



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

7/16/01

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

RE: Proposed:

MC _____
DHC _____
NSL X _____
NSP _____
SWD _____
WFX _____
PMX _____

Gentlemen:

I have examined the application for the:

Operator Conoco Inc Lease & Well No. Warren Unit Unit #22-K, 29-20s-38e
S-T-R 30-025-07854

and my recommendations are as follows:

OK Paul Williams

Yours very truly,

Paul Williams
Chris Williams
Supervisor, District 1

July 10, 2001

Mr. Michael Stogner
New Mexico Oil Conservation Division
1220 S. Saint Francis Drive
Santa Fe, New Mexico 87504

Application for Nonstandard Location North Hardy Strawn pool:

Warren Unit #22
API # 30-025-07854
Section 29, T-20-S, R-38-E, K
2090' FSL & 2090 FWL
North Hardy Strawn Recomplete
Lea County, New Mexico

Dear Mr. Stogner,

Conoco respectfully requests your approval of this administrative application for a nonstandard order for the proposed Strawn recomplete of the Warren Unit #22 well.

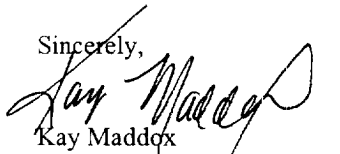
The North Hardy Strawn pool rules state that a standard location is 660' from the outer boundary of the 160-acre proration unit. The Warren Unit #22 is only 550' from the north line of the 160-acre proration unit. Please reference the attached C-102 plat.

The well was drilled and completed in September 1957 as a McKee oil producer. In January 1979 the well was converted to an injection well. The well was temporarily abandoned in 1996, and is currently idle. Conoco proposes to recomplete the Warren Unit #22 to the Strawn. Open hole logs suggest porosity development in the Strawn (see attached log section) similar to that seen in the SEMU # 114. The SEMU #114 was completed successfully in the Strawn earlier this year. The Warren Unit # 22 sits in a structurally high position, (see attached structural map). Recompleting the Warren Unit #22 in the Strawn would take advantage of an existing wellbore and eliminate the necessity of drilling a new wellbore to extend proven Strawn reserve for this area to the south.

The Warren Unit # 22 wellbore encroaches north toward the Southeast Monument Unit. Conoco is the operator of the SEMU Unit however the working, and royalty interest owners are different than those in the Warren Unit. Statewide rule 1207A-2-a-4 states that the WI and RI owners have to be notified of this request. Please find attached evidence that they have been sent certified copies of this application on July 10, 2001.

In order to prevent waste, Conoco respectfully requests your approval of this nonstandard location application for the Warren Unit #22. If you have any further questions regarding this application please contact me at (915) 686-5798.

Sincerely,


Kay Maddox
Regulatory Agent - Conoco

Cc: New Mexico Oil Conservation Division - Hobbs

District I
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals & Natural Resources Department

Revised February 21, 1994

District II
PO Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

instructions on back

District III
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088

Submit to Appropriate District Office

Santa Fe, NM 87504-2088

State Lease - 4 Copies

District IV
PO Box 2088, Santa Fe, NM 87504-2088

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-07854		2 Pool Code 96893		3 Pool Name North Hardy Strawn	
4 Property Code		5 Property Name Warren Unit			6 Well Number #22
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation

10 Surface Location

UL or lot no. K	Section 29	Township 20S	Range 38E	Lot Idn	Feet from the 2090	North/South line South	Feet from the 2090	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	---------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
---------------	---------	----------	-------	---------	---------------	------------------	---------------	----------------	--------

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 Order No.
---------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16			

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Kay Maddox

Signature Kay Maddox

Printed Name Regulatory Agent

Title June 18, 2001

Date

18 SURVEYOR CERTIFICATION

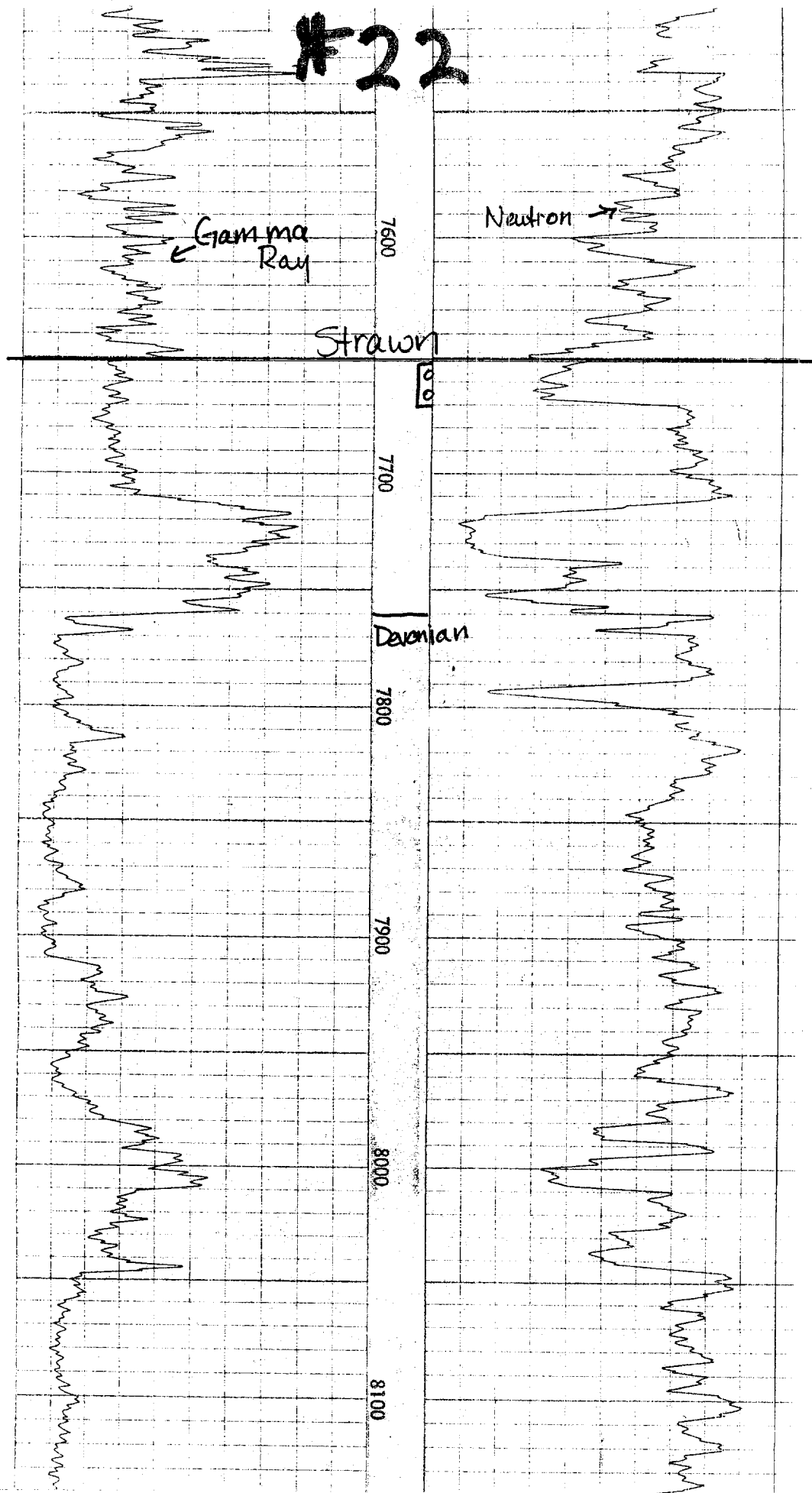
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number

#22



30025078540000

6/15/2001

WARREN UNIT #022 (SLB 9/20/98)

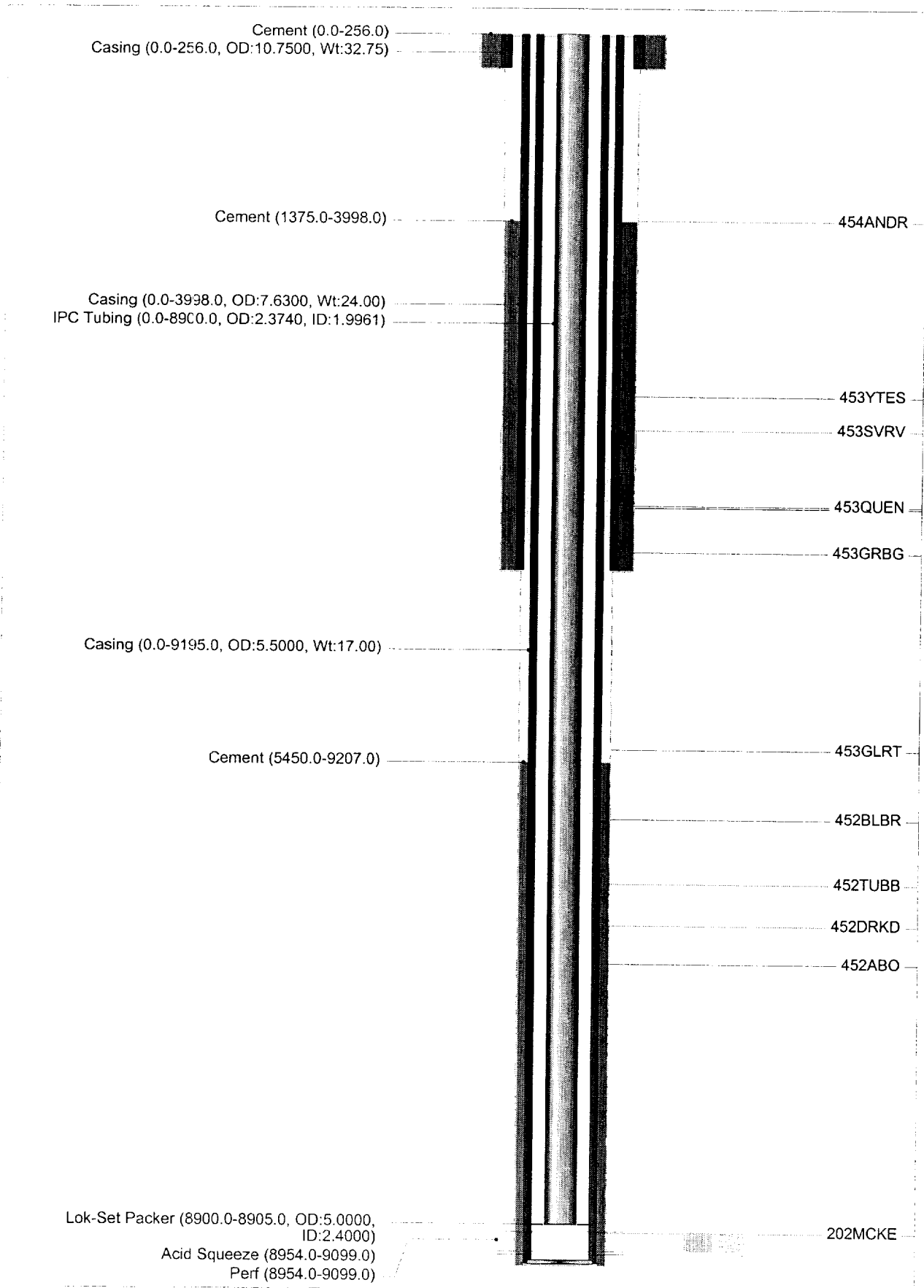
API No.	
Spud	30025078540000
Completion	7/12/1957
Abandoned	9/18/1957
Frm. Prod.	
Well No.	McKee
Field	22
Init. Well Class.	WARREN
Status	development well
Permit	WIW
RR	
Last Act.	
TD	
PBTD	9207.0 ftKB
Operator	9161.0 ftKB
Permit No.	CONTINENTAL OIL
District	
Final Well Class.	Hobbs O.U.
Frm. at TD	Water Injection Well
	McKee

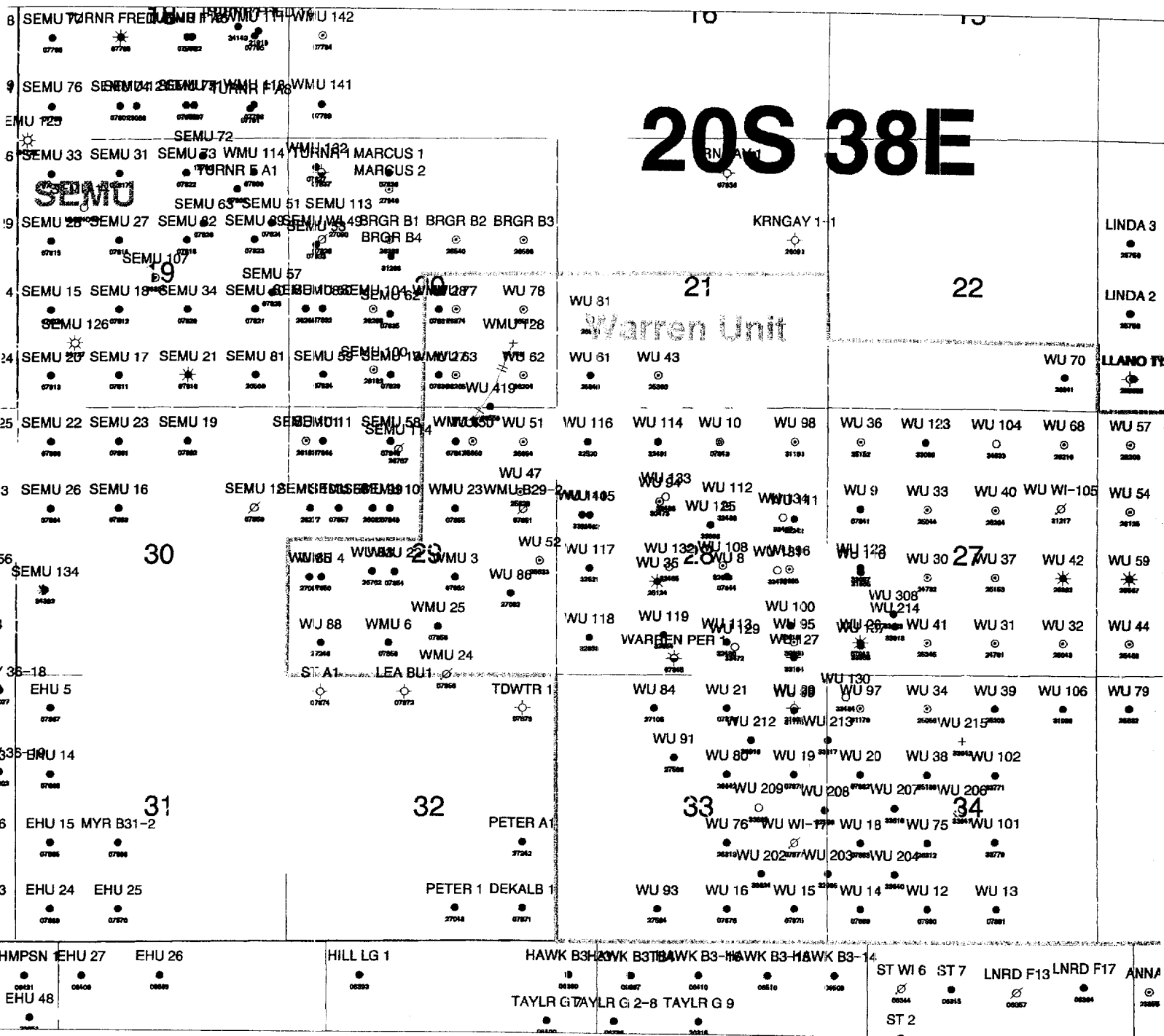
Event History**Description**

	Date	Event
13.7500in, Depth 260.0ftKB		
10.7500 in Casing, ID: 10.1900in, Jnts: 7	7/12/1957	Bore Hole
With 250sx, Surface Casing, Top Found At 0.0ftKB	7/12/1957	Cas Run
9.8750in, Depth 4004.0ftKB	7/12/1957	Cas Cmmt
7.6300 in Casing, ID: 7.0200in, Jnts: 115	7/22/1957	Bore Hole
With 700sx, Intermediate Casing, Top Found At 1375.0ftKB	7/23/1957	Cas Run
4000.0 - 9198.0ftKB, Schlumberger, ELECTRIC LOG, 4000.0 - 9198.0ftKB,	7/23/1957	Cas Cmmt
Schlumberger, MICROLOGGING	9/2/1957	Log
6.7500in, Depth 9207.0ftKB		
5.5000 in Casing, ID: 4.8900in, Jnts: 262	9/3/1957	Bore Hole
With 230sx, Production Casing, Top Found At 5450.0ftKB	9/4/1957	Cas Run
50.0 - 9161.0ftKB, Welox, GR, NEU	9/4/1957	Cas Cmmt
8965.0 - 9123.0ftKB, 3.3/ft	9/10/1957	Log
9161.0 - 9200.0ftKB, Cement Plug, OD: 5.0000in	9/12/1957	Perf
8965.0 - 9124.0ftKB, Fracture	9/15/1957	Other Run
POOH w/prod equipment & Chambers pkr assembly. Ran 2 jts tbg on sd line	7/10/1959	Stim/Treat
w/depthometer & tagged btm @ 9103'. RIH w/1 jt. tbg, 1.78" model "R" profile	1/15/1979	Comp/WO
nipple, 1 jt. tbg, 5 1/2" Baker Lok-Set pkr, on/off receptacle w/1.78" Model "F" profile		
& plastic lined tbg. Ran tota 284 jts. 2 3/8" EUE 8rd tbg. Internally plastic coated		
by Spincoat. Set pkr @ 8856 - 72. w/4 pts wt on pkr. Set plug in "S" nipple @		
8888' & disp annulus w/trtd wtr, pkr fluid. Engaged On/Off tool & tstd csg w/500#,		
OK. Install well head & start water injection., Pull Production Equipment, Convert to		
Injector		
50.0 - 8965.0ftKB, Dresser, CORROSION ANALYSIS TUBULARS		
POOH w/PC tbg & Lok-set pkr. GIH w/5.5" scraper & 290 jts tbg. Tag fill @ 9037	6/8/1981	Log
(124' of fill). CO fill to 9161' (PBTD). Recovered sand & scale. GIH w/5 1/2"	5/13/1988	Comp/WO
Lok-Set pkr & 285 jts 2 3/8" P.C. tbg. Circ 175 bbl pkr fluid. Land pkr @ 8856.		
Place on injection., Clean out, Clean Out Fill		
Tag fill @ 9140' circ sand off btm to 9160'. POH to 8965' & circ comp fluid to get	10/23/1989	Comp/WO
clear returns. Pmp 18 bbls o' 15% HCL-NEFE acid, flushed w/34 bbls comp fluid.		
Spot 5 bbls 15% HCL-NEFE acid (Inhibited 48 hrs @ 125°). Run GR-CCL F/TD to		
8700'. Perf 2 JSPF 8954-9099. Load & test BS to 500#. OK. Pmp 25 bbl 15%		
HCL-NEFE acid & 3 bbls 10 ppg brine, 2 bpm @ 200#. Close pkr by-pass & pmp 4		
stgs, acid, Dichlor-5 & salt block. Pmpd 106 bbls comp fluid on last stage flush.		
Max 2 bpm @ 2,000#. RBIH w/injeciton equip, set pkr @ 8613' w/17 points. Return		
to water injection., Add Perfs, Acdz, Run Inj Profile & Step Rate Test, Gen. Maint &		
Repair		
8954.0 - 9099.0ftKB, 6.6/ft	10/25/1989	Perf
8954.0 - 9099.0ftKB, Acid Squeeze	10/26/1989	Stim/Treat
Scan-a-log tbg out of hole. Lay down 27 jts. w/excessive wall loss. GIH w/csg	3/2/1993	Comp/WO
scraper to 8870'. Hydro-test in hole. Set pkr @ 8899', test pkr. Got off on/off tool,		
circ pkr fluid. Latch on/off tool, cut 500# - 30 min. chart., Tubing Leak, Corrosion		
PU 289 jts. of newly coated IPC tbg. Flange up well head circ 210 bbls pkr fluid, set	2/28/1994	Comp/WO
pkr, load BS w/2bbls & ran 30 minute chart. Held good for 500#., Tubing Leak,		
Corrosion		
2.3740 in IPC Tubing, ID: 1.961in, Jnts: 289, 5.0000 in Lok-Set Packer, ID:	3/1/1994	Tub Run
2.4000in, Jnts: 1		

30025078540000

6/15/2001





CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees		\$	
Reci Boys & Girls Club of America Street National Headquarters 1230 W. Peachtree St Atlanta, GA 30309-3404 City, State, Zip			

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees		\$	
Reci Timothy T. Leonard Street PO Box 2625 Eagle Pass, TX 78853-2625 City, State, Zip			

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total F			
Reci New Mexico Boys Ranch Street Business Office 6209 Hendrix NE Albuquerque, NM 87110-1334 City, State, Zip			

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees		\$	
Reci Elks National Foundation Street Jim O'Kelley Director 2750 N. Lakeview Ave Chicago, IL 60614-1842 City, State, Zip			

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees		\$	
Reci Minerals Mgmt Service Street Onshore Federal # 17555 PO Box 5810 Denver, CO 80217-5810 City, State, Zip			

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

Postage		\$	Postmark Here
Certified Fee			
Return Receipt Fee (Endorsement Required)			
Restricted Delivery Fee (Endorsement Required)			
Total Postage & Fees		\$	
Reci University of New Mexico Street UNM Pre-Audit Dept 85-6000642 Scholes Hall Rm #251 Albuquerque, NM 87131-3011 City, State, Zip			

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 7967 5187

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Rec
Molly M. Azopardi
Stre PO Box 620
City, Wimberley, TX 78576-0620

PS Form 3800, February 2000

See Reverse for Instructions

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 7967 5149

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Rec Shattuck-St. Marys School
Stre PO Box 218
City, Faribault, MN 55021-0218

PS Form 3800, February 2000

See Reverse for Instructions

Postage \$

Certified Fee

Return Receipt Fee
(Endorsement Required)Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$

Postmark
Here

Rec Boyer/Coleman/Spitler
Street Collection Trust #1
City, C/O Bank Of America
PO Box 840738
Dallas, TX 75284-0738

PS Form

Return Receipt Fee
(Endorsement Required)Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$

Here

Recip Arco
Street, 600 North Marienfield
City, Midland, TX 79702-1610

PS Form

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 7967 5156

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Rec Chevron USA
Stre PO Box 1635
City, Houston, TX 77251

PS Form 3800, February 2000

See Reverse for Instructions

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 7967 5132

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Recip Chloe Blair Trust
Street, Mike Floyd Trustee
City, PO Box 868
Borger, TX 79008-0868

PS Form

See Reverse for Instructions

U.S. Postal Service

CERTIFIED MAIL RECEIPT

(Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 7967 5125

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Rec Leonard Trust
Stre Robert J. Leonard Trustee
City, PO Box 400
Roswell, NM 88202-0400

PS Form 3800, February 2000

See Reverse for Instructions