RELEASE 1-17-94
SWD - RECLASSIFY FROM INJ.

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: FINA OIL & CHEMICAL CO. Well: GINSBERG FEDERAL WELL No. 6

Contact: NEVA HEFNDON / JIM REDFERN - PE Title: PETROTECH ASSISTANT Phone: 915-688-0600

DATE IN 12-30-94 RELEASE DATE 1-14-94 DATE OUT _____

Proposed Injection Application is for: ___ WATERFLOOD ___ Expansion ___ Initial

Original Order: R- _____ ___ Secondary Recovery ___ Pressure Maintenance

SENSITIVE AREAS X SALT WATER DISPOSAL

___WIPP ___ Capitan Reef ___ Commercial Operation

Data is complete for proposed well(s)? ___ Additional Data _____

AREA of REVIEW WELLS

27 Total # of AOR 5 # of Plugged Wells

YES Tabulation Complete YES Schematics of P & A's

YES Cement Tops Adequate ___ AOR Repair Required

INJECTION INFORMATION

Injection Formation(s) PENROSE

Source of Water _____ Compatible ___

PROOF OF NOTICE

YES Copy of Legal Notice YES Information Printed Correctly

YES Correct Operators YES Copies of Certified Mail Receipts

___ Objection Received ___ Set to Hearing _____ Date

NOTES: _____

_____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL YES

COMMUNICATION WITH CONTACT PERSON:

1st Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

2nd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

3rd Contact: ___ Telephoned ___ Letter _____ Date Nature of Discussion _____

December 20, 1993

CERTIFIED RETURN MAIL

State of New Mexico
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Attn: David Catanach

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Mr. Catanach:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Fina Oil and Chemical Company

Address: P.O. Box 2990, Midland, Texas 79702

Contact party: Neva Herndon Phone: 915-688-0600

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: Neva Herndon Title Petrotechnical Associate

Signature: Neva Herndon Date: 12-20-93

* 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. _____

2

20/93 DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office.

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

(1) The name, address, phone number, and contact party for the applicant;

(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(3) the formation name and depth with expected maximum injection rates and pressures; and

(4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

Attachment to the Application for Authorization to Dispose of produced water:

III. (Wellbore diagram of Ginsberg Fed #6 is Attachment A).

A. 1. Lease name: Ginsberg Federal
Location: Sec 31E-25S-38E
1980 FNL, 660 FWL

2. Csg: 8-5/8", 24#, @ 1190'; cmt w/ 450 sx; circ; set in 11" hole

5-1/2", 15.5#, J55 @ 3257'; cmt w/ 150 sx; TOC @ 2114' (calc); set in 7-7/8" hole

3. Tbg: 2-3/8" Centron DH8-1500 fiberglass, 8rd, @ 3205'

4. Packer: 5-1/2" Arrow A-1, plastic coated, w/ 1.81" stainless steel profile nipple; on-off tool; pkr set @ 3205'

B. Disposal formation: Penrose
Field: Langlie Mattix
Disposal interval: 3258-3340' Open hole
Originally drilled for oil production.
No other perforations in this wellbore.
There are no immediate oil or gas zones

V. Map- Attachment B.

VI. Tabulation of wells in area of review, and wellbore diagrams of plugged wells within area attached (Attachment C).

VII.

1. Proposed average daily rate: 250 bwpd
Proposed maximum daily rate: 500 bwpd

2. System is closed.

3. Average injection pressure is near 0 (has been on a vacuum for several years).
Proposed maximum injection pressure: 1000#.

4. Only produced water is re-injected for disposal.

5. Water analysis (Attachment D).

VIII. Injection zone: Penrose
Thickness 83 feet
Top of Penrose 3194'.
Bottom of the deepest fresh water zone is 850'.

IX. No proposed stimulation.

X. Gamma Ray-Neutron log attached.

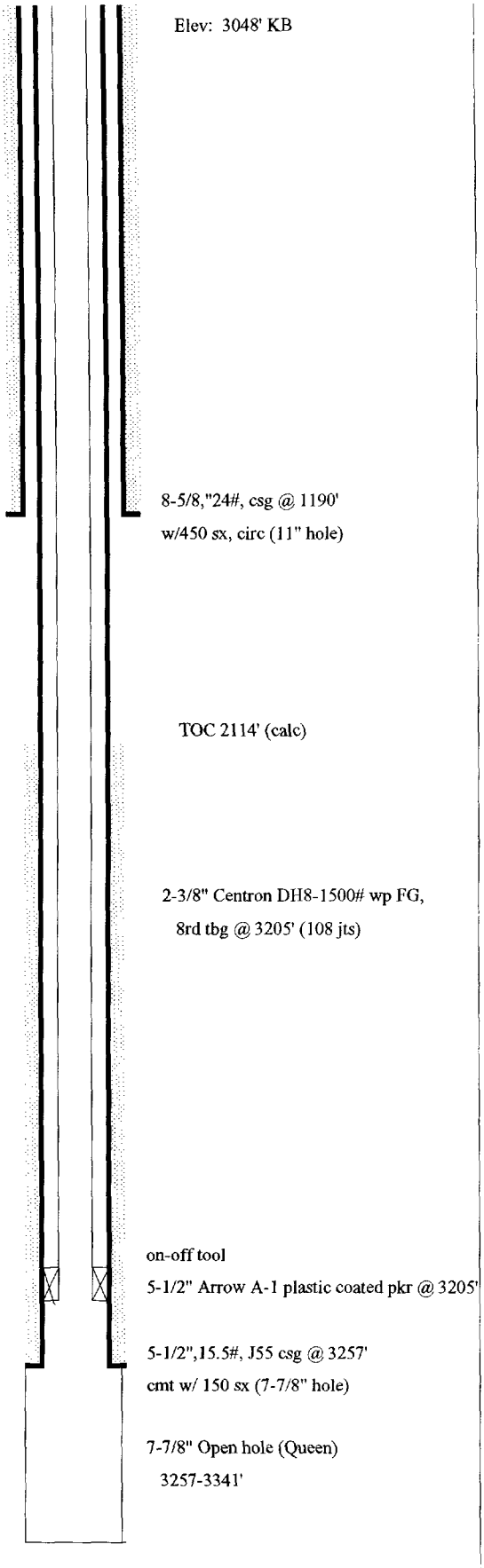
XI. No water wells were observed on a Topographics Surveys Map of the area.

XII. After examining available geologic and engineering data, there is no evidence of open faults or any hydrologic connection between the disposal zone and any underground source of drinking water.

XII. Proof of Notice

A. Certified letters sent to the surface owner and offset operators (Attachment E)

B. Copy of legal advertisement (Attachment F).



PLN 314270-0006-01 20 Dec 93

Ginsberg Fed #6- SWD
Langlie-Mattix
Lea County, New Mexico
E Sec 31-25S-38E
1980 FNL, 660 FWL

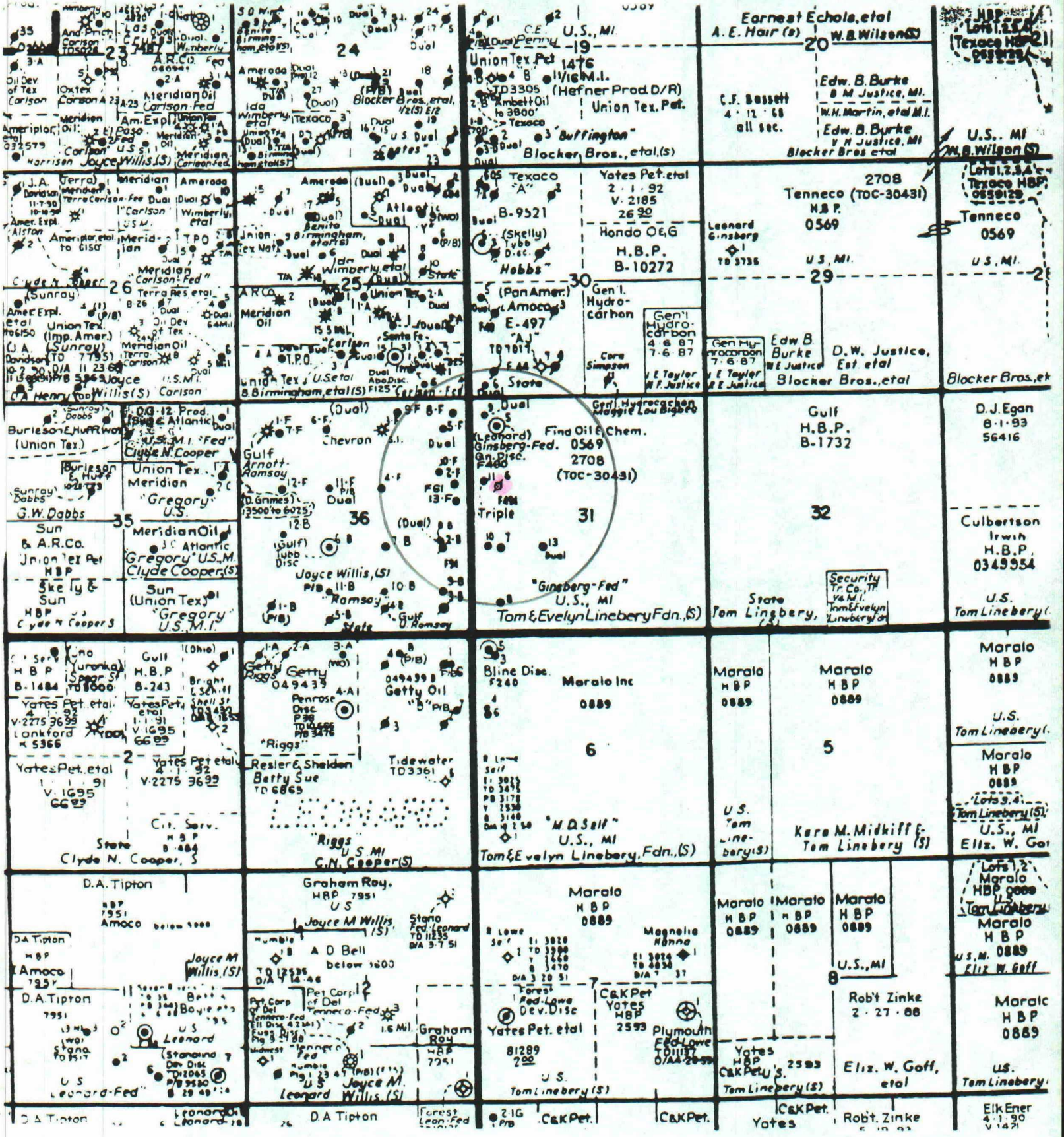
WI: 1.000000 RI: 0.845000

Spud: 2/12/56 by Leonard Oil Company; compl 2/29/56

12/8/93: Attempt MIT, would not test.
12/9/93: Unset pkr & POOH w/ tbg. Tbg found to hve multiple holes. Decide to replace entire string.
12/10/93: RIH w/ 4-3/4" bit, 5-1/2" csg scraper to 3207'; TOOH; RIH w/ RBP & pkr. Set Pkr @ 3160'. Load tbg w/ 11 bbls. Press test tbg & RBP to 500#, held OK. Load BS w/ 30 bbls. Press up to 500#, held OK
12/11/93: PU 5-1/2" Arrow A-1, plastic coated pkr w/ 1.81" stainless steel profile nipple; on-off tool. PU 2-7/8" workstring. TIH to 3205'. Set pkr. LD WS. Install on-off tool on Centron DH8-1500, fiberglass, 8rd tbg.
12/13/93: Space out using 108 jts Centron FG tbg w/ (2) 2-3/8"x8' PC subs; (1) 2-3/8" x 6' PC sub, (1) 2-3/8"x4' PC sub. Pump 70 bbls pkr fluid containing 20 G Unichem 606. Latched down packer. Press up BS to 500#, held OK.
12/14/93: Press up csg annulus to 560#. Held for 30 min w/ no leakoff. (NMOCD notified, but chose not to witness). Carried pressure chart to NMOCD Hobbs office.

files reviewed: 12/14/93

Attachment A.



Attachment B : Ginsberg Fed #6
E Sec 31-25S-38E
1980 FNL, 660 FWL
Lea County, NM

ATTACHMENT C

Ginsberg Fed #6
Form C-108

Tabulation of Data on Wells within Area of Review:

Well Name	Operator	Type	Spud	Completed	Total Depth	Producing Zone	Perforations	Completion information
Justis Unit H South #26 25P-25S-37E 990 FSL & 660 FEL (formerly: Carlson B 25-#2)	Arco Oil & Gas	Oil-Act	8/30/59	10/22/59	7715'	Blinebry Tubb	5004-5203 5722-5824	13-3/8" @ 430'; w/ 435 sx 9-5/8" @ 3306 w/ 600 sx 7" @ 5930' w/ 500 sx
Carlson B 25-#1 25P-25S-37E 660 FSL, 660 FEL	Permian Resources, Inc.	Oil-Act	5/6/55	5/21/55	3320'	Queen	3210-3320 (OH)	8-5/8" @ 2172 w/ 500 sx 5-1/2" @ 3210' w/ 200 sx
Carlson B 25-#4 25P-25S-37E 990 FSL, 990 FEL	Arco Oil & Gas	Oil-PA	2/25/60	4/7/60	6927'	Tubb-Drinkard	5719-5968	11-3/4" @ 848'; w/ 900 sx 7" @ 6771' w/ 800 sx 5-1/2" liner 6675-6927' w/ 30 s
Justis Unit H South #260 25P-25S-37E 330 FSL, 990 FEL (formerly: Carlson B 25-#6)	Arco Oil & Gas	Oil-Act	10/19/67	11/16/67	6950'	Blinebry Fusselman	4993-5271 6815-6869	9-5/8" @ 841 w/ 750 sx 7" @ 6947' w/ 1190 sx
South Justis Unit H #30 36P-25S-37E 990 FSL, 990 FEL (formerly: Vinson Ramsey 9B)	Arco Oil & Gas (formerly: Chevron)	Oil-Act	4/27/62	7/12/62	5900'	Blinebry Tubb-Drinkard	5250-5396 5795-5822	9-5/8" @ 935 w/ 260 sx 7" @ 5900' w/ 650 sx 2-3/8" tbg @ 5390'
Arnott Ramsey 2F 36H-25S-37E 1980 FNL, 330 FEL	Arco Oil & Gas	Oil-Act	1/3/56	1/14/56	3340'	Penrose	3240-3336	8-5/8" @ 261 w/ 250 sx 5-1/2" @ 3327' w/ 1722 sx

ATTACHMENT C

Ginsberg Fed #6
Form C-108

Tabulation of Data on Wells within Area of Review:

Well Name	Operator	Type	Spud	Completed	Total Depth	Producing Zone	Perforations	Completion information
South Justis Unit H #27 36A-25S-37E 660 FNL, 560 FEL (formerly: Arnott Ramsey 5F)	Arco Oil & Gas (formerly: Chevron)	Oil-Act	12/12/59	1/25/60	6365'	Tubb Blinebry	5730-5911 5015-5466	9-5/8" @ 836 w/ 415 sx 7" @ 6355' w/ 754 sx 2-3/8" tbg @ 5430'
Arnott Ramsey 8F 36A-25S-37E 330 FNL, 330 FEL	Arco Oil & Gas	Oil-Act	1/28/61	3/3/61	6889'	Fusselman	6763-6853	9-5/8" @ 855 w/ 420 sx 5-1/2" @ 6889' w/ 1087 sx
Vinson Ramsey NCT B #3 36P-25S-37E 660 FSL, 660 FEL	Chevron	Oil-PA	3/25/56	4/5/56	3350'	Queen	3284-3318	8-5/8" @ 262 w/ 250 sx 5-1/2" @ 3337' w/ 1285 sx
South Justis Unit I #260 30M-25S-38E 330 FSL, 330 FWL (formerly: State AJ #6)	Arco Oil & Gas (formerly: MW Petroleum)	INJ	9/17/60	10/13/60	7020'	Blinebry	5079-5330	13-3/8" @ 320'; w/ 250 sx 9-5/8" @ 3200 w/ 250 sx 7" @ 7020' w/ 600 sx 2-3/8" IPC @ 5000'
State AJ Battery 2-#1 30M-25S-38E 660 FSL, 660 FWL	Amoco Production	Oil-PA	7/13/55	8/10/55	3396'	Queen	3302-16 3344-3396 (OH)	9-5/8" @ 852 (circ; amt unkno 7" @ 3344' w/ 150 sx
South Justis Unit G #27 36B-25S-37E 330 FNL, 1650 FEL (formerly: Arnott Ramsey F#9)	Arco Oil & Gas (formerly: Chevron)	Oil-Act	4/29/61	6/5/61	6950'	Drinkard Blinebry	5698-5898 5003-5433	9-5/8" @ 878' w/ 320 sx 7" @ 6950' w/ 885 sx

ATTACHMENT C

Ginsberg Fed #6
Form C-108

Tabulation of Data on Wells within Area of Review:

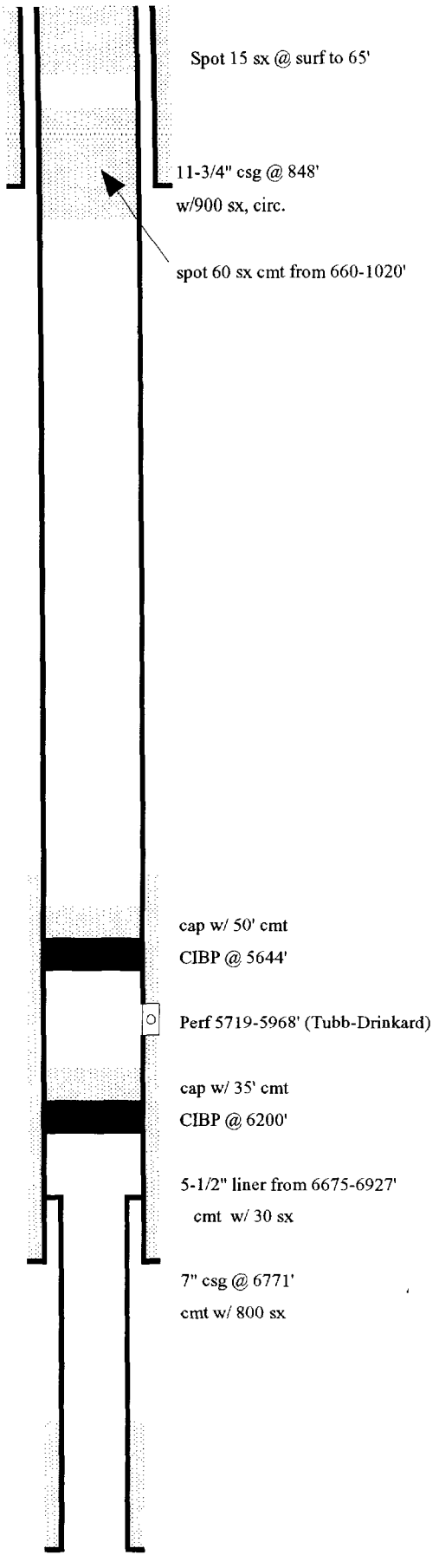
Well Name	Operator	Type	Spud	Completed	Total Depth	Producing Zone	Perforations	Completion information
South Justis Unit G #28 36G-25S-37E (formerly: Arnott Ramsey F#9)	Arco Oil & Gas (formerly: Chevron)	Oil-Act	12/27/58	1/26/59	5916'	Blinebry	4988-5499	13-3/8" @ 317'; w/ 350 sx 9-5/8" @ 2400 w/ 1000 sx 7" @ 5599' w/ 1520 sx 2-3/8" tbg @ 5398'
South Justis Unit H #28 36H-25S-37E (formerly: Arnott Ramsey F#10)	Arco Oil & Gas (formerly: Chevron)	Oil-Act	6/6/61	7/4/61	6950'	Blinebry	5001-5261 5309-5446	9-5/8" @ 852 w/ 420 sx 7" @ 6950' w/ 620 sx 2-3/8" tbg @ 5404'
Arnott Ramsey NCT F#13 36H-25S-37E 2310 FNL, 330 FEL	Chevron	Oil-PA	6/24/75	9/29/75	6996'	Fusselman	5676-5888	9-5/8" @ 850 w/ 400 sx 7" @ 7000' w/ 910 sx
South Justis Unit H #29 36I-25S-37E 2100 FSL, 660 FEL (formerly: Vinson Ramsey NCT B	Arco Oil & Gas (formerly: Chevron)	Oil-Act	7/13/60	8/7/60	6290'	Blinebry	5013-5102	9-5/8" @ 875 w/ 425 sx 7" @ 6290' w/ 827 sx 2-3/8" tbg @ 5117'
Vinson Ramsey NCT B #2 36I-25S-37E 1980 FSL, 660 FEL	Chevron	Oil-PA	2/21/56	3/4/56	3330'	Queen	3271-3318	8-5/8" @ 255 w/ 250 sx 5-1/2" @ 3316' w/ 1430 sx
South Justis Unit G #29 36J-25S-37E 1980 FSL, 1980 FEL (formerly: Vinson Ramsey NCT B	Arco Oil & Gas (formerly: Chevron)	Oil-Act	5/9/60	6/16/60	6280'	Blinebry	5017-5468	9-5/8" @ 856 w/ 425 sx 7" @ 6280' w/ 700 sx 2-3/8" tbg @ ?'

ATTACHMENT C

Ginsberg Fed #6
Form C-108

Tabulation of Data on Wells within Area of Review:

Well Name	Operator	Type	Spud	Completed	Total Depth	Producing Zone	Perforations	Completion information
South Justis Unit I #28 31E-25S-38E 1815 FNL, 330 FWL (formerly: Ginsberg Fed #28) (formerly: Ginsberg Fed #11)	Arco Oil & Gas (formerly: Fina)	Oil-Act	8/14/61	9/11/61	6977'	Blinebry Tubb	5042-5448 5709-5843	9-5/8" @ 915 w/ 450 sx 7" @ 5650' w/ 650 sx 4-1/2" liner 5527-6977 w/ 150 s 2-3/8" tbg @ 5844
Ginsberg Fed #5 31D-25S-38E 660 FNL, 660 FWL	Fina Oil and Chemical Co.	Oil-Act	8/24/55	9/18/55	3367'	Queen	3258-3367 (OH)	8-5/8" @ 1197 w/ 500 sx 5-1/2" @ 3257' w/ 150 sx 2-3/8" tbg @ 3303
Ginsberg Fed #7 31L-25S-38E 1980 FSL, 660 FWL	Fina Oil and Chemical Co.	Oil-Act	5/21/56	6/19/56	3329'	Queen	3272-3298	9-5/8" @ 1043 w/ 500 sx 7" @ 3328' w/ 150 sx 2-3/8" tbg @ 3302
South Justis Unit I #30 31M-25S-38E 660 FSL, 660 FWL (formerly: Ginsberg Fed #8)	Arco Oil & Gas (formerly: Fina)	Oil-Act	6/13/56	7/3/56	5920'	Blinebry	5122-5410	10-3/4" @ 1223 w/ 500 sx 8-3/4" @ 3332' w/ 150 sx 4-1/2" liner 5800 w/ 429 sx
South Justis Unit I #27 31D-25S-38E 350 FNL, 330 FWL (formerly: Ginsberg Fed #9)	Arco Oil & Gas (formerly: Fina)	Oil-Act	4/13/60	5/28/60	6958'	Blinebry Tubb/Drinkard Fusselman	5072-5527 5730-5870 6934-6946	13-3/8" @ 232'; w/ 225 sx 9-5/8" @ 2280 w/ 1300 sx 7" @ 6034' w/ 325 sx 2-3/8" tbg @ 5568
South Justis Unit I #28 31E-25S-38E 1815 FNL, 330 FWL formerly: Ginsberg Fed #11)	Arco Oil & Gas (formerly: Fina)	Oil-Act	8/14/61	9/11/61	6977'	Tubb Blinebry	5709-5843 5042-5448	9-5/8" @ 915 w/ 450 sx 7" @ 5650' w/ 650 sx 4-1/2" liner 5527-6977 w/ 150 s 2-3/8" tbg @ 5844



Carlson B 25-#4

Dec 17, 1993

Arco Oil & Gas

Justis Blinebry Tubb Drinkard Field

Lea County, New Mexico

25P-25S-37E

990 FSL, 990 FEL

Spud: 2/25/60; Compl: 4/7/60

Perf data:

Formation	Interval
Tubb-Drinkard	5719-5968'

Plugging detail:

PA'ed 12/29/92

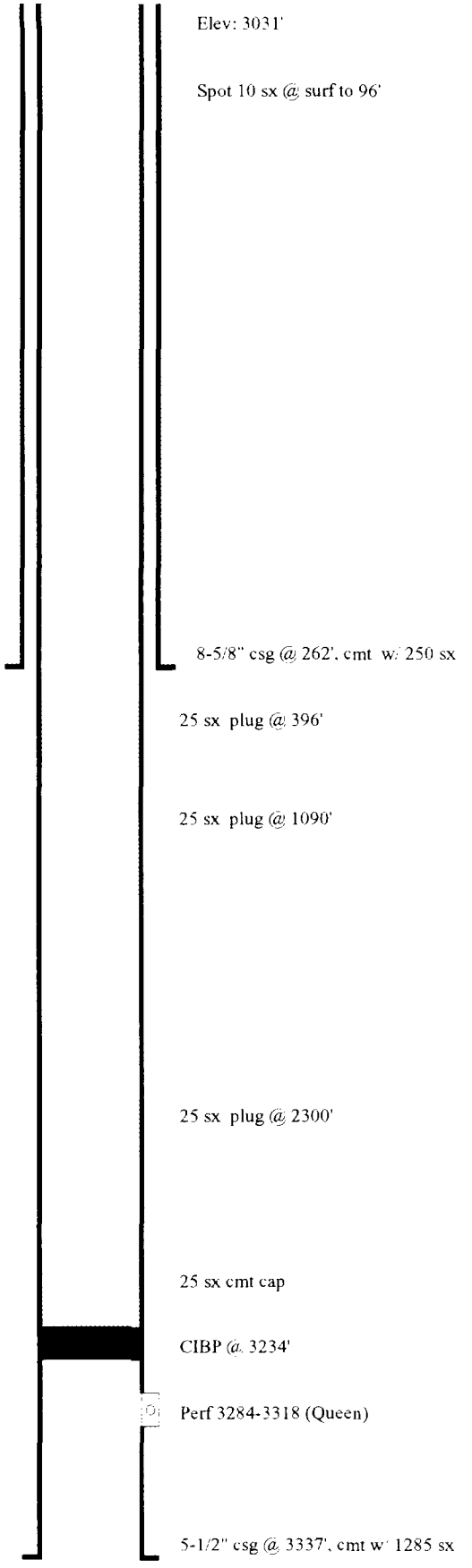
Set CIBP @ 6200', dump 35' cmt on top. WL set CIBP @ 5644', dump 50' on top. Circ hole w/ 10.4#, 38 vis mud. Press test csg to 500#. Spot 60 sx "C" neat cmt from 660 to 1020'. Spot 15 sx "C" neat cmt from surface to 65'. RD PU. Installed PA marker.

ATTACHMENT C

Ginsberg Fed #6
Form C-108

Tabulation of Data on Wells within Area of Review:

Well Name	Operator	Type	Spud	Completed	Total Depth	Producing Zone	Perforations	Completion information
Ginsberg Fed #13 31K-25S-38E 1980 FSL, 1650 FWL	Fina Oil and Chemical Co.	Oil-Act	11/5/65	12/21/65	5700'	Penrose	3291-3325	8-5/8" @ 982 w/ 650 sx 5-1/2" @ 5690' w/ 542 sx 2-1/16" tbg @ ? RBP @ 3456'
South Justis Unit I #29 31L-25S-38E 1980 FSL, 330 FWL (formerly: Ginsberg Fed #10)	Arco Oil & Gas (formerly: Fina)	Oil-Act	9/10/60	10/5/60	7095'	Blinebry	5238-5493	13-3/8" @ 232'; w/ 225 sx 9-5/8" @ 2280 w/ 1300 sx 7" @ 6034' w/ 325 sx 2-3/8" tbg @ 5568



Vinson Ramsey NCT B #3 Dec 17, 1993
Chevron
Langlie-Mattix field
Lea County, New Mexico
36P-25S-37E
660 FSL, 660 FEL

Spud: 3/25/56; Compl: 4/5/56

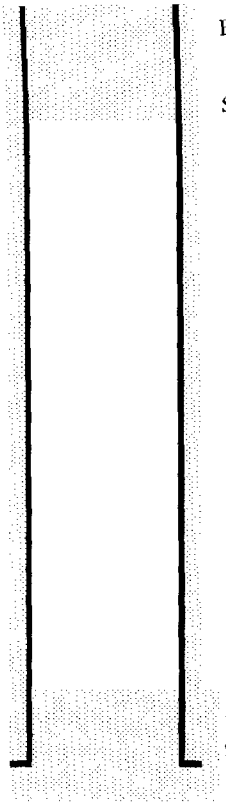
Perf data:

Formation	Interval
Queen	3284-3318'

Plugging detail:

PA'ed 12/5/84

Set CIBP @ 3234'. Test csg to 500#, OK. Displace w/ mud. Cap CIBP w/ 25 sx cmt. Spot 25 sx plugs @ 2300', 1090', and 396'. Spot 10 sx plug from 96' to surface. Set PA marker.



State AJ Battery 2-#1

Dec 17, 1993

Amoco Production Co.
Langlie-Mattix field
Lea County, New Mexico
30M-25S-38E
660 FSL, 660 FWL

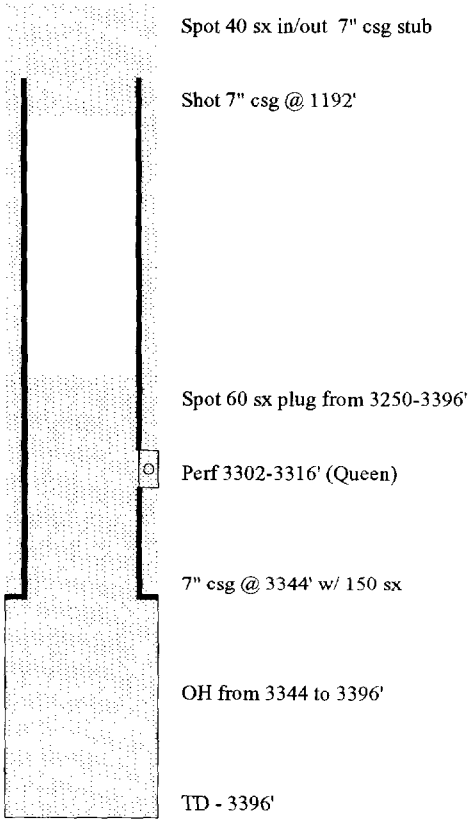
Spud: 7/13/55; Compl: 8/10/55

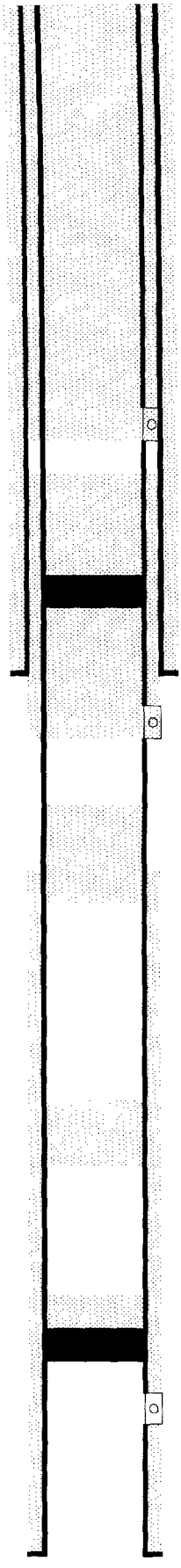
Perf data:

Formation	Interval
Queen	3302-3316
	3344-3396 (OH)

Plugging detail:

Spot 60 sx cmt plug from 3396-3250' (perfs @ 3316-3302'); load hole w/ mud; Shot 7" csg @ 1990' and 1192'; pull 7" csg from 1192'; Spot 40 sx cmt plug in and out of 7" csg stub @ 1192'. spot 40 sx plug from 910-800' (9-5/8" csg shoe @ 852'); Spot 10 sx plug @ surf. Set PA marker.





Arnott Ramsey NCT F #13 Dec 20, 1993
Chevron
Justis-Tubb-Drinkard field
Lea County, New Mexico
36H-25S-37E
2310 FNL, 330 FEL

Spud: 6/24/75; Compl: 9/29/75

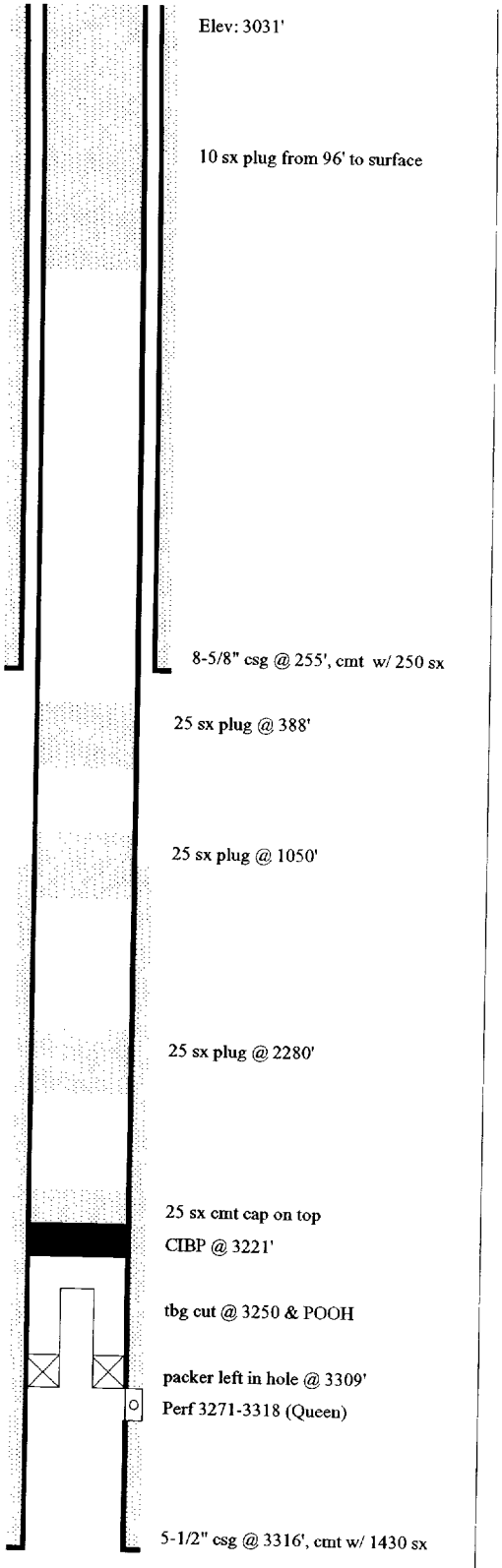
Perf data:

Formation	Interval
Fusselman	5676-5888'

Plugging detail:

PA'ed 3/25/90

Set CIBP @ 5625' and cap w/ 35' cmt. Test csg and leaked off. Isolate csg leak @ 4214-4686'. TIH to 5586', circ wellbore w/ mud. Spot balanced cmt plug from : 3498-3298' w/ 40 sx; 2195-1995' w/ 40 sx; TOOH. RU WL company. Perf 4 squeeze holes @ 900-901'. Set CICR @ 750'. Cement w/ 220 sx. Lost returns in 9-5/8"x7" annulus w/ 120 sx pumped. TOC @ 370' (temp svy). Perf 4 sqz holes @ 350'. Circ cmt to surface via 7"x9-5/8" w/ 150 sx. Left 7" full. Cut off wellhead. Install PA marker.



Vinson Ramsey NCT B #2
Chevron

Dec 20, 1993

Lea County, New Mexico
36I-25S-37E
1980 FSL, 660 FEL

Spud: 2/21/56; Compl: 3/4/56

Perf data:

Formation	Interval
Queen	3271-3318'

Plugging detail:

PA'ed 12/9/84

Packer left in hole @ 3309'. Cut off tbg @ 3250' and POOH (3253' of tbg out). Set CIBP @ 3221'. Displace hole w/ mud. Cap CIBP w/ 25 sx cmt. Spot 25 sx plug @ 2280, 1050, & 388'. Spot 10 sx plug @ 96' to surface. Set PA marker.

I

Unichem International

707 North Leech P.O.Box 1499

Hobbs, New Mexico 88240

Company : Fina Oil & Gas
Date : 12/1/1993
Location: Gingsburg - Well #6 (on 11/30/1993)

	Sample 1
Specific Gravity:	1.064
Total Dissolved Solids:	89973
pH:	6.50
IONIC STRENGTH:	1.896

CATIONS:		me/liter	mg/liter
Calcium	(Ca+2)	232	4640
Magnesium	(Mg+2)	288	3500
Sodium	(Na+1)	1050	24100
Dissolved Iron	(Fe+2)	0.004	0.100
ANIONS:			
Bicarbonate	(HCO3-1)	20.0	1220
Carbonate	(CO3-2)	0	0
Hydroxide	(OH-1)	0	0
Sulfate	(SO4-2)	136	6550
Chloride	(Cl-1)	1410	50000

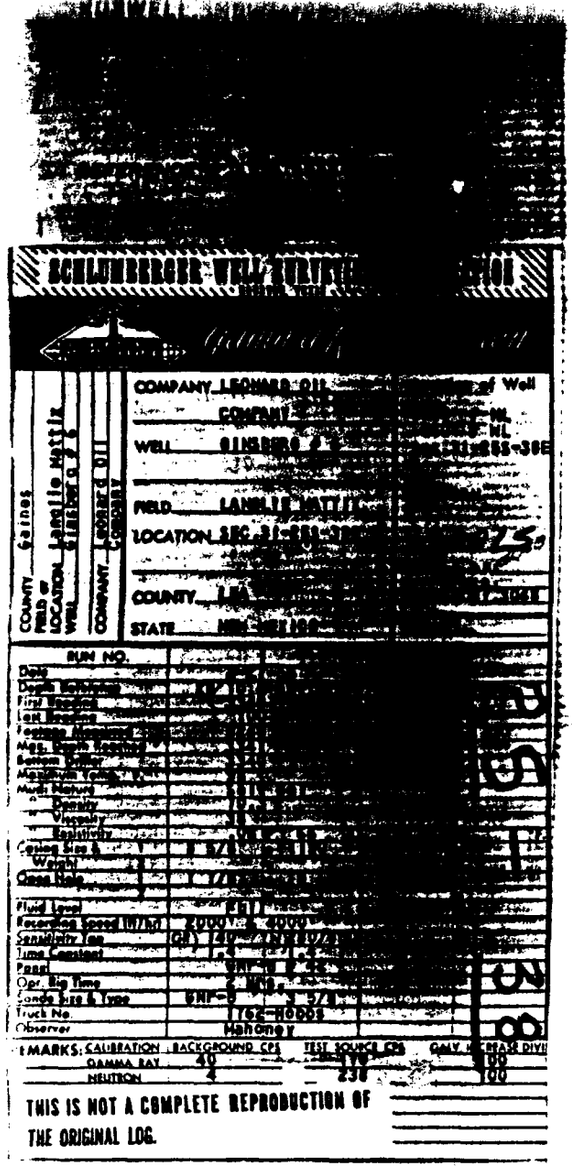
SCALING INDEX (positive value indicates scale)

Temperature		Calcium Carbonate	Calcium Sulfate
86[F	30[C	0.57	69
110[F	43[C	1.3	69
130[F	54[C	1.6	69
140[F	60[C	1.8	69
160[F	71[C	2.2	73

Comments:
Analysis performed by Bob Wallace - Hobbs Lab
cc: John Offutt
Joe Hay

I

Attachment D



ILLEGIBLE

COMPLETION RECORD

SPUD DATE

COMP DATE

TEST RECORD

CASING RECORD

PERFORATING RECORD

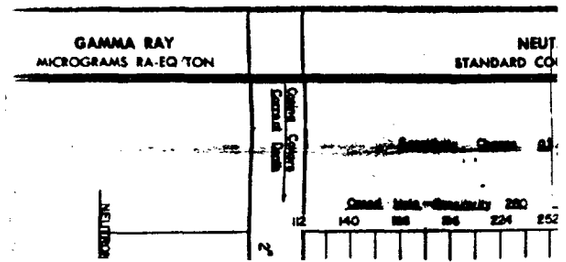
ACID FRAC SHOT

P

LOR GR

TP CP

REMARKS:



Gamma Ray
Caliper
Compressional Slowness
Shear Slowness
Density
Neutron Porosity
Resistivity
Spontaneous Potential
Gamma Ray
Caliper
Compressional Slowness
Shear Slowness
Density
Neutron Porosity
Resistivity
Spontaneous Potential
1:200
1:100
1:500
1:1000
1:2000
1:5000
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1:20000
1:50000
1:100000
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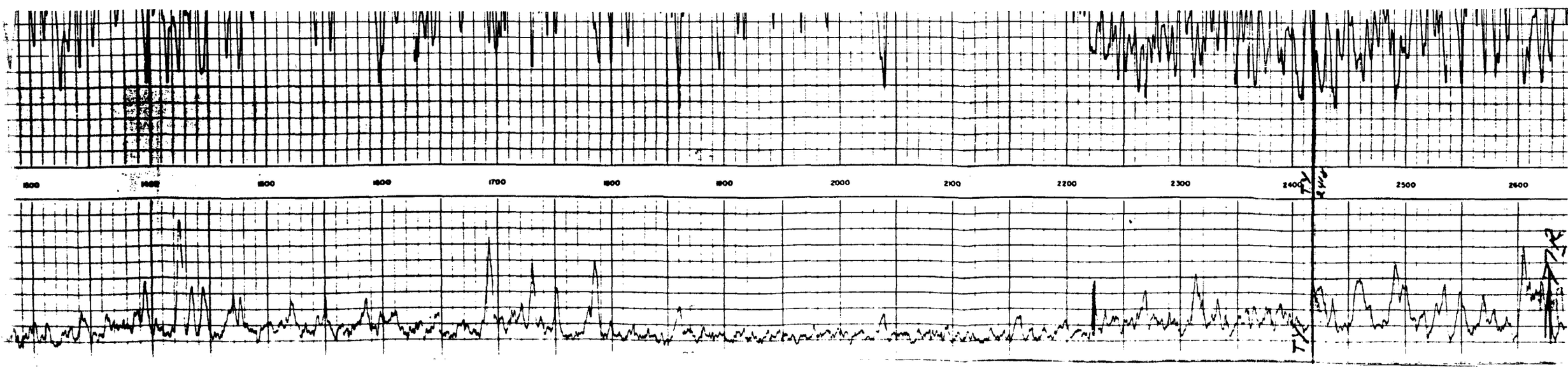
1:1000000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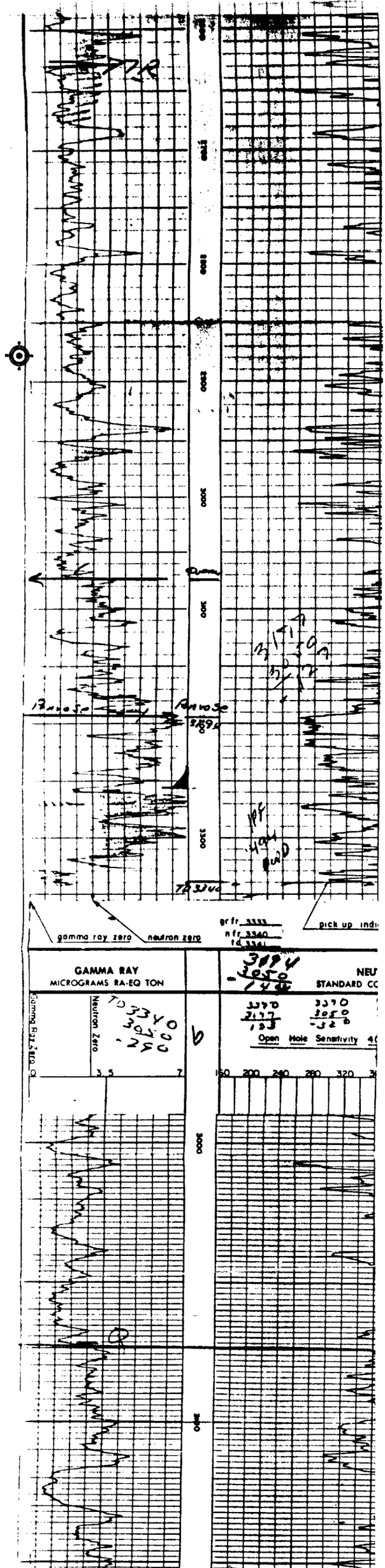
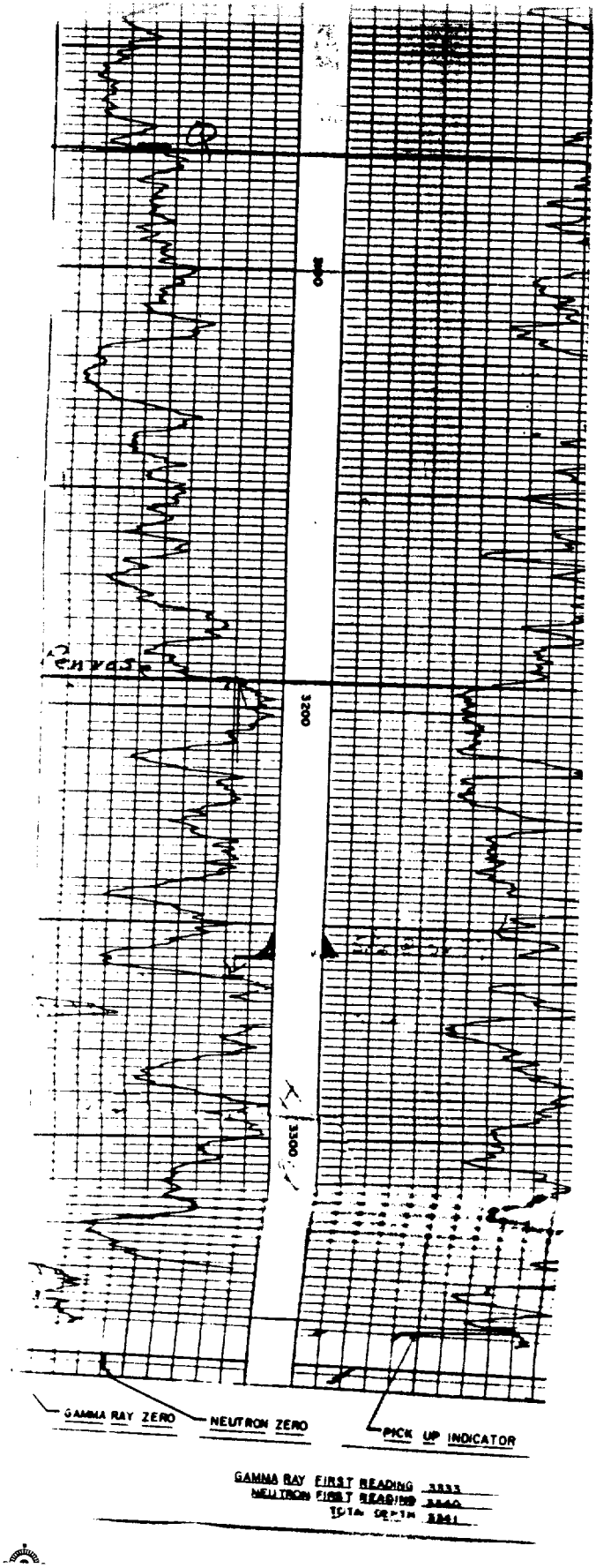
2200
2300
2400
2500
2600


gamma ray zero
neutron zero
pick up indi
GAMMA RAY
MICROGRAMS RA-EQ TON
Gamma Ray Zero
Neutron Zero
3 5 7
Open Hole Sensitivity
160 200 240 280 320
3000
3100
3200
3300
3400



GAMMA RAY FIRST READING 3833
NEUTRON FIRST READING 3840
TOTAL DEPTH 3841

Attachment E

December 20, 1993

CERTIFIED RETURN MAIL

Permian Resources, Inc.
300 W. Texas, No. 810
Midland, Tx 79702

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Sirs:

Our records show that you are an offset operator to the above referenced property.

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

December 20, 1993

CERTIFIED RETURN MAIL

Arco Oil and Gas
P.O. Box 1610
Midland, Tx 79702

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Sirs:

Our records show that you are an offset operator to the above referenced property.

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

December 20, 1993

CERTIFIED RETURN MAIL

Tom and Evelyn Linebery
P.O. Box 1536
Midland, Tx 79702

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Mr. and Mrs. Linebery:

Our records show that you are the surface landowner for the above referenced property.

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

December 20, 1993

CERTIFIED RETURN MAIL

State of New Mexico
Oil Conservation Division
P.O. Drawer 1980
Hobbs, NM 88240

Attn: Jerry Sexton

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Mr. Sexton:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

December 20, 1993

CERTIFIED RETURN MAIL

Bureau of Land Management
414 West Taylor
Hobbs, NM 88240

Attn: Patricia A. Hutchings

Re: Ginsberg Fed #6
Sec 31E-25S-38E
Lea County, NM

Dear Ms. Hutchings:

Enclosed please find a copy of form C-108 (Application for Authority to Inject) in Fina's Ginsberg #6 well located in Unit E of Sec 31-25S-38E, Lea County, New Mexico.

Note that this well has been injecting for some time under order # R3549. The well has really been used for a disposal well and not an injection well. The NMOCD has requested that a new application be filed to change the status from injection to disposal.

Should you have any questions, or need further information, please feel free to call either the undersigned, or the area engineer, Jim Redfearn.

Sincerely,

Neva Herndon
Petrotechnical Associate

Fina Oil and Chemical Company
6 Desta Drive, Suite 4400 • Midland, TX 79705
P.O. Box 2990 • Midland, TX 79702 • (915) 688-0600

Attachment F

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Bearden

General Manager

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period.

of

three weeks.

Beginning with the issue dated

December 23, 1993

and ending with the issue dated

December 26, 1993

Kathi Bearden
General Manager

Sworn and subscribed to before

me this 27 day of

December, 1993

Charlene Perrin
Notary Public.

My Commission expires
March 15, 1997
(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

LEGAL NOTICE
December 23, 24, 26, 1993
NOTICE OF APPLICATION FOR FLUID DISPOSAL WELL PERMIT

Name: Fina Oil and Chemical Company
Box 2990
Midland, Tx. 79702-2990
915-688-0600
Contact party: Jim Redfearn, Area Engineer
Purpose: Disposal of produced salt water
Ginsberg Federal #6, 1980' from North line & 660' from the west line, Sec 31, T-25-s, R-38-E, NMPM.
Formation: Penrose 3258-3340', expected maximum dosposal rate-500 bwpd, maximum pressure - 1000 psi.
Interested parties must file objections or request for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

1-3-94

OIL CONSERVATION DIVISION
RECEIVED
'94 JAN 7 AM 7 38

BRUCE KING
GOVERNOR

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

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

RE: Proposed:
MC
DHC
NSL
NSP
SWD X
WFX
PMX

SWD 550

Gentlemen:

I have examined the application for the:

Fina Oil & Chemical Co. Ginsberg Federal #6-E 31-25-38
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed