

December 2, 1998

Mr. Ben Stone
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

AMEND WFX 771/2/21/98
R 5631 - SEMU
3632 WARREN
MCKEE CASES 6131
6132

DEC - 4

RE: Conoco, Inc., Warren McKee and SEMU McKee Waterflood Project,
Lea County, New Mexico/ORDER NO. WFX-566

Dear Mr. Stone,

Approximately one year ago it was determined that the waterflood project in the Warren McKee pool was not economically feasible. Conoco did not intend to abandon the waterflood project, but to suspend waterflood operations until such time as an economic evaluation would prove profitable. During the past year Conoco has added production from this pool from the horizontal completion of the Warren Unit, Well #128 (30-025-34158). Conoco anticipates that by utilizing injection wells - Warren Unit Wells #23 and #28 and the SEMU McKee Wells #60 & #62 the production from the McKee pool will be enhanced. 1800 PSI

The injection rates and pressures will be the same as when the project was suspended. We anticipate an average daily injection rate of 2500 bbls, 70% fresh water (City of Eunice contract) with an average injection pressure of 1500 psig. This represents the same data as submitted on the initial Form C-108. We are respectfully requesting permission to put this waterflood project back in operation as described above and on the attached Sundry Notices for each well. Please call me @ 1-800-432-2967, e-mail @ Wtor1948@aol.com or at the address below if you would like any further documentation or have any questions. Thank you.

Yours truly,



Ann E. Ritchie, Regulatory Agent
Conoco, Inc.
10 Desta Dr., Suite 100W
Midland, Texas 79705

cc: Tim Schneider-Conoco/Midland, Kay Maddox-Conoco/Midland
attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1983

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

5. Lease Designation and Serial No.
LC031670A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Name of lease & well
SEMU McKee, Well #60

9. API well #

30 025 07857

10. Field and Pool, or Exploratory Area

Warren McKee Simpson

11. County or Parish, State

Lea, NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well INJECTION Other

2. Name of Operator

CONOCO, INC.

3. Address and Telephone No.

10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424 915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: **1980' FNL & 990' FWL**
TD: **Sec 29, T20S, R38E, Unit letter E**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

- Abandonment Change of Plans
 Recompletion New Construction
 Plugging Back Non-Routine Fracturing
 Casing Repair Water Shut-Off
 Altering Casing Conversion to Injection
 Put back on injection Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

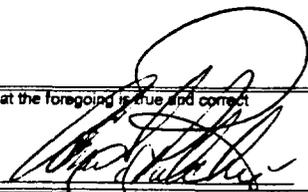
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Waterflood operations were suspended for the McKee zone effective 8/97 for evaluation. Since that time the production from the McKee zone has fallen at an unacceptable rate. Also, production from the most recent Conoco completion in the McKee in Section 29 will be enhanced by re-injecting.

We propose to put this well back into use for injection effective 1-1-99.
The permit for the McKee injection project is Order No. WFX-566.

14. I hereby certify that the foregoing is true and correct.

Signed



Title

**Ann E. Ritchie
REGULATORY AGENT**

Date **11-17-98**

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

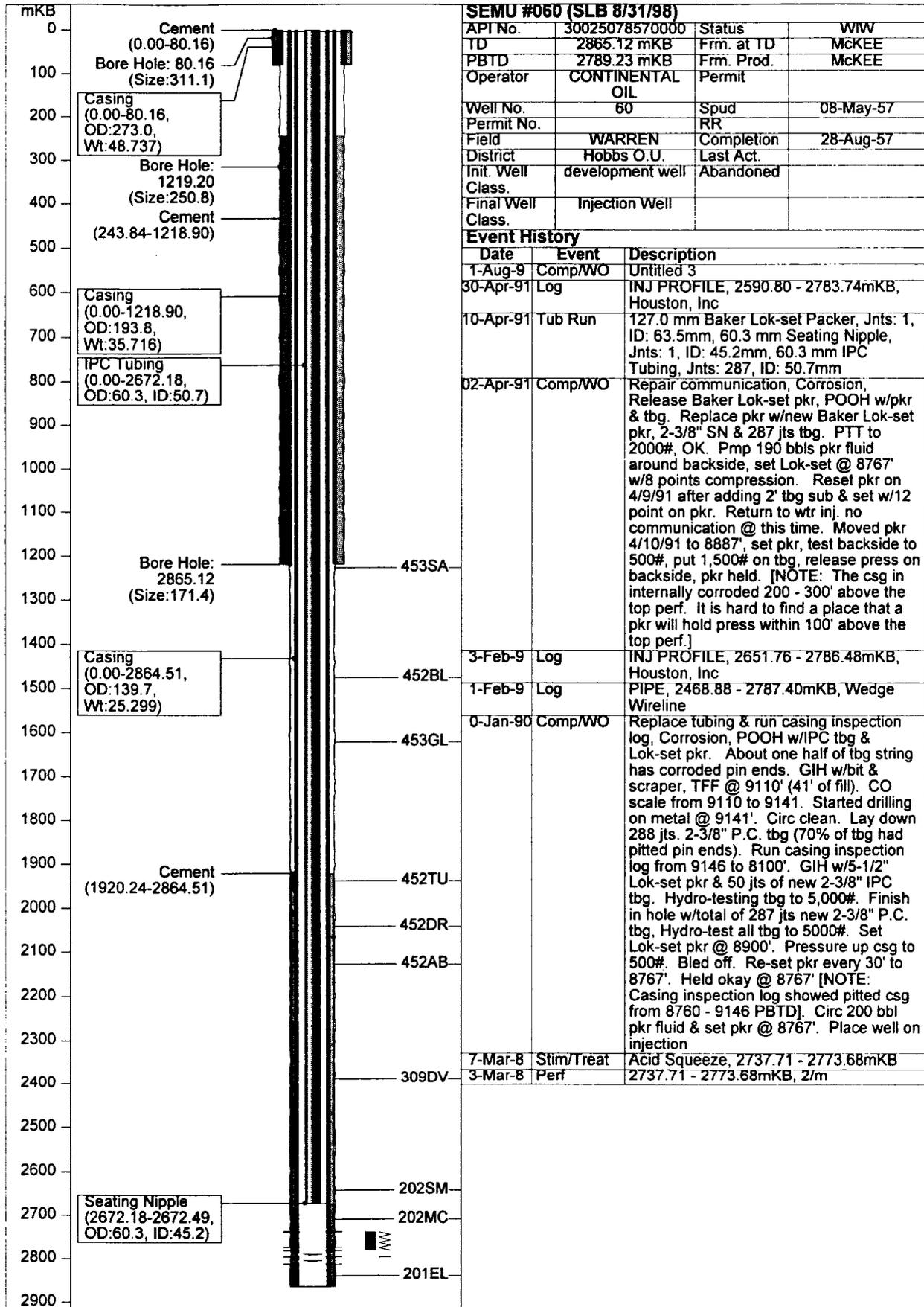
Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

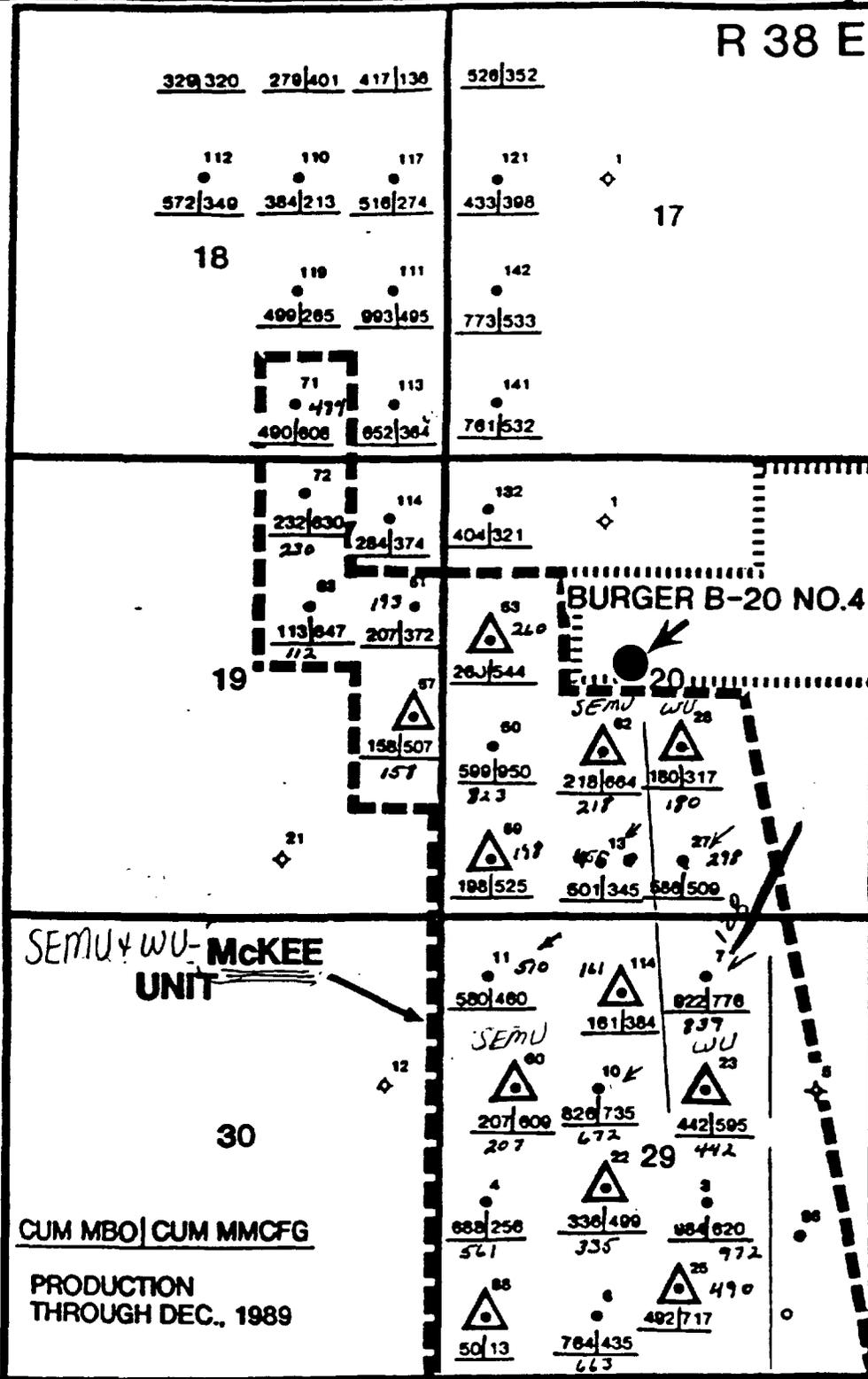
SEMU #060 (SLB 8/31/98)



SEMU #060 (SLB 8/31/98)			
API No.	30025078570000	Status	WIW
TD	2865.12 mKB	Frm. at TD	McKEE
PBTD	2789.23 mKB	Frm. Prod.	McKEE
Operator	CONTINENTAL OIL	Permit	
Well No.	60	Spud	08-May-57
Permit No.		RR	
Field	WARREN	Completion	28-Aug-57
District	Hobbs O.U.	Last Act.	
Init. Well Class.	development well	Abandoned	
Final Well Class.	Injection Well		

Event History		
Date	Event	Description
1-Aug-9	Comp/WO	Untitled 3
30-Apr-91	Log	INJ PROFILE, 2590.80 - 2783.74mKB, Houston, Inc
10-Apr-91	Tub Run	127.0 mm Baker Lok-set Packer, Jnts: 1, ID: 63.5mm, 60.3 mm Seating Nipple, Jnts: 1, ID: 45.2mm, 60.3 mm IPC Tubing, Jnts: 287, ID: 50.7mm
02-Apr-91	Comp/WO	Repair communication, Corrosion, Release Baker Lok-set pkr, POOH w/pkr & tbg. Replace pkr w/new Baker Lok-set pkr, 2-3/8" SN & 287 jts tbg. PTT to 2000#. OK. Pmp 190 bbls pkr fluid around backside, set Lok-set @ 8767' w/8 points compression. Reset pkr on 4/9/91 after adding 2' tbg sub & set w/12 point on pkr. Return to wtr inj. no communication @ this time. Moved pkr 4/10/91 to 8887', set pkr, test backside to 500#, put 1,500# on tbg, release press on backside, pkr held. [NOTE: The csg in internally corroded 200 - 300' above the top perf. It is hard to find a place that a pkr will hold press within 100' above the top perf.]
3-Feb-9	Log	INJ PROFILE, 2651.76 - 2786.48mKB, Houston, Inc
1-Feb-9	Log	PIPE, 2468.88 - 2787.40mKB, Wedge Wireline
0-Jan-90	Comp/WO	Replace tubing & run casing inspection log, Corrosion, POOH w/IPC tbg & Lok-set pkr. About one half of tbg string has corroded pin ends. GIH w/bit & scraper, TFF @ 9110' (41' of fill). CO scale from 9110 to 9141. Started drilling on metal @ 9141'. Circ clean. Lay down 288 jts. 2-3/8" P.C. tbg (70% of tbg had pitted pin ends). Run casing inspection log from 9146 to 8100'. GIH w/5-1/2" Lok-set pkr & 50 jts of new 2-3/8" IPC tbg. Hydro-testing tbg to 5,000#. Finish in hole w/total of 287 jts new 2-3/8" P.C. tbg. Hydro-test all tbg to 5000#. Set Lok-set pkr @ 8900'. Pressure up csg to 500#. Bled off. Re-set pkr every 30' to 8767'. Held okay @ 8767' [NOTE: Casing inspection log showed pitted csg from 8760 - 9146 PBTD]. Circ 200 bbl pkr fluid & set pkr @ 8767'. Place well on injection
7-Mar-8	Stim/Treat	Acid Squeeze, 2737.71 - 2773.68mKB
3-Mar-8	Perf	2737.71 - 2773.68mKB, 2/m

R 38 E



EXISTING	PLANNED FOR 1991	PLANNED/DONE FOR 1990
NEW WELL	⊗	⊗
OIL WELL	●	●
GAS WELL	○	○
DRY HOLE	◇	◇
OIL & GAS WELL	⊙	⊙
ABANDONED OIL WELL	⊖	⊖
ABANDONED GAS WELL	⊘	⊘
REJECTION WELL	⊚	⊚
RECOMPLETE WELL	⊛	⊛
SHUT-IN	⊜	⊜
SWD	⊝	⊝

 EPNGNA MIDLAND DIVISION	
SEM U + WU - MCKEE POOL PRODUCTION MAP PROPOSED BURGER B-20 NO. 4	
PROJECT	
COUNTY	LEA, NEW MEXICO
BY	McCAFFERTY
DATE	6-90
REVISED BY	
DATE	
DRAFTED BY	PDJ
SCALE	1" = 2000'
BUDGET JOB#	

Cum MBO @ 1-1-79 = 8956 MMBO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.
LC031670A

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well INJECTION Other

2. Name of Operator
CONOCO, INC.

3. Address and telephone no.
10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424 915 684-6381

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 Surface: **1880' FSL & 1980' FWL**
 TD: **Sec 29, T20S, R38E, Unit letter E**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Name of lease & well
SEMU McKee, Well #62

9. API well #
30 025 07835

10. Field and Pool, or Exploratory Area
Warren McKee Simpson

11. County or Parish, State
Lea, NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Put back on injection
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

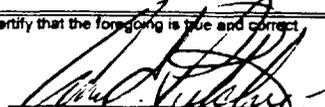
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9067-9166

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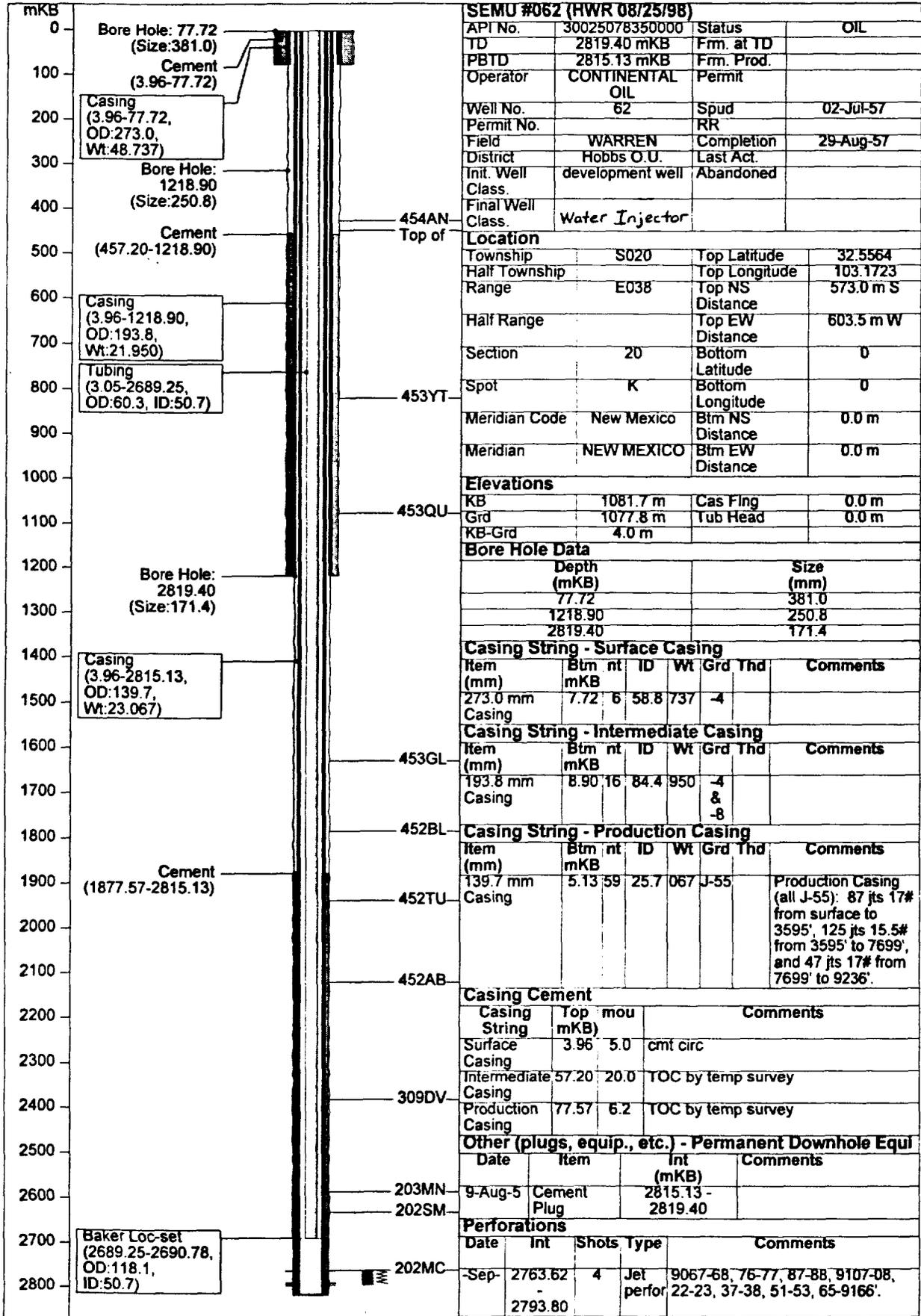
Signed  Title **Ann E. Ritchie
REGULATORY AGENT** Date **11-17-88**

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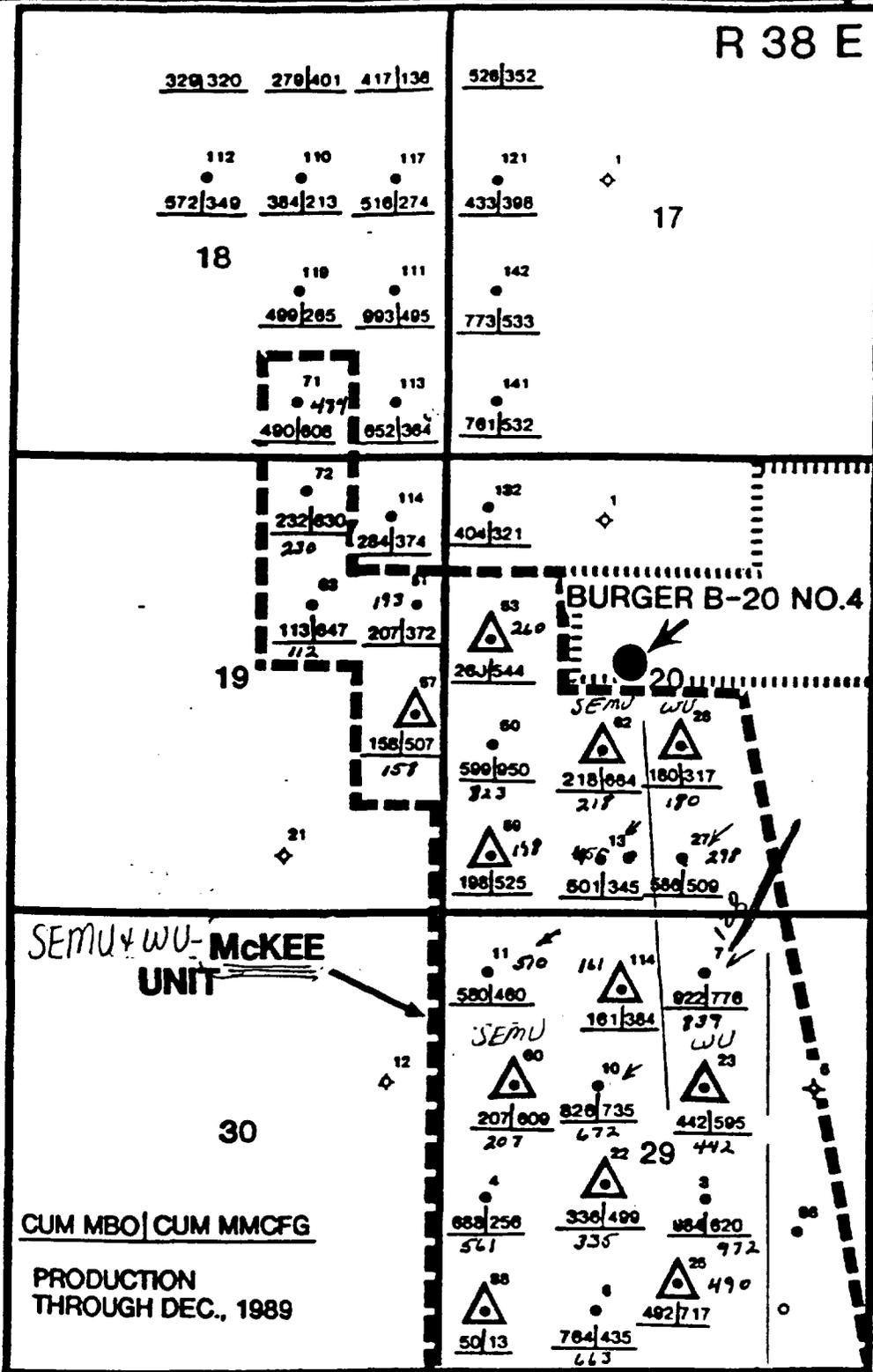
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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SEMU #062 (HWR 08/25/98)



R 38 E



T
20
S

60, 62, 23 & 28 - Injection
New - # 128

EXISTING PLANNED FOR 1991 PLANNED/DONE FOR 1990

NEW WELL	---	☐	---
OIL WELL	●	---	---
GAS WELL	○	---	---
DRY HOLE	◇	---	---
OIL & GAS WELL	●	---	---
ABANDONED OIL WELL	●	---	---
ABANDONED GAS WELL	○	---	---
INJECTION WELL	▲	☐	▲
RECOMPLETE WELL	---	☐	C
SHUT-IN	⊛	---	---
SWD	△	☐	---

CONOCO

EPNGNA
MIDLAND DIVISION

SEMU+WU-McKee POOL

PRODUCTION MAP

PROPOSED BURGER B-20 NO. 4

PROJECT

COUNTY LEA, NEW MEXICO C.I.

BY: McCAFFERTY DATE: 6-80

REVISED BY: DATE:

DRAFTED BY: PDJ SCALE 1"=2000'

BUDGET JOB#

Cum MBO @ 1-1-79 = 8956 MMBO