal 15% NEFE Frac: 8000 gals oil & 27500# 20/40 sand	Producing
GP II Energy Inc. Federal L #4 1650' FNL & 1650' FWL Unit F Section 31-T17S-R30E	05/31/54	3034'	3023'	8 5/8" 7"	555' 3007'	50sx 50sx		GB San Andres 2762'-2782'	Acid: 250 gals L2 acid Frac: 60,340 gals, 65,000# 20/40 sand & 15,000# 10/20	Producing
GP II Energy Inc. Federal M #5 2310' FSL & 2310' FEL Unit J Section 31-T17S-R30E	09/20/51	3120'	2848'	8 5/8" 7"	485' 2764'	50sx 100sx		GB San Andres 3060'-3083'	Acid: 100 qts Nitro Frac: 66,500 gals & 56,000# 20/40 sand	Producing

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
GP II Energy Inc. Federal K #1 1980' FSL & 990' FWL, Unit L Section 29-T17S-R30E	12/09/76	11140'	11370'	8 3/4" 4 1/2"	488' 3544'	500sx 1000sx		10,2855'-10,878' Queen 2474'-2500'	Acid: 4000 gals Frac: 20,000 gals & 25,500# 20/40 & 8000# 10/20	Producing
Vintage Drilling Co. Westall A State #7 2310' FSL & 990' FEL, Unit I Section 36-T17S-R29E	04/25/63	3072'		8 5/8" 5 1/2"	547' 3070'	50sx 135sx		GB San Andres 2721'-2739'	Frac: 72,00 gals & 68,000# 20/40 sand	Producing
Vintage Drilling LLC Westall A State #5 2970' FSL & 330' FEL, Unit H Section 36-T17S-R29E	04/26/40	3112'	3090'	7" 4 1/2"	590' 3105'	25sx 135sx		GB San Andres 2717'-2737'	Frac: 60,300 gals & 51,000 # 20/40 sand	Producing
Vintage Drilling LLC Westall A State #3 1650' FSL & 1650' FEL, Unit J Section 36-T17S-R29E	10/26/39	2730'		8 1/4" 7"	522' 2603'	50sx 100sx		GB San Andres 2705'-2730'	Acid: 170 qts Nitro Frac: 72,000 gals & 68,300# 20/40 sand	Producing
Vintage Drilling LLC Westall A State #1 1650' FSL & 330' FEL, Unit I Section 36-T17S-R29E	04/13/39	2775'		8 1/2" 7"	522' 2652'	50sx 100sx		GB San Andres 2740'-2765'	Acid: 100 qts Nitro	Producing
Shahara Oil LLC Beeson "F" Federal No. 4 1650' FSL & 2310' FWL, Unit K Section 31-T17S-R30E	02/29/40	2831'		8 1/4" 7"	646' 2718'	50sx 100sx		GB San Andres 2812'-2831'	Acid: 100 qts Nitro	TA
Shahara Oil LLC Beeson "F" Federal No. 5 2310' FNL & 1650' FEL, Unit G Section 31-T17S-R30E	05/51	2851'		8 1/4" 7"	619' 2722'	50sx 100sx		GB San Andres 2308'-2344'	Acid: 120 qts Nitro	TA
Shahara Oil LLC Beeson "F" Federal No. 3 345' FSL & 2310' FWL, Unit N Section 31-T17S-R30E	12/14/39	2,850'		8 1/4" 7"	757' 2678'	75sx 100sx		GB San Andres 2679'-2850'	Acid: 100 qts Nitro Frac: 21,000 gals & 12,500# 20/40 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 18 1000' FSL & 2225' FWL, Unit N Section 31-T17S-R30E	01/15/98	3300'	3250'	8 5/8" 5 1/2"		310sx 1057sx		GB San Andres 2900'-3154'	Acid: 25,000 gal Frac: 43,000 gal 20# Delta w/75,000# 16/30 sand	Producing

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Shahara Oil LLC Beeson "F" Federal No. 19 337' FSL & 1279' FWL, Unit N Section 31-T17S-R30E	12/28/97	3250'	3205'	8 5/8" 5 1/2"		310sx 850sx		GB San Andres 2901'-3157'	Acid: 2500 gal 15% NEFE Frac: 42,700 gal 20# Delta w/35,000# 20/40 & 35,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 20 985' FSL & 770' FWL, Unit M Section 31-T17S-R30E	12/12/97	3250'	3205'	8 5/8" 5 1/2"		452sx 1030sx		GB San Andres 2773'-3124'	Acid: 3000 gal 15% NEFE Frac: 42,000 gal 20# Delta w/45,000# 20/40 & 21,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 21 1653' FSL & 1287' FWL, Unit K Section 31-T17S-R30E	02/11/98	3350'	3300'	8 5/8" 5 1/2"		310sx 1300sx		GB San Andres 2784'-3159'	Acid: 3000 gal 15% NEFE Frac: 39,850 gal 20# Delta w/75,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 22 1974' FNL & 992' FEL, Unit H Section 31-T17S-R30E	02/04/98	3375'	3325'	8 5/8" 5 1/2"		410sx 990sx		GB San Andres 2836'-3311'	Acid: 3000 gal 15% NEFE Frac: 33,400 gal 20# Delta w/70,000 # 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 23 361' FSL & 2334' FEL, Unit O Section 29-T17S-R30E	02/04/98	3350'	3300'	8 5/8" 5 1/2"		310sx 950sx		GB San Andres 3242'-3297'	Acid: 2000 gal 15% NEFE Frac: 36,000 gal 20# Delta w/70,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 24 1340' FNL & 904' FEL, Unit H Section 31-T17S-R30E	02/19/98	4824'	4774'	8 5/8" 5 1/2"		560sx 1650sx		GB San Andres 2831'-3274'	Acid: 4000 gal 15% NEFE Frac: 43,000 gal 203 Delta w/75,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 25 990' FSL & 1674' FEL, Unit O Section 29-T17S-R30E	02/20/98	3405'	3355'	8 5/8" 5 1/2"		310sx 1375sx		GB San Andres 2808'-3283'	Acid: 3000 gal 15% NEFE Frac: 43,000 gal 20# Delta w/75,000# 16/30 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 27 1015' FNL & 1524' FEL, Unit B Section 31-T17S-R30E	02/24/98	3365'	3247'	8 5/8" 5 1/2"		310sx 675sx		GB San Andres 2806'-2337'	Acid: 3000 gal 15% NEFE	Producing
Shahara Oil LLC Beeson "F" Federal No. 12 990' FSL & 1571' FWL, Unit N Section 31-T17S-R30E	11/12/47	3081'		8 5/8" 7"	525' 2700'	75sx 100sx		GB San Andres 2795'-3081'	Acid: 120 qts Nitro Acid: 5000 gals 15% NEFE	Producing

Exhibit "C"
Area of Review Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Completion Date	TD	PBTD	Casing Size	Casing Depth	Cement Sacks/Top	WIW Pkr @	Producing Interval	Stimulation	Current Status
Shahara Oil LLC Beeson "F" Federal No. 11 1650' FNL & 330' FEL, Unit H Section 31-T17S-R30E	05/07/52	3100'	2949'	8 5/8" 7"	482' 3001'	50sx 100sx		GB San Andres 2836'-3100'	Stratfrac 1500 gal	Producing
Shahara Oil LLC Beeson "F" Federal No. 9 330' FSL & 2310' FWL, Unit N Section 29-T17S-R30E	10/04/76	3069'	2870'	8 5/8" 7"	625' 2941'	50sx 100sx		GB San Andres 2544'-2806'	Frac: 20,00 gal & 20,000# Frac: 30,000 gal wtr & 30,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 8 330 FSL & 1650 FEL, Unit O Section 29-T17S-R30E	08/20/41	3099'		8 1/4" 7"	686' 3017'	50sx 100sx		GB San Andres 3080'-3099'	Acid: 100 qts Nitro Frac: 22,344 gal & 30,000# 20/40 & 2000# 10/20 sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 7 990 FNL & 330 FEL, Unit A Section 31-T17S-R30 E	08/22/51	3187'		8 5/8" 7"	644' 2733'	50sx 100sx		GB San Andres 3000'-3087'	Acid: 220 qts Nitro Frac: 60,000 gal & 60,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 2 330' FSL & 330' FWL, Unit M Section 31-T17S-R30E	04/76	3070'	3061'	8 1/4" 7"	505' 2646'	50sx 100sx		GB San Andres 2982'-3014'	Acid: 100 qts Nitro Acid: 500 gal 15% HCL Frac: 40,000 gal, 20,000# 20/40 sand & 40,000# sand	Producing
Shahara Oil LLC Beeson "F" Federal No. 26 1976' FSL & 820' FWL, Lot 3 Section 31-T17S-R30E	04/30/98	3300'		8 5/8" 5 1/2"	523' 3300'	410sx 1125sx		GB San Andres 2798'-3126'	Acid: 3000 gal 15% NEFE Frac: 19,800 gal 20# Delta w/30,000# 16/30 sand	Producing
Shahara Oil, LLC Beeson "F" Federal No. 27 1015' FNL & 1524' FEL, Unit B Section 31-T17S-R30E	02/24/98	3365'	3247'	8 5/8" 5 1/2"	520' 3365'	310sx 1075sx		GB San Andres 2806'-3237'	Acid: 3000 gal 15% NEFE	Producing

Exhibit "D"

Well Data and
Schematic Diagrams of
Plugged and Abandoned
Well Bores Within the
Area of Review

Shahara Oil, LLC
Attachment to OCD Form C-108

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
Newmont Oil Company State A #3 1295' FSL & 2615' FEL, Unit O Section 36-T17S-R29E	05/23/68	2771'	2620'-2771'	8 5/8" 4 1/2"	458' 2717'	50sx 100sx
Newmont Oil Company State "A" #2 2100' FEL & 725' FSL, Unit O Section 36-T17S-R29E	06/06/68	2763'	2725'-2744'	8 5/8" 4 1/2"	430'	50sx 100sx
General American Oil Company of TX State B1778 #2 1295' FSL & 990' FEL, Unit P Section 36-T17S-R29E	06/12/75	2761'	2736'-2761'	8 5/8" 5 1/2"		383sx
Marbob Energy Corp Burch Keely Unit #194 660' FSL & 1980' FWL, Unit N Section 30-T17S-R30E	12/31/92	3405'	2734'-3358'	8 5/8" 4 1/2"	418' 2715'	100sx 325sx
Phillips Petroleum Company Beeson "F" Federal No. 6 2310' FNL & 330' FEL, Unit H Section 31-T17S-R30E	12/08/93	3136'	2859'-2879'	8 5/8" 7"	636' 2340'	50sx
General American Oil Company of TX Beeson "F" Federal No. 17 2615' FSL & 25' FWL, Unit L Section 31-T17S-R30E	09/30/75	2765'		10 3/4" 5 1/2"		402sx
General American Oil Company of TX Beeson "F" Federal No. 10 990' FNL & 1650' FEL, Unit B Section 31-T17S-R30E	06/14/75	3391'	2806'-2820'	8 5/8" 7"		75sx
Anadarko Federal M #4 3023' FSL & 2254' FEL, Unit J Section 31-T17S-R30E	02/15/84	3120'	2842'-2885'	8" 7"		50sx 100sx

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
Anadarko Federal M #3 990' FSL & 1650' FEL, Unit O Section 31-T17S-R30E	07/28/94	3174'	2818'-2862'	8 5/8" 7"	305 2777	50sx 100sx
Anadarko Federal "M" #1 330' FSL & 2310' FEL, Unit O Section 31-T17S-R30E	11/24/87	2856'		8 5/8" 7"	525' 2639'	50sx 100sx
Yates Petroleum Corporation Tallmadge #2 2310' FNL & 2310' FEL, Unit G Section 32-T17S-R30E	11/03/86	2882'	2864'-2882'	8" 7"		50sx 30sx
Yates Petroleum Corporation State BX #5 330' FSL & 990' FWL, Unit M Section 32-T17S-R30E	08/03/95		2830'-2858'	8 1/4" 7"		50sx 100sx
Yates Petroleum Corporation Schewrich B #8 1650' FNL & 1650' FWL, Unit F Section 32-T17S-R30E	04/02/87	3112'	2871'-2883'	8 5/8" 5 1/2"		50sx 100sx
General American Oil Company of TX State B4108 #1 660' FNL & 1980' FWL, Unit C Section 32-T17S-R30E	07/09/81		3049'-3089'	8 5/8" 7"		50sx 100sx
Aston & Fair State B #5 990' FSL & 330' FWL, Unit M Section 32-T17S-R30E	08/04/95	2867'	2840'-2867'	8 1/4" 7"		50sx 100sx
Phillips Petroleum Co. Beeson "F" Federal #14 2310' FNL & 2310' FEL, Unit G Section 31-T17S-R30E	11/05/93	2850	2817'-2850'	8 5/8" 7"		430sx

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
Phillips Petroleum Co. Beeson "F" Federal #15 1660' FNL & 1480' FEL, Unit F Section 31-T17S-R30E	08/82	3103'	2552'-2560'	10 3/4" 7"		360sx
Anadarko Federal M #2 1650' FSL & 2310' FEL, Unit J Section 31-T17S-R30E	02/15/84	2855'	2836'-2855'	8 1/4" 7"		50sx 100sx
Shahara Oil, LLC Beeson "F" Federal No. 1 1650' FSL & 330' FWL, Unit L Section 31-T17S-R30E	12/08/93	3041'	2766'-2786'	8 1/4" 7"		50sx 100sx
Phillips Oil Company Beeson "F" Federal No. 16 2310' FSL & 1300' FWL, Unit K Section 31-T17S-R30E	10/30/84	2826'	2800'-2826'	8 5/8" 5 1/2"		473sx 394sx
General American Oil Company of TX Beeson "F" Federal No. 13 2310' FSL & 2232 FWL, Unit K Section 31-T17S-R30E	11/20/82	2827'	2800'-2827'	10 3/4" 7"		394sx
Yates Petroleum Corporation Brigham #2 2310' FSL & 990' FEL, Unit I Section 31-T17S-R30E	10/05/87	3134'		8 5/8" 7"	454' 2762'	50sx 100sx
Roland R. Woolley Arnold #9D 1650' FSL & 1650' FEL, Unit K Section 29-T17S-R30E	12/16/49	3079'		8 5/8"	468'	50sx
Yates Petroleum Corporation Yates "A" #11 990' FNL & 1650' FEL, Unit B Section 6-T18S-R30E	03/22/83	2841'		8 1/4" 7"	451' 2745'	50sx 100sx

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
RR Woolley Woolley #12-D 330' FNL & 330' FEL, Unit D Section 33-T17S-R30E	07/10/52	3256'		8 5/8"	506'	50sx
Resler & Sheldon Digneo State #1-X 2250' FNL & 990' FEL, Unit H Section 32-T17S-R30E	01/59	3318'	3168'-3176'	7" 4 1/2"	510' 3318'	50sx 200sx
Anadarko Federal L #3 2310' FNL & 330' FWL Unit E Section 31-T17S-R30E	08/20/93	3131'	2994'-3013'	8 5/8" 7"	567' 2790'	50sx 100sx
Anadarko Federal "L" #5 1650' FNL & 2537' FWL, Unit F Section 31-T17S-T30E	06/22/84	2839'		8 5/8" 4 1/2"	550' 2850'	600sx
Yates Petroleum Corporation Brigham #1 330' FSL & 990' FEL Section 3-T17S-R30E	04/13/87	2850		8" 7"	469' 2720'	50sx 100sx
Yates Petroleum Corporation Brigham #4 1320' FSL & 5' FEL Unit I Section 31-T17S-R30E	04/16/87	2889'		8 5/8" 4 1/2"	443' 2828'	50sx 100sx
Southwest Royalties Inc. State B-1778 #3 330' FSL & 990' FEL, Unit P Section 36-T17S-R29E	03/07/97	2775'	2713'-2760'	8 5/8" 7"	550' 2650'	75sx 75sx
Yates Petroleum Corporation Yates A #9 990' FNL & 911' FWL, Unit D Section 6-T18S-R30E	10/27/87	2805'		8 1/2" 5 1/2"	470' 2703'	50sx 100sx

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
Yates Petroleum Corporation Ballard "B" #1 330' FNL & 2310' FEL, Unit B Section 1-T18S-R29E	03/28/83	2855'	2639'-2855'	8 1/4" 7"	466' 2639'	50sx 100sx
Yates Petroleum Corporation Ballard "B" #3 330' FNL & 990' FEL, Unit A Section 1-T18S-R29E	04/22/85	2771'		8 1/4" 7"	463' 2632'	50sx 100sx
Yates Petroleum Corporation Ballard "B" #5 990' FNL & 330' FEL, Unit A Section 1-T18S-R29E	12/12/86			8 1/4" 7"	481' 2666'	25sx 100sx
Yates Petroleum Corporation Ballard "B" #4 990' FNL & 1650' FEL, Unit B Section 1-T18S-R29E	10/01/86	2800'		8 1/4" 7"	480' 2667'	50sx 100sx
Aston & Fair State #1-B 3630' FSL & 3630' FEL, Unit K Section 32-T17S-R30E		2934'		8 1/4" 7"		50sx 100sx
Robert E. McKee State #1-DD 990' FNL & 330' FWL, Unit D Section 32-T17S-R30E	03/26/56	3100'	2817'-2844'	8 5/8" 7"	470' 3000'	30sx 50sx
Resler & Sheldon Digneo State #1 2310' FNL & 990' FEL, Unit H Section 32-T17S-R30E	01/59	3300'		8 1/4" 7"	477' 2725'	25sx 100sx
Anadarko Federal "M" #6 1650' FSL & 1650' FEL, Unit J Section 31-T17S-R30E	02/15/84	3113'	2846'-2856'	8 5/8" 7"	454' 1517'	

Exhibit "D"
Plugged and Abandoned Well Data
Attachment to Beeson "F" Federal Lease C-108

Operator - Well Name Location	Plug Date	TD	Perfs	Casing Size	Casing Depth	Cement Sacks/Top
Anadarko Woolley #1-J 330' FSL & 330' FEL, Unit P Section 29-T17S-R30E	05/15/87	3255'	3215'-3224'	8 1/4" 7"	470' 2873'	50sx 100sx
Anadarko Federal L #6 1650' FNL & 750' FWL, Unit E Section 31-T17S-R30E	05/13/86	3040'	2752'-2762'	10 3/4" 5 1/2"	72' 3035'	600sx
Anadarko Federal L #1 2310' FNL & 2310' FWL, Unit F Section 31-T17S-R30E	02/15/84	3061'	2792'-2802'	8 5/8" 7"	665' 2705'	50sx 100sx
Enron Oil & Gas Company Ballard NH Federal #1 330' FNL & 1750' FEL, Unit B Section 1-T18S-R29E	04/07/89	3700'	3248'-3313'	9 5/8" 5 1/2"	487' 3700'	175sx 800sx
Yates Petroleum Corporation Yates #2 1650' FNL & 330' FWL, Unit E Section 6-T18S-R30E	09/02/93	2808'	2778'-2808'	8 1/4" 7"	458' 2672'	50sx 100sx

Phillips Petroleum Company

State B-1778 #1

990' FSL & 330' FEL, Unit P

Section 36-T17S-R29E

Plugged 07/23/70

PEA 7/70

Set 10 SX Plug @ Surface

Perf @ 590' Pumped 115 SX
Circ TAG @ 375

10" Hole @ 592'
8 5/8" 32# @ 592 w/50 SX

Set 35 SX Plug @ 1100'

CALC TOC @ 1035'

Set 50 SX INSIDE 7" IN
TOP OF 4 1/2" @ 2643'
TAG @ 2457'
4 1/2" BRIDGED OFF @ 2617'

7" 24# @ 2649 w/100 SX

Set 25 SX Plug @ 3025

8" Hole @ 2763

Set CIBP @ 3100' w/1 SX on top

Perf 2795-3334 (38 Holes)

4 1/2" 17.75" SA 3352' w/200 SX
6" Hole @ 3352

H 4/24/98

Newmont Oil Company
State A #3
1295' FSL & 2615' FEL, Unit O
Section 36-T17S-R29E
Plugged 05/23/68

PEA 5/68

SHOT 8 5/8" @ 397, 324, 266'

217', 162' Pulled 162'

SET 25 SX PLUG @ 450'

SET 25 SX PLUG AT TOP OF 8 5/8"

10" HOLE @ 458'

8 5/8" 2+ # @ 458' w/ 50 SX

SHOT CSG @ 900', 807',

706', 609'. Pulled 580'

OF 4 1/2"

SET 25 SX PLUG @ 1020'

SHOT CSG @ 2020', 1892',

1801', 1060' UNABLE

TO Pull

CALC TOC @ 1875'

SHOT 4 1/2" @ 2179' UNABLE

TO Pull SET 25 SX PLUG

@ 2179'

SET 25 SX PLUG 2771' -

2620'

4 1/2" 9.5" SA 2717' w/ 100 SX

7" HOLE @ 2771'

4/24/90

Newmont Oil Company
State A #2
 2100' FEL & 725' FSL, Unit O
 Section 36-T17S-R29E
 Plugged 06/06/68

PEA 6/68

SET 10 SX PLUG @ SURFACE

SHOT 8⁵/₈" @ 313' & 252'

PULLED 252'

SET CIBP IN 8⁵/₈" @ 430'

w/ 25 SX PLUG ON TOP

SHOT 4¹/₂" @ 761, 606, 532'

PULLED 582' OF 4¹/₂"

SET 25 SX PLUG @ 1030'

SHOT 4¹/₂" @ 1608, 1522, 1308,

1201, 1110, 1015, 916'

CALC TOC @ 1149'

SHOT 4¹/₂" @ 1800' UNABLE TO

PULL SET 25 SX PLUG

@ 1800'

SET 25 SX PLUG @ 2696'

SET CIBP @ 2696'

PERF @ 2725-44'

7" HOLE @ 2763'

4¹/₂" 9.5# @ 2763' w/ 100 SX

D/4/24/98

General American Oil Company of TX

State B1778 #2

1295' FSL & 990' FEL, Unit P

Section 36-T17S-R29E

Plugged 06/12/75

PLUG NO

OF

DATE

DATE

PEA 6/75

SET 25' PLUG @ SURFACE

SET CMT PLUG 450'-350'

SET CMT PLUG 1200'-1100'

SET CIBP @ 2000' SET
CMT PLUG 2000-1900'

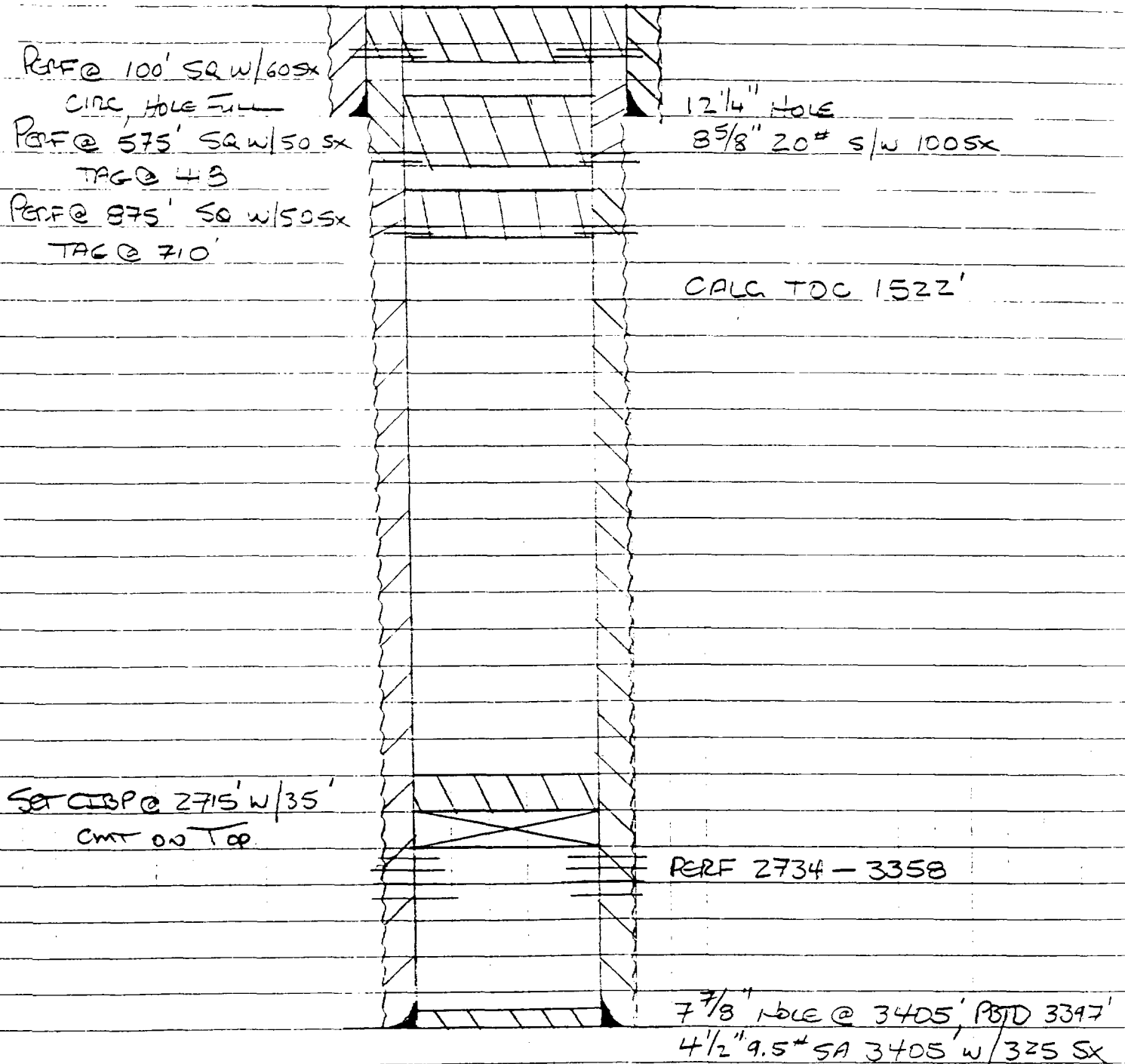
10" HOLE
8 5/8" 28# w/50 SX

5 1/2" 14# SA 2736' w/383 SX -
CIRCULATED
8" HOLE @ 2761'

4/24/98

Marbob Energy Corporation
Burch Keely Unit #194
660' FSL & 1980' FWL, Unit N
Section 30-T17S-R30E
Plugged 12/31/92

PEA 12/92



4/24/98

Phillips Petroleum Company
Beeson F Federal #6
2310' FNL & 330' FEL, Unit H
Section 31-T17S-R30E
Plugged 12/08/93

PEA 12/93

SPOT 15 SX TO FILL 7"

PERF @ 400' CIRC TO SUR.

W/77 SX

PERF @ 522' SQ W/50 SX

10" Hole @ 636'

8⁵/₈" 24# SA 636' W/50 SX

PERF @ 1235' SET CMT

RET @ 1151' SQ 60 SX

E CAP CR W/20' CMT.

TOC (CBL) @ 2340'

SET CIBP @ 2800' SPOT

130 SX ON TOP OF CIBP

7" 20# SA 2764'

5¹/₂" Liner From 2723 - 2923'

PERFS 2859 - 79'

TD 3136' PBTD 2893'

4/24/98

General American Oil Company of TX

Beeson "F" Federal #17

2615' FSL & 25' FWL, Unit L

Section 31-T17S-R30E

Plugged 09/30/75

PEA 9/75

SET 25' CMT PLUG
TO SURFACE
SET 100' CMT PLUG
460 - 350'

10³/₄ 32.7" @ 460' (PULLED)
SPOTTED 161 SY w/ 6% GEL
WHILE PULLING 10³/₄" CSG

SET 100' CMT PLUG
1200 - 1100'

TOC CALL TO HAVE CIRC.

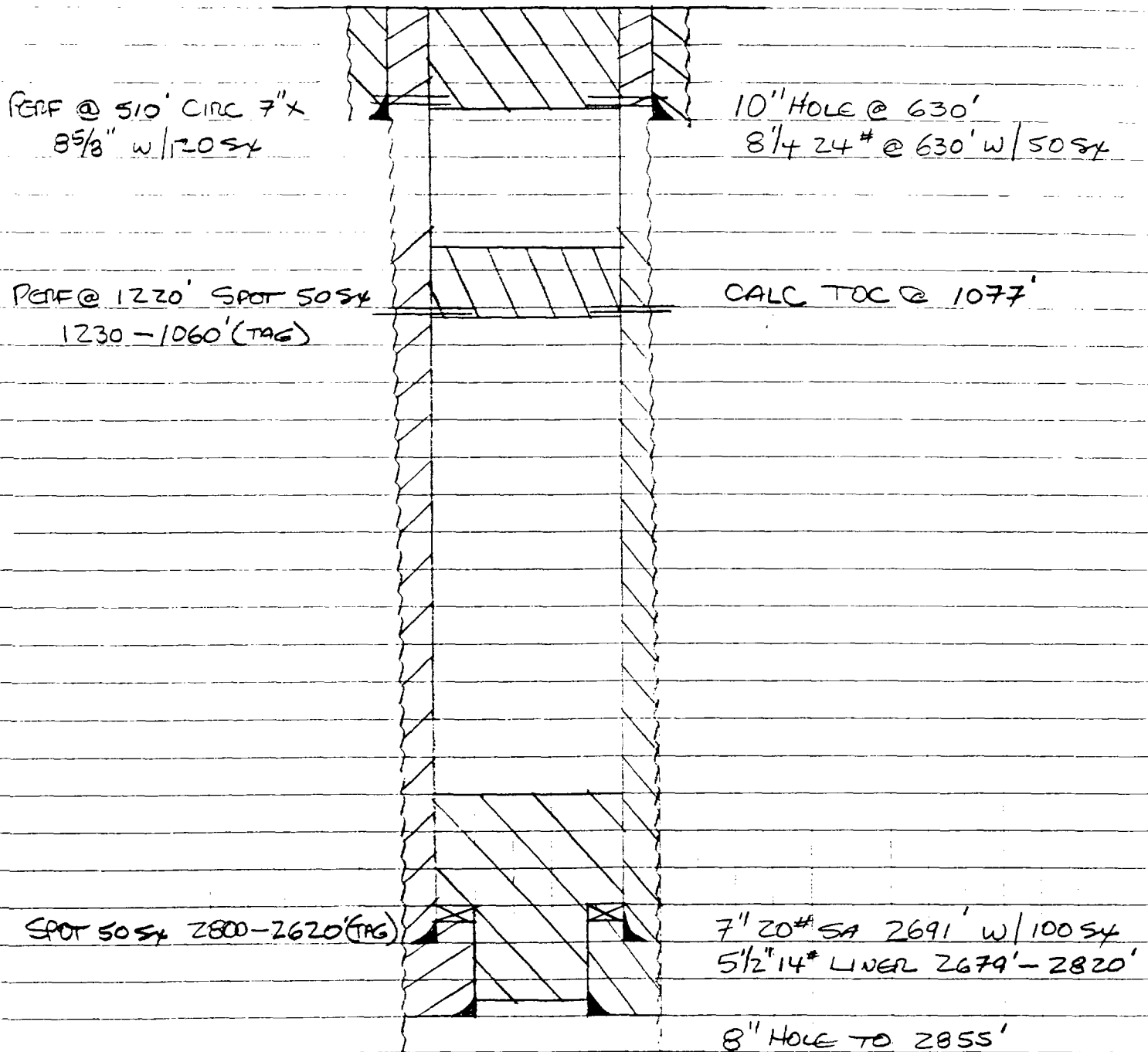
SET CIBP @ 2650' SET
75' CMT PLUG ON TOP

5¹/₂" 14# SA. 2744' W/ 14' SY W/
6% GEL & 100' SY NCAT
8" HOLE @ 2765'

4/24/98

Anadarko
Federal M #2
1650' FSL & 2310' FEL, Unit J
Section 31-T17S-R30E
Plugged 02/15/84

PEA 2/84



4/29/98

General American Oil Company of TX

Beeson "F" Federal #10

990' FNL & 1650' FEL, Unit B

Section 31-T17S-R30E

Plugged 06/14/75

P&A 6/75

SET 25' PLUG @ SURFACE

SET 275' PLUG 450'-175'

(50 SY)

10" HOLE @ 632'

8 7/8" ZB SA 632' w/ 75 SY

SET 275' PLUG 1150'-875'

(50 SY)

SET 250' 2500'-2250'

(45 SY)

RAN 7" LINER 2917'-2448' (469')

CMT W/ 53 SY CIRCUIT

EXCESS CMT.

PERF 2806-20 FOR INJECTION

(1962')

PBTD 2899'

OTD 3391

4/30/98

Anadarko
Federal M #4
3023' FSL & 2254' FEL, Unit J
Section 31-T17S-R30E
Plugged 02/15/84

PAGE NO. _____ OF _____

PEA 2/84

FILL 7" FROM 70' - 0'

PERF @ 460' PUMP 150'
5" DOWN 7" 5250SX
TAG TOC @ 70'

8 5/8" @ 485' w/ 50 SX

PERF @ 1235' SPOT 50 SX
1236 - 995 (TAG)

SET 40 SX PLUG FROM 2306 -
2650 (TAG)

5 1/2" LINGER - 182' RUN
BUT NOT CEMENTED

7" @ 2766' w/ 100 SX
PERF 2842 - 85

TD 3120'

4/24/98

Anadarko
Federal M #3
990' FSL & 1650' FEL, Unit O
Section 31-T17S-R30E
Plugged 07/28/94

PEA 7/94

PERF @ 50' CMT w/155SX
CIRC 10SX TO PIT
SET 4YD PLUG @ 0'

10" HOLE @ 455'
6⁵/₈" ZB# SA 455 w/505X

PERF @ 505' SQ 45 SX
200' CMT IN/OUT OF 7"
TOP OF CMT @ 330' (TAG)
SPOTTED 45SX PLUG
1307' - 1070' (TAG)

PERF @ 1140' COULD NOT
BREAK DOWN

CALC TOC 1163'

PERF @ 1240' & 1238'
COULD NOT BREAK DOWN

SET 25 SX PLUG 2136' - 1992'

SET 25 SX PLUG 2705' - 2561'

SET CIBP @ 2712'

7" 20" SA 2777' w/100 SX

8" HOLE TO 3174'

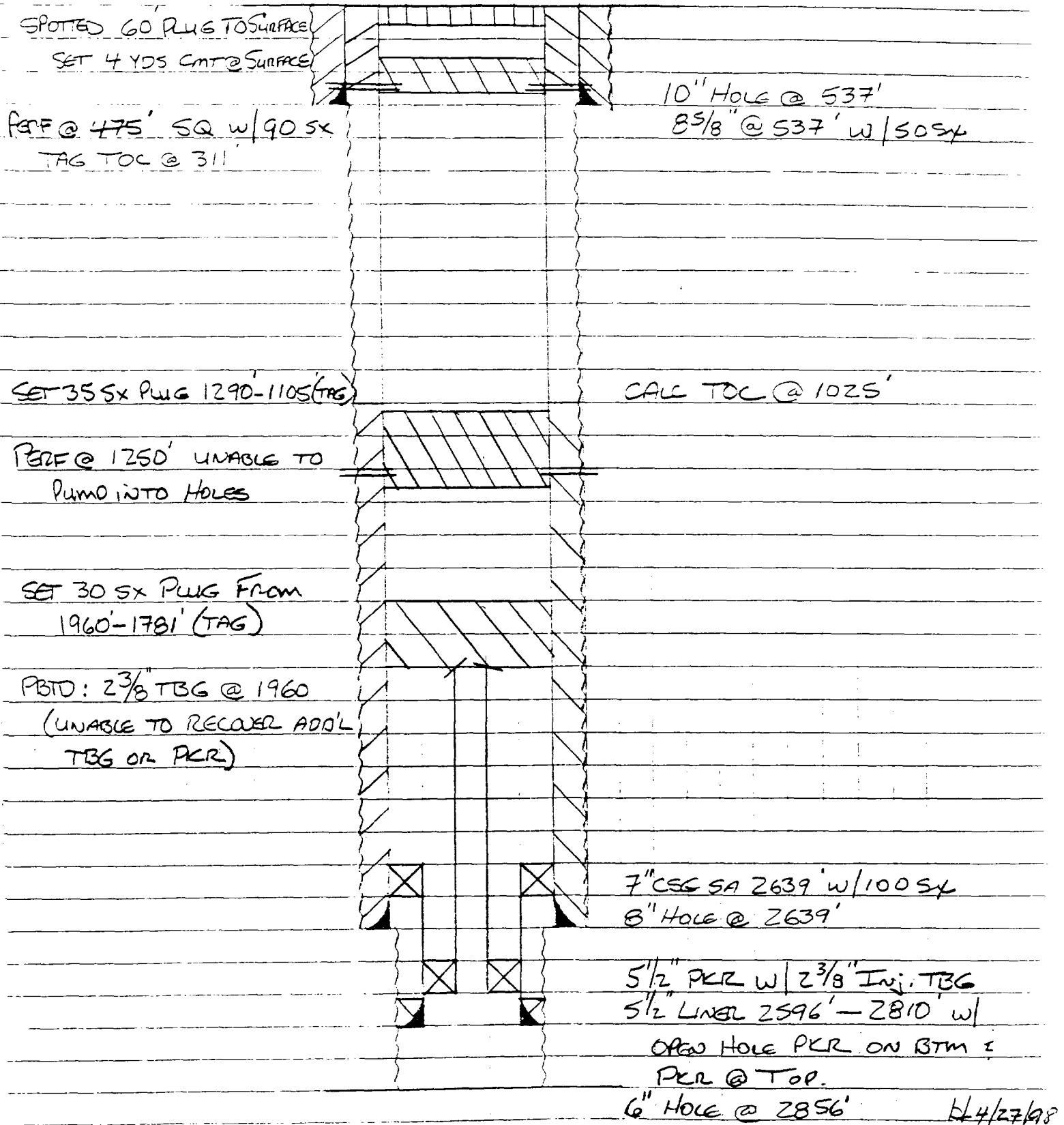
4/27/98

Anadarko
Federal M #1
330' FSL & 2310' FEL, Unit O
Section 31-T17S-R30E
Plugged 11/24/87

PAGE NO. _____ OF _____

DATE _____

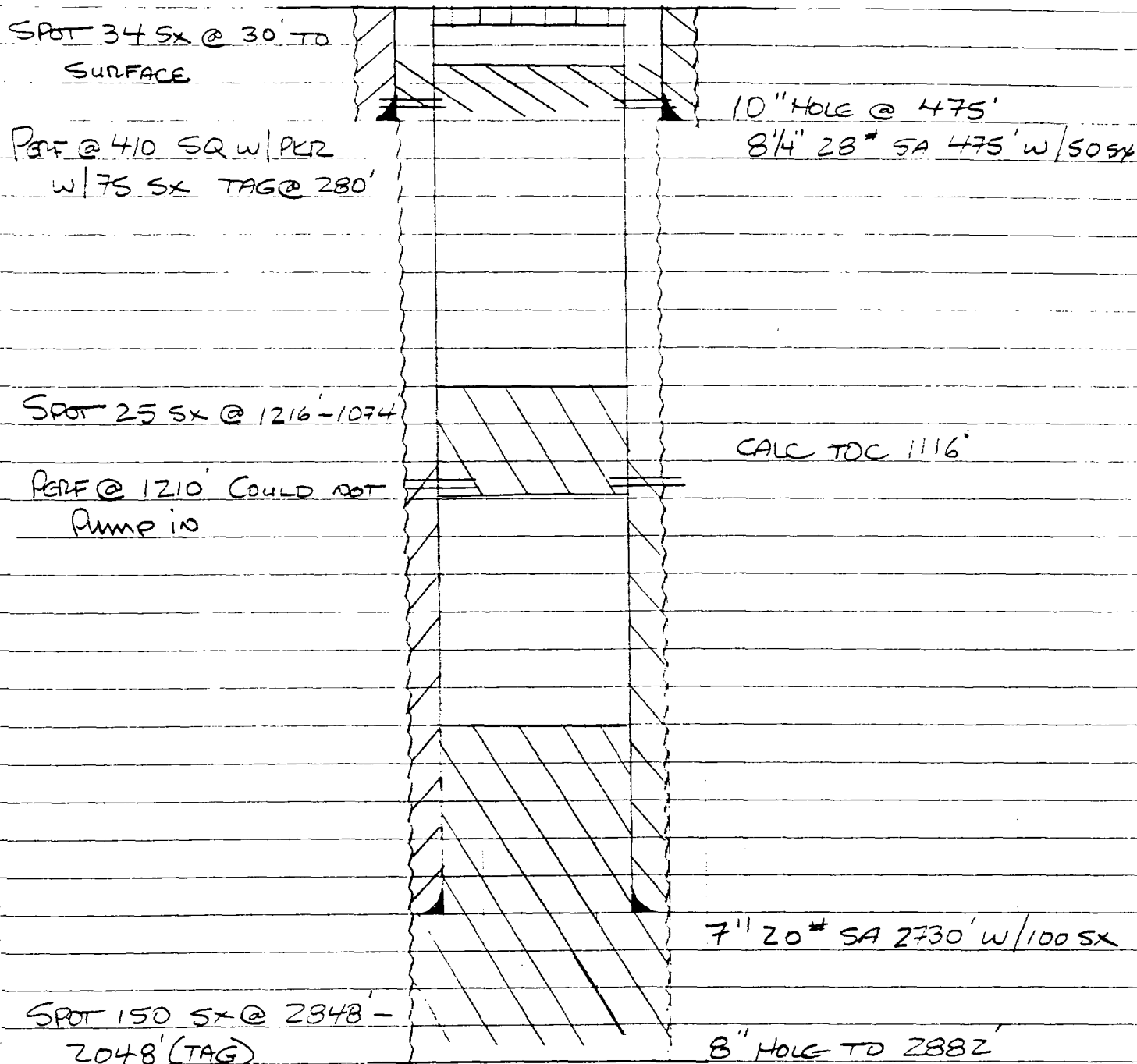
PEA 11/87



Yates Petroleum Corporation
Tallmadge #2
2310' FNL & 2310' FEL, Unit G
Section 32-T17S-T30E
Plugged 11/03/86

PAGE NO. _____ OF _____
DATE _____

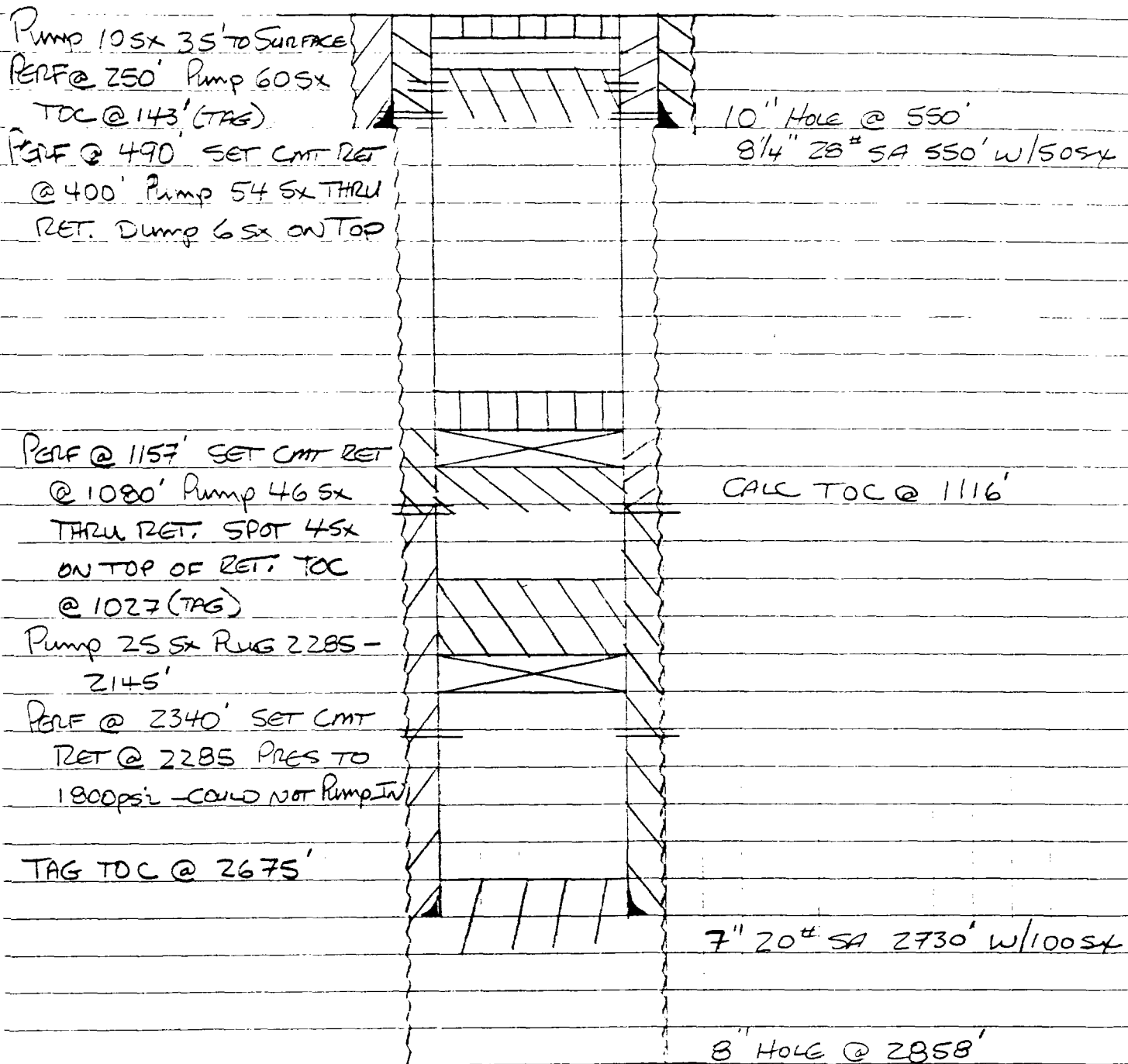
PEA 11/86



H 4/27/98

Yates Petroleum Corporation
State BX #5
330' FSL & 990' FWL, Unit M
Section 32-T17S-R30E
Plugged 08/03/95

PEA 8/95



4/27/98

Yates Petroleum Corporation
Schewrich B #8
1650' FNL & 1650' FWL, Unit F
Section 32-T17S-R30E
Plugged 04/02/87

PEA 4/87

PGF @ 350' SPOT 55 SY
CIRC, CSG FULL

PGF @ 477' SPOT 25 SY

10" HOLE @ 482'

8⁵/₈" 24# @ 482' w/50 SY

PGF @ 1200' SPOT 50 SY
@ 1250-970' (TAG)

CALC TDC 2034'

SPOT 50 SY @ 2615-2190' (TAG)

5¹/₂" 14# SA 2796' w/100 SY

7⁷/₈" HOLE @ 3112'

H 4/29/98

General American Oil Company of TX

State B4108 #1

660' FNL & 1980' FWL, Unit C

Section 32-T17S-R30E

Plugged 07/09/81

PEA 7/81

SET 10 SX SURFACE PLUG

PERF @ 300' SQ 55 SX

PERF @ 530' SQ 55 SX

TOC @ 492 (TAG) SPOT

14 SX ON TOP TOC 442'

10" HOLE @ 480'

8 5/8" SA 480' W/50 SX

PERF @ 1195 SQ W/55 SX

TOC 1148 (TAG)

CALC TOC @ 1218'

TAG BP @ 2750' SPOT

14 SX TAG TOC @ 2700'

BRIDGE PLUG SET @ 2750

(8/76)

7" 20# SA 2832' W/100 SX

8" HOLE @ 3089

4/29/98

Aston & Fair
State B #5
990' FSL & 330' FWL, Unit M
Section 32-T17S-R30E
Plugged 08/04/95

PEA 8/95

SET SURFACE PLUG
PERF @ 250' Pump 60 SX
THRU PER. TOC 143

PERF @ 490' SET CMT RET
400' Pumped 54 SX THRU
RET. Dumped 6 SX ON TOP

10" HOLE @ 480'
8 1/4" 28# SA 480' W/50 SX

PERF @ 1157' SET CMT RET
@ 1080' Pump 46 SX
THRU RET. Dump 4 SX
ON TOP OF RET. TAG
CMT @ 1027'

CALC TOC @ 1126'

Pump 25 SX 2285-2145'

PERF @ 2340' SET CMT
RET @ 2285' Pres. TO
1800 PSI - COULD NOT
PUMP IN.

7" 20# SA 2740' W/100 SX

8" HOLE @ 2858'

4/29/98

Phillips Petroleum Company
Beeson F Federal #14
2310' FNL & 2310' FEL, Unit G
Section 31-T17S-R30E
Plugged 11/05/93

PEA 11/93

LGAC in CSG @ 120' Pump
77 SX FILUGO 7" TO SURFACE
Pump 25 SX DOWN BH.
SET 45 SX PLUG 464-200'

TOC CALC @ 200'

12 1/4" @ 414'
10 3/4" RUN TO 414' - PULLED
200 SX CMT SPOTTED

SET 20 SX PLUG 1205-1105'

CALC TOC @ 900'

SET 25 SX PLUG 2294-2194'

SET 55 SX PLUG 2750-2500'

8" HOLE @ 2817'
7" 20# SA 2817' W/ 230 SX

6 1/4" HOLE TO 2850'

4/29/98

Phillips Petroleum Co.
Beeson "F" Federal #15
1660' FNL & 1480' FEL, Unit F
Section 31-T17S-R30E
Plugged 08/82

PEA 8/82

Set 10 SY PLUG AT SURFACE

Perf @ 395 SQ 55 SY

Perf @ 495 SQ 55 SY

12 1/2" HOLE TO 451'

10 3/4" 32.75" RUN TO 451'

PULLED OOH

Perf @ 1265 SQ 55 SY

CALC TOC: CIRC

Set 50' PLUG 2581-2531'

Perf Penrose 2552-60

4 1/2" 9.5" LINER RUN FROM
2701-3104 CMT W/
75 SY REVERSE OUT
30 SY FROM TOP OF LINER

7" 23" @ 2822 W/ 225 SY

8" HOLE TO 2822'

Perf Premier 3041-68'

Set 100' PLUG 3080-2980'

6 1/4" HOLE TO 3104'

10/4/30/88

Shahara Oil, LLC
Beeson F Federal #1
 1650' FSL & 330' FWL, Unit L
 Section 31-T17S-R30E
 Plugged 12/08/93

PEA 12/93

SPOT 50 SX TO FILL CSG
 PERF @ 300' Circ 170 SX
 PERF @ 400' SPOT CMT (35 SX)
 530-400' SQ 75 SX
 PERF @ 600' SET CMT RET
 @ 530' SQ W/135 SX

10" HOLE @ 537'
 8 1/4" 32# SA 537' W/50 SX

PERF @ 1160' SQ W/57 SX

CALC TOC @ 1047'

SET CIBP @ 2700' W/120 SX
 ON TOP

CALC TOC 5 1/2" LINGR 2617'

7" 20# SA 2661' W/100 SX

PERF 2766-86'

8" HOLE @ 2794'

SET CIBP @ 2817' W/15 SX ON TOP
 5 1/2" LINGR 2617-2848
 W/75 SX

6 1/4" HOLE TO 3041

4/24/98

Phillips Oil Company

BF #16

2310' FSL & 1300' FWL, Unit K

Section 31-T17S-R30E

Plugged 10/30/84

PEA 10/84

CMT TO SURFACE W/
6 YDS RED MIX

Pump 60 SY THRU 1"
FROM 504' - 30'

SET $10\frac{3}{4}"$ 32.7# @ 350'

SET $8\frac{5}{8}"$ 24# @ 473'
(PULLED BEFORE SETTING $5\frac{1}{2}"$)

CALC TOC @ 658'

CUT $5\frac{1}{2}"$ @ 1140' UNABLE TO
PULL RECOVERED 37'
SPOT 50 SY 1200 - 1100'

SPOT 20 SY 2824 - 2682 (TAG)

$5\frac{1}{2}"$ 14# SA 2798' W/394 FT²

8" HOLE TO 2826'

11/4/84

General American Oil Company of TX

BF #13

2310' FSL & 2232' FWL, Unit K

Section 31-T17S-R30E

Plugged 11/20/82

SET 10 SK PLUG @ SURFACE

P&A 11/82

RIG UP 7" SWEDGE

SQ 55 SK TAG @ 50'

PERF @ 385' SQ W/ 55 SK

TOC @ 310' (TAG)

PERF @ 495' SQ W/ 55 SK

TOC @ 385' (TAG)

Pump 200 SK AROUND OUTSIDE
OF 7" CSG

DRL 12 1/2" TO 423'

IZAN 423' OF 10 3/4" PULLED
WHEN RUNNING 7" CSG

CALC TOC - CIRC

PERF @ 1260 SQ W/ 55 SK

TOC 1158' (TAG)

SET 30 SK 2825 - 2712' (TAG)

7" 23 # SA 2800' W/ 194 SK

8" HOLE @ 2827'

4/30/98

Yates Petroleum Corporation

Brigham #2

2310' FSL & 990' FEL, Unit I

Section 31-T17S-R30E

Plugged 10/05/87

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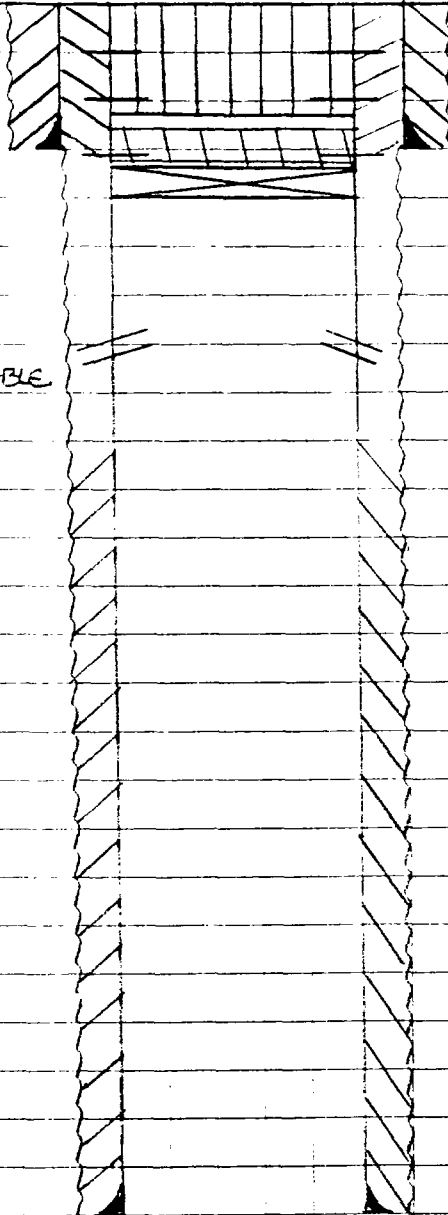
PEA 10/87

Perf @ 300' Pump 50 SX
(25 SX OUTSIDE)

Perf @ 400' SPOT 50 SX

TPG AT 325'

Set CIBP @ 460'



Perf @ 100' Pump 125 SX DOWN 7"

7" Full 18 SX OUTSIDE

10" Hole @ 454'

8 5/8" CSG SA 454' w/ 50 SX

7" CSG PARTED @ 855' - UNABLE

TO GET BACK INTO.

CALC TOC @ 1148'

7" CSG SA 2762' w/ 100 SX

8" Hole @ 3134'

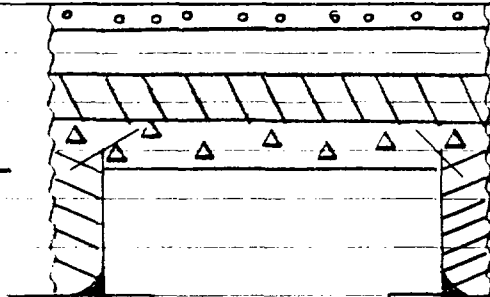
4/19/98

Roland R. Woolley
Arnold #9D
1650' FSL & 1650' FEL, Unit K
Section 29-T17S-R30E
Plugged 12/16/49

DEA 12/16/49

HOLE FILLED W/ SAND

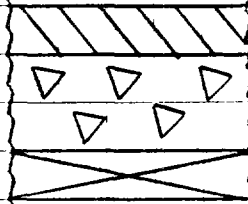
8 5/8" PULLED FROM 276'
25' ROCK BRIDGE SET
10 SX CMT ON TOP



10" HOLE @ 468'
8 5/8" SA 468' W/ 50 SX

HOLE FILLED W/ HEAVY MUD

SET WOOD PLUG @ 1300'
W/ 25' ROCK BRIDGE ON
TOP. SET 10 SX CMT
PLUG



HOLE FILLED W/ HEAVY MUD
TO 1300'

NO WATER, OIL, GAS FOUND

7" HOLE TO 3079'

12/5/4/98

Yates Petroleum Corporation

Yates "A" #11

990' FNL & 1650' FEL, Unit B

Sec 6-T17S-R30E

Plugged 11/06/82

P&A 11/82

SET 15 SX PLUG TO SURFACE

PERF @ 420' SQ W/
110 SX TOC 310' (TAG)

10" HOLE @ 451'
8 1/4" 28# SA 451 W/50 SX

PERF @ 1122 SQ W/50 SX
TOC @ 930 (TAG)

CALC TOC = 1131'

SQ HOLES IN CSG @ 1493,
1368 & 1243 W/50 SX
TAG TOC @ 1236'

SPOT 50 SX @ 2800' - 2450' (TAG)

7" 20# SA 2745' W/100 SX

8" HOLE @ 2841'

4/16/98

RR Woolley
Woolley #12-D
330' FNL & 330 FEL, Unit D
Section 33-T17S-R30E
Plugged 07/10/52

SET 5 SX PLUG AT SURFACE

DEA 7/52

8 5/8" CUT & PULLED
FROM 245'

SET 10 SX PLUG IN/OUT
OF 8 5/8" STUB

10" HOLE @ 506
8 5/8" 24# SA 506' w/ 50 SX

10 SX PLUG SA 3100'

7 7/8" HOLE TO 3256

4/16/98

Resler & Sheldon
Digneo State #1-X
2250' FNL & 990' FEL, Unit H
Section 32-T17S-R30E
Plugged 01/59

PEA 12/59

SET 5 SX PLUG AT SURFACE

SET 10 SX PLUG IN/OUT
7" CSG STUB

CUT & PULLED 7" FROM 250'
7" 20# SA 510' w/ 50 SX
8 1/4" HOLE @ 510'

SET 10 SX PLUG IN/OUT
4 1/2" CSG STUB

CUT & PULLED 4 1/2" FROM 1630'

SET 15 SX PLUG 3050-3200

PAIRS 3168-72, 3185-90, 3056-63

6 1/4" HOLE @ 3318
4 1/2" 9.5 # @ 3318' w/ 200 SX

H 4/16/98

Anadarko
Federal L #3
2310' FNL & 330' FWL, Unit E
Section 31-T17S-R30E
Plugged 08/20/93

WELL NO. _____ OF _____

DATE _____

Circ Hole w/90sx From 36'

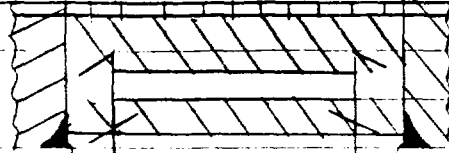
PEA 8/93

SHOT OFF & PULLED 7"

@ 150' SHOT OFF & PULLED

8 5/8" @ 50' SPOTTED 50 SX

PLUG 210' - 36'



8 5/8" Z4# SA 567' W/50 SX

SHOT 7" @ 500' - COULD NOT

PULL SQ W/25 SX

TAG TOC @ 396'

TAG TOP OF PLUG @ 1032'

CALC TOC 931'

PERF @ 1145' SQ W/35 SX

SPOT 35 SX 2331' -
2152' (TAG)

SPOT 60 SX 2842 -
2563' (TAG)

PERFS 2763' - 2775'

7" Z0# SA 2790' W/100 SX

TD 7 7/8" Hole @ 3131'

4/16/98

Anadarko
Federal "L" #5
1650' FNL & 2537' FWL, Unit F
Section 31-T17S-T30E
Plugged 06/22/84

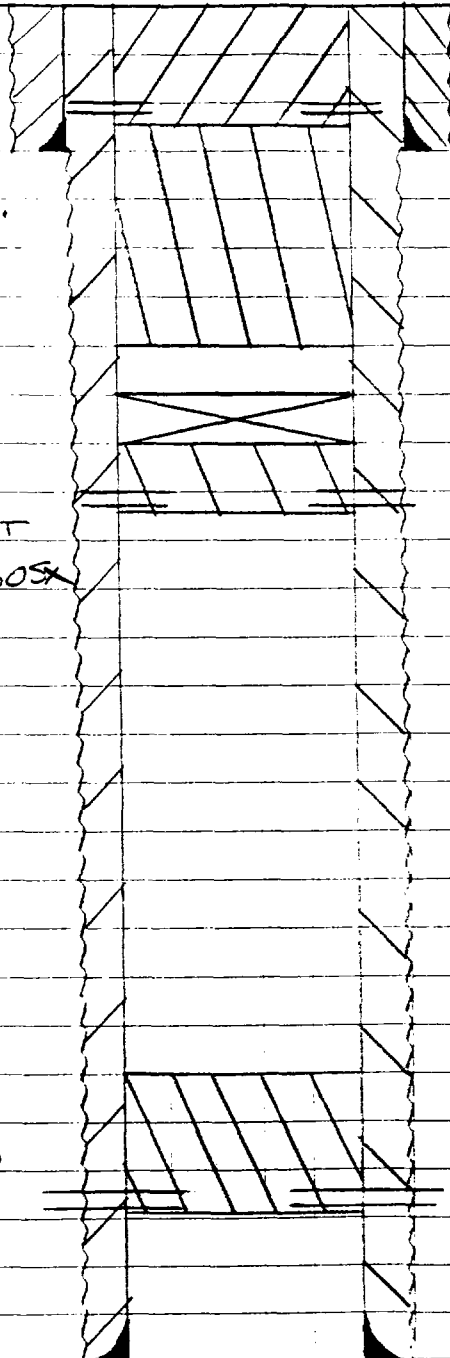
PAGE 10 OF 11

DATE

PEA 6/84

SET PLUG FROM
489' TO SURFACE

PERF @ 465' - COULD NOT
PUMP IN W/ PKL



SET 25 SX FROM 830'
TO 489' (TAG)

PERF @ 1132' SET CMT
RET. @ 1000' SQ 30 SX

SPOT 90 SX FROM 2738
TO 2150 (TAG)

PERF - 2780-2801'

7 7/8" HOLE @ 2850'
4 1/2" 11.6" SA 2837' W/ 600 SX

4/16/93

Yates Petroleum Corporation

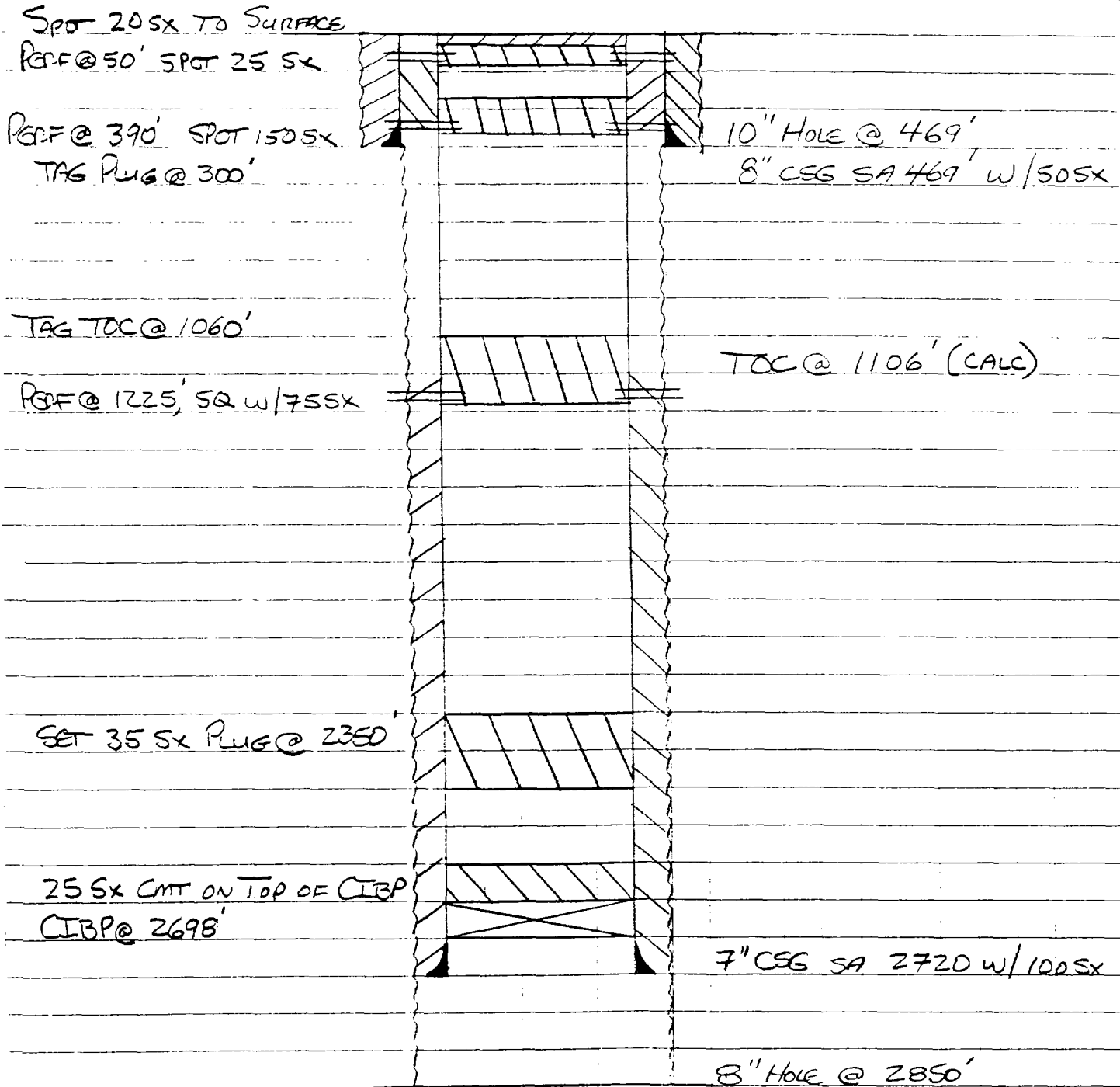
Brigham #1

330' FSL & 990' FEL, Unit P

Section 3-T17S-R30E

Plugged 04/13/87

PZA 4/87



4/16/98

Yates Petroleum Corporation

Brigham #4

1320' FSL & 5' FEL, Unit I

Section 31-T17S-R30E

Plugged 04/16/87

PEA 4/87

PERF 4 HOLES @ 390' -
SQ 100 SX - CIRC TO
SURFACE

12 1/4" HOLE @ 443'
8 5/8" Z4# @ 443' w/50 SX

PERF @ 1193' - SQ w/50 SX -
100' CMT ABOVE PERFS -
TOC @ 960'

SET 50 SX PLUG @ 2300'

CALC TOC @ 2249'

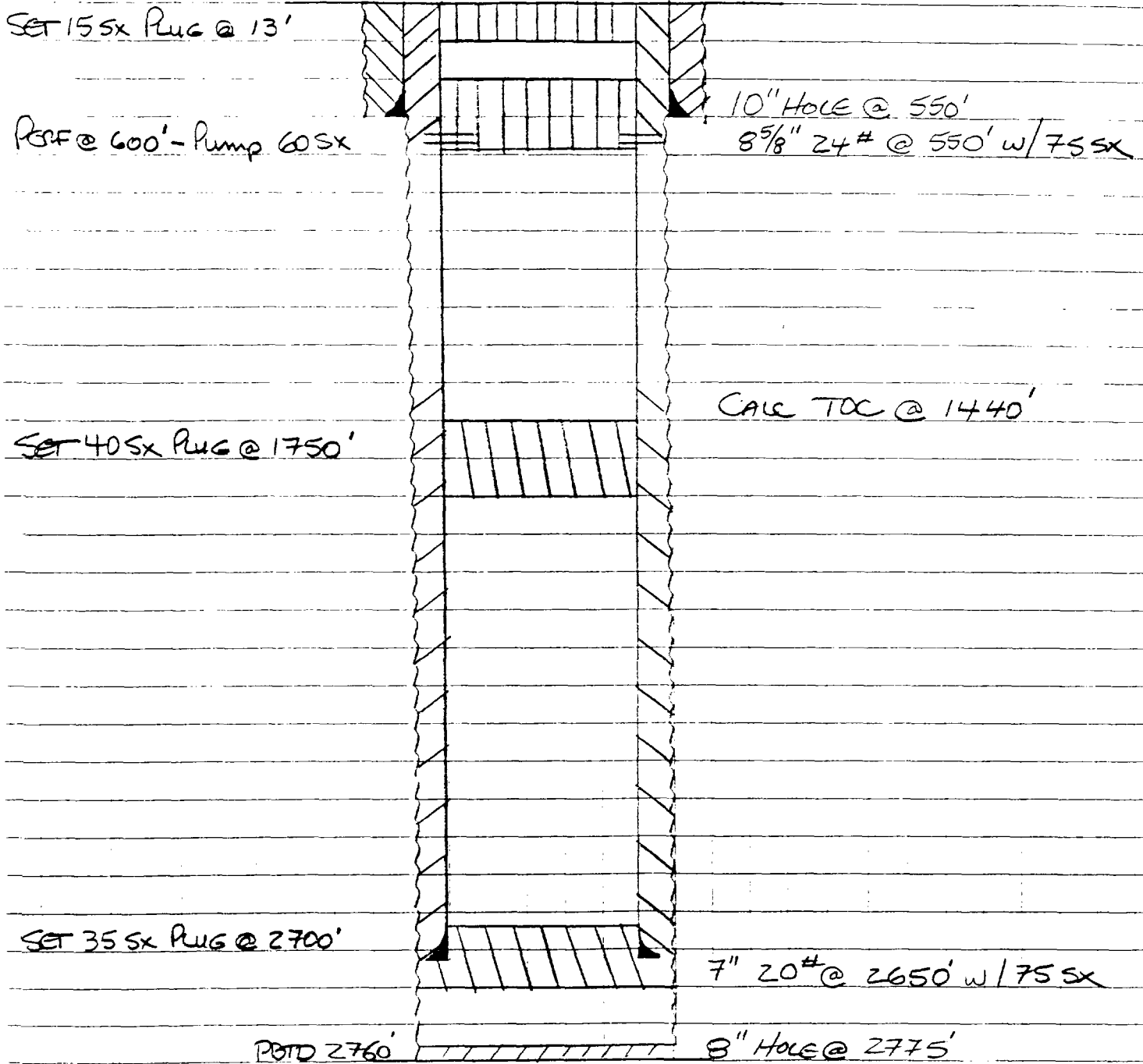
CIBP @ 2770'

7 7/8" HOLE @ 2889'
4 1/2" 9.5# SA 2828' w/100 SX

4/9/98

Southwest Royalties Inc.
State B-1778 #3
330' FSL & 990' FEL, Unit P
Section 36-T17S-R29E
Plugged 03/07/97

P#A 3/97



4/9/98

Yates Petroleum Corporation

Yates A #9

990' FNL & 911' FWL, Unit D

Section 6-T18S-T30E

Plugged 10/27/87

SPOTED 25 SX @ 190' - TAGGED @ 132' - FILLED 5 1/2" CELLAR.

PEA 10/87

DUMPED 130 SX CANN 8 5/8" - FILLED INSIDE & OUTSIDE 8 5/8" TO SURFACE

PERF 4 HOLES @ 300' - TAGGED @ 230'

SPOTED 30 SX @ 320 - TAGGED TOP @ 265'

SET CTRP @ 405 - 50 SX CMT ON TOP

5 1/2" PARTED AT 465'

10" HOLE AT 470'

8 1/2" CSG @ 470' W/ 50 SX

SPOTED 30 SX CMT @ 509 w/

10 SX GRAVEL ON TOP - NO FIL

5 1/2" COLLAPSED @ 852' -

MILLED TO 1100' - OUTSIDE @ 957'

SET 100 SX PLUG @ 1120' w/

2 YARDS GRAVEL ON TOP.

SPOTED 50 SX PLUG @ 955'

w/ 2 YARDS GRAVEL ON TOP

CALC TOC BEHIND 5 1/2" IS 1986'

5 1/2" CSG SA 2703 W/ 100 SX

8" HOLE @ 2805

4/8/98

Yates Petroleum Corporation

Ballard "B" #1

330' FNL & 2310' FEL, Unit B

Section 1-T18S-R29E

Plugged 03/28/83

PEA 10/82

SET 15 SX PLUG @ SURFACE

PERF @ 459' - BULLHEAD

SQ 133 SX - CIRC TO PIT

TAGGED TOC @ 125'

10" HOLE @ 466'

8 1/4" SA 466' W/50 SX

PERF @ 1045' - SQ W/50 SX

TOP CMT IN 7" @ 920'

CALC TOC BEHIND 7" IS 1025'

SET 15 SX PLUG @ 2614'

SPOTTED 50 SX PLUG

FROM 2855 - 2614'

7" @ 2639 W/100 SX

8" HOLE AT 2855

H 4/8/98

Yates Petroleum Corporation

Ballard "B" #3

330' FNL & 990' FEL, Unit A

Section 1-T18S-R29E

Plugged 04/22/85

PAGE NO. _____ OF _____

DATE _____

PEA 11/83

SET 85 SX 380-0'

SET 25 SX 418-380'

PERF @ 418' - SQ W / 50 SX

SET 50 SX PLUG 625-418'

10" HOLE AT 463'

8 1/4" CSG SA 463' W / 50 SX

PERF @ 1127' - SQ W / 50 SX

@ 1000 PSI - TOC INSIDE

7" @ 975'

CALC TOC BEHIND 7" IS 1032'

SPOTTED 100 SX PLUG

FROM 2750' - 2300'

7" CSG SA 2632' W / 100 SX

8" HOLE AT 2771'

H4/8/98

Ballard "B" #5

990' FNL & 330' FEL, Unit A

Section 1-T18S-T29E

Plugged 12/12/86

PEA 12/86

SET 20 SX Plug @ SURFACE
PERF SQ HOLE AT 420'
CMT W/ 75 SX - TOC
INSIDE 7" @ 270'

10" HOLE AT 481'
8 1/4" @ 481' W/ 25 SX

PERF SQ HOLES AT 1120.
ATTEMPTED TO PUMP IN
W/ 500 PSI - COULD NOT
SPOTTED 30 SX FROM
1157' - 1057'

CALC TOC @ 1052' BEHIND 7"

SPOTTED 25 SX FROM
2300' - 2130'

SPOTTED 150 SX FROM
2780' - 2300'

7" @ 2666' W/ 100 SX

8" HOLE AT 2780'

6/4/8/98

Yates Petroleum Corporation

Ballard "B" #4

990' FNL & 1650' FEL, Unit B

Section 1-T18S-R29E

Plugged 10/01/86

PAGE NO. _____ OF _____

DATE _____

P# A 10/86

PERF 2 HOLES AT 398'

ATTEMPTED TO SQ.

SET 120 SX PLUG FROM
465' TO SURFACE

10" HOLE @ 480'

8 1/4" ZB # SA 480' W/50 SX

PERF 2 HOLES AT 1215'

COULD NOT PUMP IN AT

750 PSI. SET 35 SX

PLUG FROM 1275'-1075'

CALC TOC @ 1053'

SET 125 SX CMT PLUG
FROM 2790-2130'

7" 20# SA 2667' W/100 SX

8" HOLE @ 2800'

11/4/86

Aston & Fair
State #1-B
3630' FSL & 3630' FEL, Unit K
Section 32-T17S-R30E
Plugged 04/40

PAGE NO. _____ OF _____

DATE _____

DEA 4/40

10" Hole

8 1/4" 28" CSG w/505x

NO INFO ON PLUGGING

IN OGD FILES

CALC TDC @ 1136'

7" 20# w/1005x

EST. SA 2750'

8" Hole @ 2934

4/8/98

Robert E. McKee
State #1-DD
990' FNL & 330' FWL, Unit D
Section 32-T17S-R30E
Plugged 03/26/56

PAGE NO. _____ OF _____

DATE _____

PEA 3/56

CMT PLUG SET FROM
470' TO SURFACE

10" HOLE @ 470'
8⁵/₈" ZB[#] SA 470' W/30 SX

CMT PLUG SET ACROSS
BASE OF SALT @ 1100'

CMT PLUG SET IN/OUT
5¹/₂" & 7" CSG'S

BRIDGE PLUG SET IN 5¹/₂"
CSG.

7" & 5¹/₂" CUT & PULLED @ 2500'

PERF 2817-44

8" HOLE @ 3000'
7" Z6.5[#] SA 3000' W/50 SX

OPEN HOLE FILLED W/CMT
INTO 5¹/₂" CSG

5¹/₂" SA 3055'
6" HOLE @ 3100' - TD

Resler & Sheldon
Digneo State #1
2310' FNL & 990' FEL, Unit H
Section 32-T17S-R30E
Plugged 01/59

P&A 1/59

SWEDGED 4 1/2" TO
8 1/4" SURFACE CSG
& WELDED IN PLACE
AS DH MARKER

DURING CMT OF
4 1/2" CSG W/200
SX, TOP SIDE PLUGGED-
COLLAPSED CSG @
1900'- RECOVERED
1900' CSG

10" HOLE TO 477'
8 1/4" CSG SA 477' W/25 SX-
cinc.

CALC TOC BEHIND 7" IS
1111'

TOP OF 4 1/2" @ 1900'

CALC. TOC BETWEEN 4 1/2" & 7"
CSGS IS 1964'

8" HOLE TO 2725'
7" 20# SA 2725' W/100 SX

6" HOLE TO 3300'
4 1/2" CSG TO 3300'

4/4/98

Anadarko
Federal "M" #6
1650' FSK & 1650' FEL, Unit J
Section 31-T17S-R30E
Plugged 02/15/84

P&A 2/84

SET Plug From 120'-0'

PERF 4 HOLES @ 393'

SPOTTED 25 SX 430'-

180'. SQ 10 SX INTO PERFS

10" HOLE TO 454'

8 5/8" 28# @ 454' - PULLED
BEFORE 4 1/2" CMT.

PERF 4 HOLES @ 1240'

SPOTTED 25 SX 1250'-

1010'. SQ 10 SX INTO PERFS.

8" HOLE TO 1517'

7" 20# @ 1517' - PULLED
BEFORE 4 1/2" CMT.

SET 25 SX Plug From

2790' - 2530'

PERF. 2846-56'

4 1/2" 9.5# & 11.6# @ 3009 W/9005

CIRCULATED CMT.

TD 3113'

4/17/84

Anadarko
Woolley #1-J
 330' FSL & 330' FEL, Unit P
 Section 29-T17S R30E
 Plugged 05/15/87

PEA 5/87

Perf 4 Hole @ 407'
 Circ 155 SX - 5 1/2" x 8 1/4"
 Full of CMT - Circ
 15 SX TO PIT.

10" Hole TO 470'
 8 1/4" CSG (28") SA 470' W/505x

Top of CMT AT ~ 960'

Perf. 4 HOLES AT 1260'
 SQ 305x (300'). Top
 of Plug in 5 1/2" @ 1145'

CALC. TOP OF CMT AT 1696'
 (7" CSG x 8" Hole)

7" CSG CUT & PULLED
 @ 1696'

TOP OF CMT BY LOG AT 2521'
 (5 1/2" CSG x 7" CSG)

75 SX CMT Plug From
 3230 - 2640'

8" Hole TO 2873'
 7" 20# CSG SA 2873 W/1005x
 GB PERFS 2878 - 3122

SA PERFS 3215 - 24
 6" Hole TO 3255'
 5 1/2" 14# CSG SA 3254 W/755x

11/4/2/92

Anadarko
Federal L #6
2310' FNL & 750' FWL, Unit E
Section 31-T17S-R30E
Plugged 05/13/86

PEA 5/86

SET Plug From
110' TO SURFACE

12 1/4" HOLE TO 72'
10 3/4" CSG TO 48' - CMT - CIRC

SPOTED 105 SX FROM
580' - 110'

SET 25 SX Plug From
1145' - 908'

SET 25 SX Plug From
2690' - 2475'

SET CIBP @ 2690'

PERF 2752-62'

5 1/2" 14# @ 3035 W/600SX - CIRC.
TO 3061'

4/4/98

Anadarko
Federal L #1
2310' FNL & 2310' FWL, Unit F
Section 31-T17S-R30E
Plugged 02/15/84

PAGE NO. _____ OF _____

DATE _____

P#A 2/84

PERF 4 HOLES @ 530'

CIRC W/135 SX - 105x70
PIT

10" HOLE TO 665'

8 5/8" 24# SA 665' W/50 SX

PERF 4 HOLES @ 1155'

SPOTTED 50 SX - 5Q 18 SX

PLUG 1170' - 980'

CMT RET @ 2608' - 5Q 35

SX THRU RET & LEFT 50 SX
ON TOP.

PKR @ 2650' W/1 JT TBG

STICKING UP

5 1/2" LINER 2862 - 2662 - CMT'D

7 7/8" HOLE TO 2705'

7" 20# SA 2705 W/100 SX

PERFS SQUEEZED W/80 SX

PERF 2792 - 2802

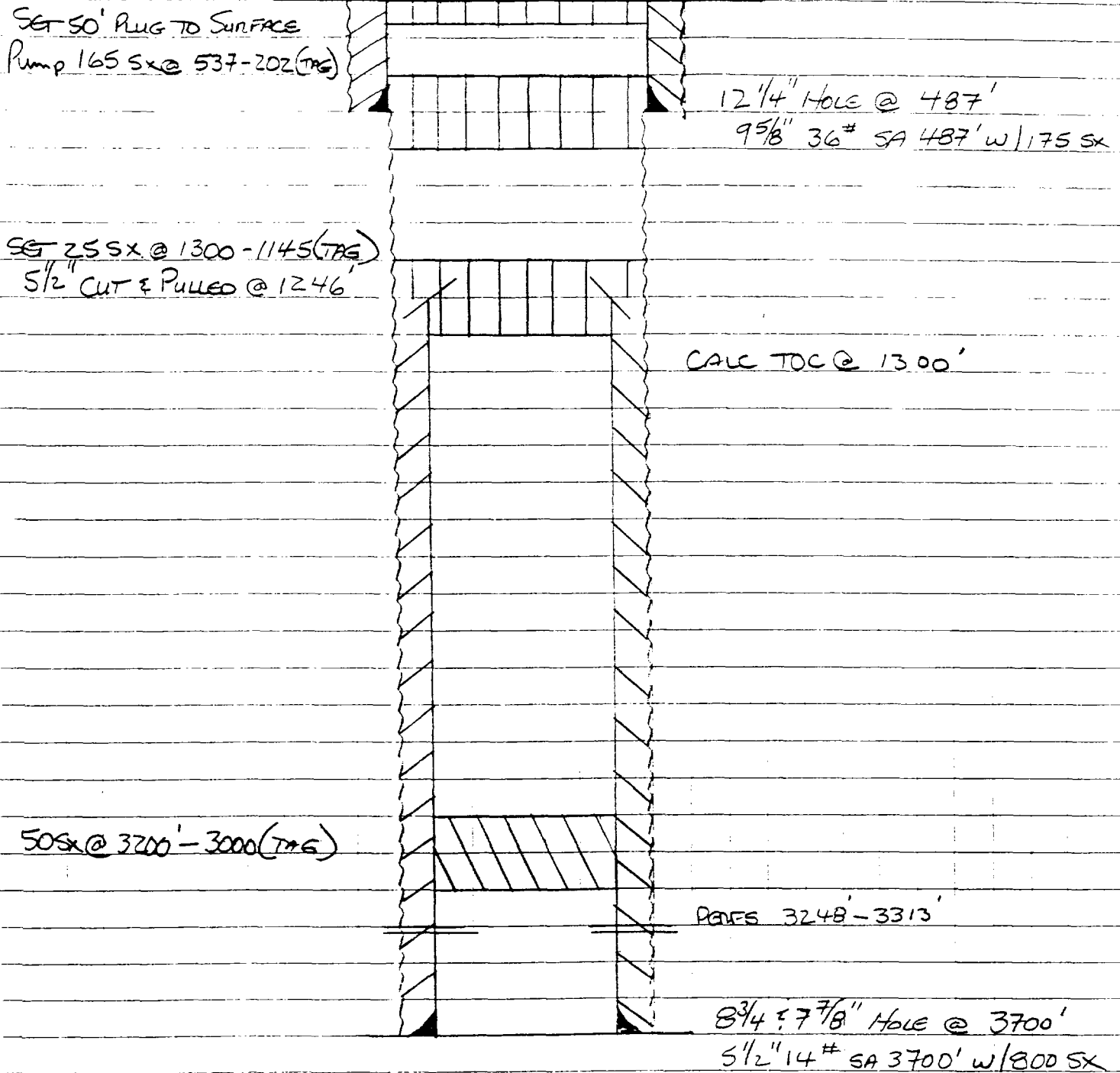
6" HOLE TO 3061'

TD 3061'

H/4/7/98

Enron Oil & Gas Company
Ballard NH Federal #1
330' FNL & 1750' FEL, Unit B
Section 1-T18S-R29E
Plugged 04/07/89

P&A 3/89



KL4/19/98

Yates Petroleum Company
Yates #2
 1650' FNL & 330' FWL, Unit E
 Section 6-T18S-R30E
 Plugged 09/02/93

PEA 9/93

PERF @ 60' SPOT 200 SX -
 CIRC 5 SX

PERF @ 445 SET CMT RET
 @ 395' Pump 200 SX LEFT 35'
 Pump 25#/bbl GEL MUD
 From 1000' TO 400'

10" Hole @ 458'
 8 1/4" 28# SA 458' W/50 SX

SET CMT RET @ 1040' CMT
 W/210 SX LEFT 35' CMT
 ON TOP OF RET.

CALC TOC @ 1058'

SPOT 25 SX TOC 1945' (TAG)

SPOT 50 SX TOC 2200' (TAG)

SET CMT RET @ 2300' Pumped
 120 SX THRU RET. SPOT
 30 SX ON TOP TOC
 2290' (TAG)

INJ PER W/2 3/8" TBG (UNABLE TO
 RECOVER TBG BELOW 2315')
 7" 20# SA 2672' W/100 SX

8" Hole @ 2808'

14/27/98

Exhibit "E"
AFFIDAVIT OF MAILING

STATE OF NEW MEXICO

: ss

COUNTY OF EDDY

I, Perry L. Hughes, do solemnly swear that a copy of this application has been mailed by certified mail, return receipt requested, to each of the following interested parties:

Surface Owner

United States Department of the Interior
Bureau of Land Management
2909 W Second
Roswell, NM 88201

Grazing Permittee

Blaine B. Haines
Star Route E
Artesia, NM 88210

Williams & Son Cattle Co.
PO Box 30
Maljamar, NM 88264

Offset Operators:

Yates Petroleum Corp
105 S 4th
Artesia, NM 88210

Southwest Royalties Inc.
PO Drawer 11390
Midland, TX 79702

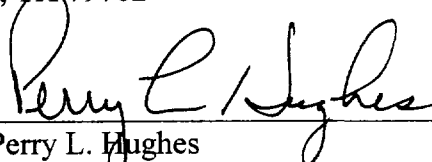
MNA Enterprises
106 W Alabama
Hobbs, NM 88242

Marbob Energy Corp.
PO Box 227
Artesia, NM 88210

GP II Energy, Inc.
PO Box 50682
Midland, TX 79710

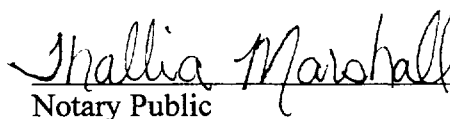
Mack Energy Corporation
PO Box 960
Artesia, NM 88210

Enron Oil & Gas Corp.
PO Box 2267
Midland, TX 79702


Perry L. Hughes

SWORN AND SUBSCRIBED TO before me this 6th day of May, 1998.




Shallia Marshall
Notary Public