



20 North Broadway, Suite 1500 Telephone:405/235-3611
Oklahoma City, Oklahoma 73102-8260

CERTIFIED MAIL # Z 397 639 839

August 27, 1997

Re: Application for Authorization to Inject
West Red Lake Unit #'s 7, 15, 19, 44, 57 & 60
Sec. 5, 6, 7 & 8-17S-27E
Eddy County, NM

State of New Mexico
Oil Conservation Division
Attn: Ben Stone
2040 S. Pacheco St.
Santa Fe, NM 87505

Enclosed are the original and 1 copy of our Application for Authorization to Inject (Form C-108) for the above referenced wells in Eddy County. I also sent a copy of this application to the Artesia district office and the Bureau of Land Management office in Carlsbad. Please direct any inquiries concerning this application to our area district engineer, Ernie Buttross at (405) 552-4509.

Sincerely yours,

Devon Energy Corporation (Nevada)

A handwritten signature in black ink that reads "Karen Byers".

Karen Byers
Engineering Technician

/kb
Enclosures

cc: OCD - Artesia District Office
BLM - Carlsbad Office

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: John F. ... Well: ... Red Lake - ...

Contact: ... Title: ... Phone: 905-552-4515

DATE IN 4-22-77 RELEASE DATE 4-17-77 DATE OUT 11-17-77

Proposed Injection Application is for: WATERFLOOD Expansion Initial

Original Order: R- ... Secondary Recovery Pressure Maintenance

SENSITIVE AREAS SALT WATER DISPOSAL Commercial Well

WIPP Capitan Reef

Data is complete for proposed well(s)? Yes Additional Data Req'd _____

AREA of REVIEW WELLS

- Total # of AOR # of Plugged Wells
- Tabulation Complete Schematics of P & A's
- Cement Tops Adequate AOR Repair Required

INJECTION FORMATION

Injection Formation(s) ... Compatible Analysis ...

Source of Water or Injectate ...

PROOF of NOTICE

- Copy of Legal Notice Information Printed Correctly
- Correct Operators Copies of Certified Mail Receipts
- Objection Received Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? Yes

COMMUNICATION WITH CONTACT PERSON:

1st Contact:	<input checked="" type="checkbox"/> Telephoned	<input type="checkbox"/> Letter	_____ Date	Nature of Discussion <u>...</u>
2nd Contact:	<input type="checkbox"/> Telephoned	<input type="checkbox"/> Letter	_____ Date	Nature of Discussion _____
3rd Contact:	<input type="checkbox"/> Telephoned	<input type="checkbox"/> Letter	_____ Date	Nature of Discussion _____

WFX

10/12/97

devon

ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone 405/235-3611
FAX 405/552-4550

August 27, 1997

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 88505

28

Attention: Ben Stone

**RE: West Red Lake Unit # 7, 15, 19, 44, 57 & 60
Section 5, 6, 7 & 8-T18S-R27E
Eddy County, New Mexico**

Gentlemen:

Enclosed please find our Application for Authorization to Inject for each of the above captioned wells.

Devon Energy Corporation also requests that the maximum injection pressures for these wells be higher than .2 psi per foot of depth to the uppermost injection perforation. This request is based on the data in Table I which shows the frac gradients obtained from stimulation treatments to be higher. Figure I is a map showing the location of the proposed injectors.

In our previous application dated 5/2/97 for other injection wells in the West Red Lake Unit, we requested higher maximum injection pressures using the same type of data. Your administrative Order No. WFX-719 subsequently granted higher maximum injection pressures.

If you have any questions, please give me a call at 405-552-4509.

Sincerely,



Ernie Buttross
District Engineer

enclosures

TABLE I
INJECTION WELLHEAD PRESSURE GRADIENTS
WEST RED LAKE UNIT

PROPOSED INJECTOR	TREATMENT ISIP	TOP PERF	FRAC GRADIENT PSI/FT	WELLHEAD PRESSURE GRADIENT PSI/FT
West Red Lake Unit #7	1100	1690	1.08	0.61
West Red Lake Unit #15	1300	1628	1.23	0.76
West Red Lake Unit #19	1200	1668	1.15	0.68
West Red Lake Unit #44	1034	1599	1.08	0.61
West Red Lake Unit #57	1369	1529	1.33	0.86
West Red Lake Unit #60	1300	1247	1.48	1.01

R 26 E

R 27 E

T 18 S

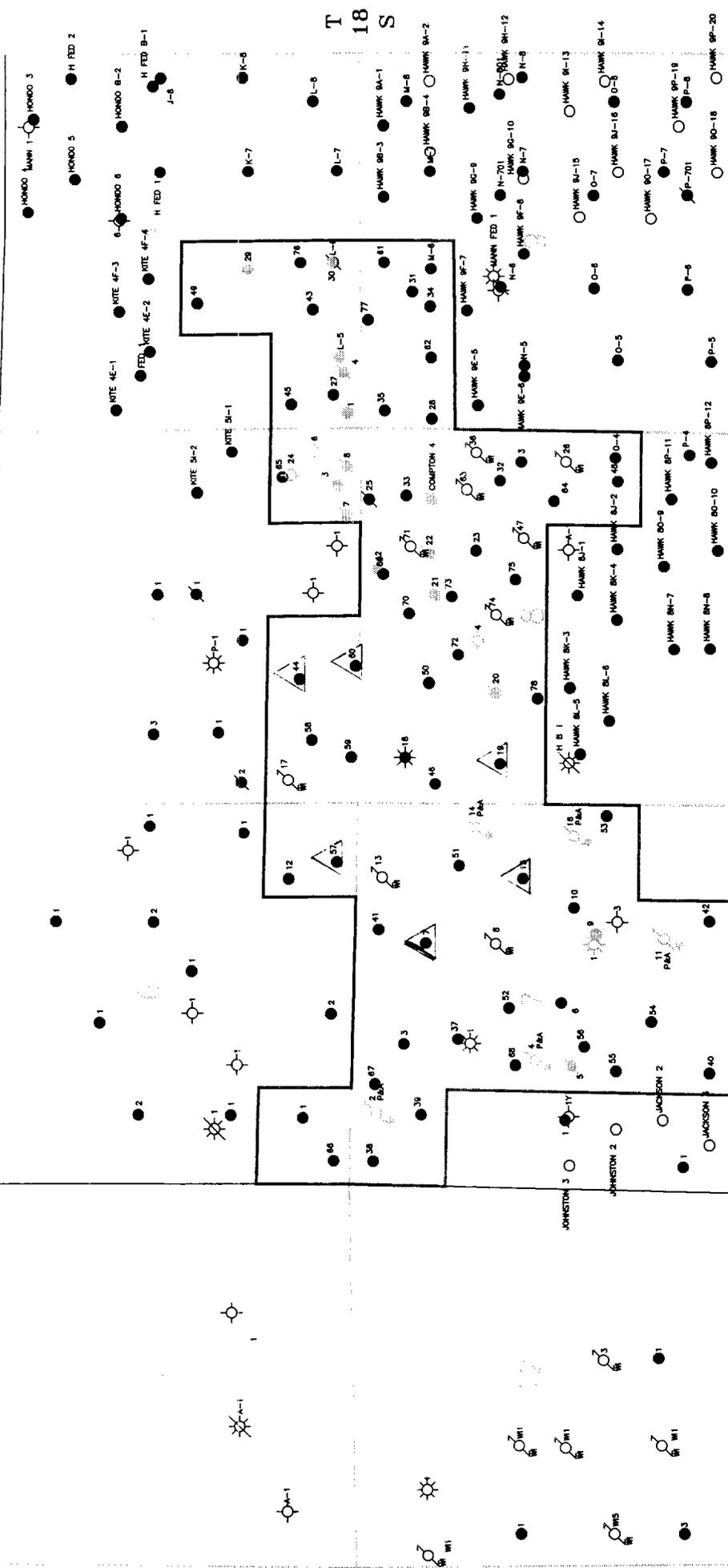
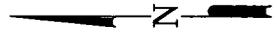


FIGURE 1

WEST RED LAKE AREA
EDDY COUNTY, NEW MEXICO



INM01550E



NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION - Check Those Which Apply for [A]**

[A] Location - Spacing Unit - Directional Drilling

- NSL NSP DD SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

- DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

- WFX PMX SWD IPI EOR PPR

[2] **NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply**

[A] Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding**

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

E. L. Buttross
Print or Type Name

E. L. Buttross Jr.
Signature

District Engineer
Title

8/12/97
Date

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance Disposal Storage
Application qualifies for administrative approval? Yes No
- II. OPERATOR: Devon Energy Corporation (Nevada)
ADDRESS: 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102-8260
CONTACT PARTY: E. L. Buttross PHONE: (405) 552-4509
- III. WELL DATA: Complete the data required on the reverse side of this form for each well processed 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 R-3469
- 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 sources 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: E. L. Buttross TITLE: District Engineer
SIGNATURE: E. L. Buttross Jr. DATE: 8/12/97
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstance of the earlier submittal. _____

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, PO Box 2088, Santa Fe, NM 87504-2088 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.

DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

1. West Red Lake Unit #7
990' FNL & 1980' FEL
Sec. 7-18S-27E
Eddy County, NM
2. Surface casing: 7" @ 928' w/292 sx cement. TOC @ 262' (temp survey).
Production casing: 4 1/2" @ 1824' w/75 sx cement.
TOC @ 870' (cemoton).
3. Tubing: 2 3/8" fiberglass or internally coated, set @ +/- 1664'.
4. Packer: 4 1/2" x 2 3/8" plastic coated AD-1 tension packer to be set @ +/- 1665'.

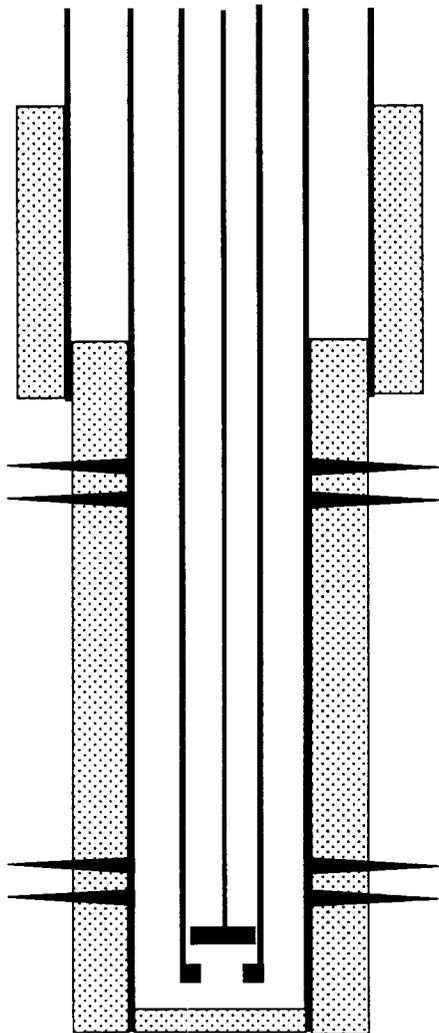
B.

1. Injection formation: San Andres in the Red Lake (Q-GB-SA) field. ¹⁵²⁷
2. Proposed injection interval: 1714' - 1784'. ¹⁵⁴¹
₁₆₂₃
3. Original purpose of well: Oil producer from the San Andres sands.
4. Other perms: 1103' - 1115' (to be squeezed).
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

WRL 7 CURRENT

**DEVON ENERGY CORPORATION
CURRENT WELLBORE SCHEMATIC**

WELL NAME: West Red Lake Unit #7			FIELD: Red Lake			
LOCATION: 990' FNL & 1980' FEL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3385' DF			SPUD DATE: 7/30/58		COMP DATE: 10/1/58	
API #: 30-015-00805		PREPARED BY: Karen Byers			DATE: 8/4/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-928	7"	20#			8 1/4"
CASING:	0-1824'	4 1/2"	9.5#			6 1/4"
CASING:						
TUBING:	0-1808'	2 3/8"				
TUBING:						



7" csg @ 928' w/292 sx cmt. TOC @ 262' (temp svy).

Perfs 1103'-1115'.

Perfs 1714'-1784'.

2 3/8" tubing, seating nipple @ 1808'.

4 1/2" csg @ 1824' w/75 sx cmt. TOC @ 870' (cemoton).

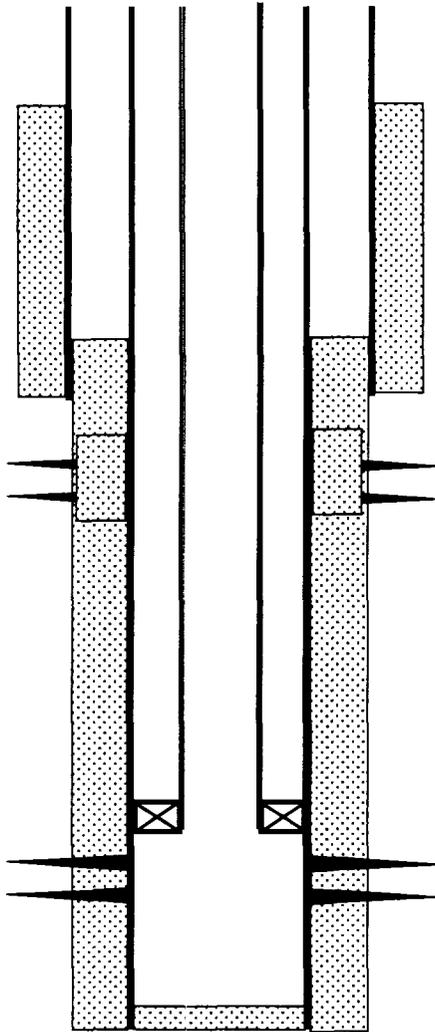
PBTD @ 1821'

TD @ 1825'

WRL 7 PROPOSED

**DEVON ENERGY CORPORATION
PROPOSED WELLBORE SCHEMATIC**

WELL NAME: West Red Lake Unit #7			FIELD: Red Lake			
LOCATION: 990' FNL & 1980' FEL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3385' DF			SPUD DATE: 7/30/58	COMP DATE: 10/1/58		
API #: 30-015-00805	PREPARED BY: Karen Byers			DATE: 8/4/97		
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-928	7"	20#			8 1/4"
CASING:	0-1824'	4 1/2"	9.5#			6 1/4"
CASING:						
TUBING:	0- +/-1665'	2 3/8" IPC				
TUBING:						



7" csg @ 928' w/292 sx cmt. TOC @ 262' (temp svy).

Perfs 1103'-1115' (squeezed)

Packer @ +/-1665'

Injection interval

1714'-1784'.

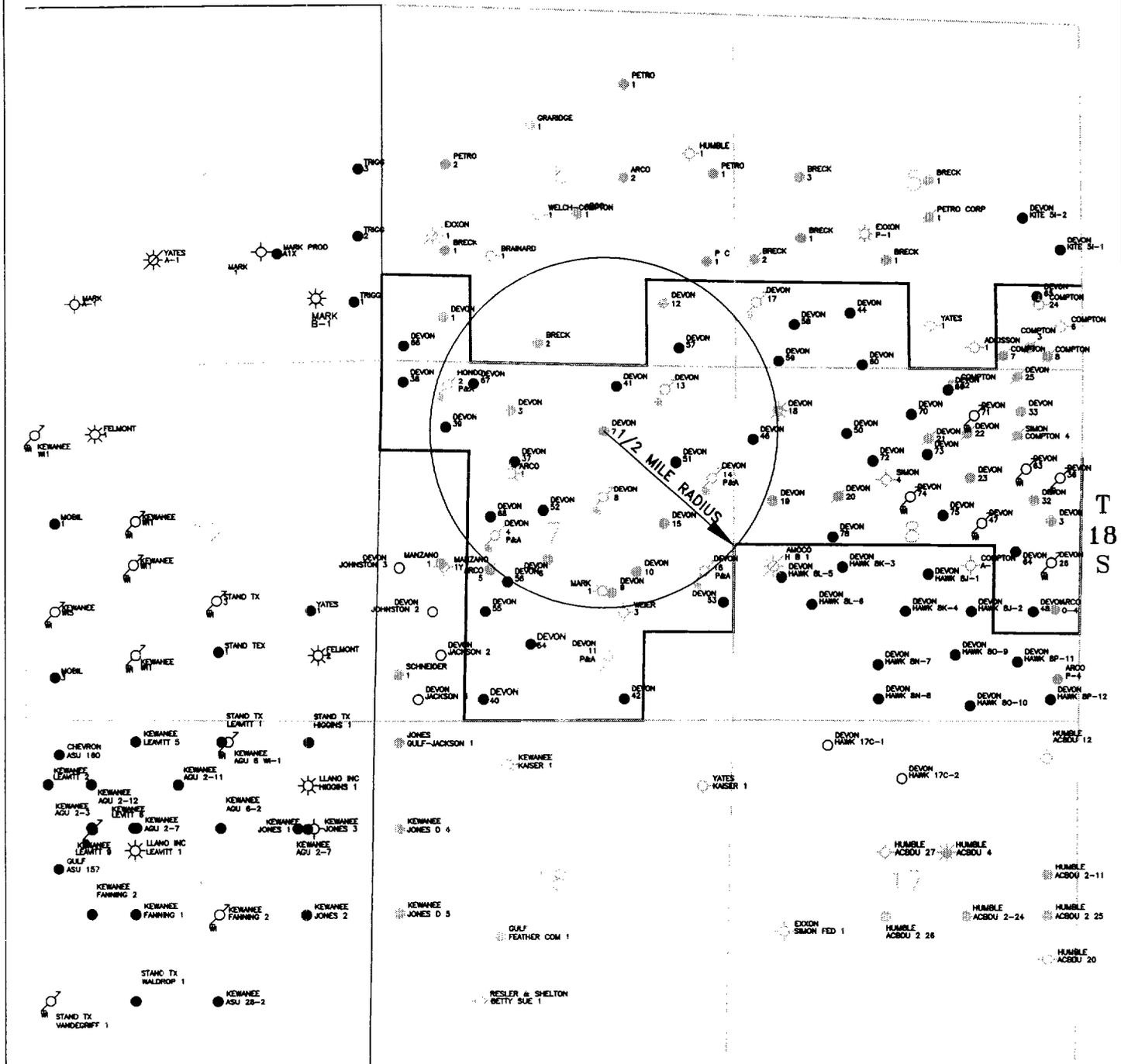
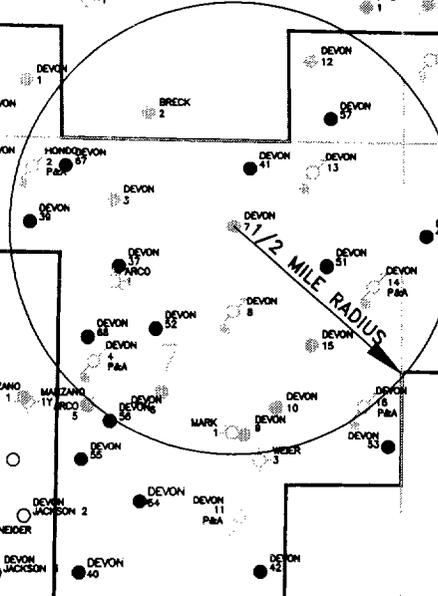
4 1/2" csg @ 1824' w/75 sx cmt. TOC @ 870' (cemoton).

PBTD 1821'

TD @ 1825'

R 27 E

T 18 S



devon
ENERGY SERVICES

ATTACHMENT V

WEST RED LAKE AREA
EDDY COUNTY, NEW MEXICO

WEST RED LAKE UNIT #7
WELLS WITHIN 1/2 MILE RADIUS

PROPOSED INJECTOR

Scale in Feet
1000 0 1000 2000 3000 4000

EB 7/97

WRLU7	

DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

1. West Red Lake Unit #15
2310' FNL & 990' FEL
Sec. 7-18S-27E
Eddy County, NM
2. Surface casing: 8 5/8" @ 28'.
Production casing: 4 1/2" @ 1770' w/530 sx cement.
TOC @ surface
3. Tubing: 2 3/8" fiberglass or internally coated, set @
1574'.
4. Packer: 4 1/2" x 2 3/8" plastic coated AD-1 tension
packer to be set @ +/- 1575'.

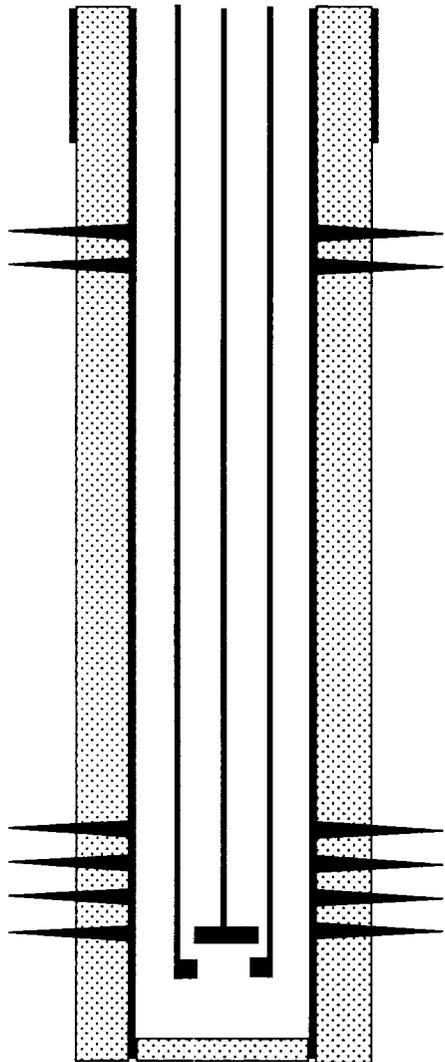
B.

1. Injection formation: San Andres in the Red Lake
(Q-GB-SA) field.
2. Proposed injection interval: 1628' - 1720'.
3. Original purpose of well: Oil producer from the
San Andres sands.
4. Other perms: 1044' - 1064' (to be squeezed).
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

WRL 15 CURRENT

**DEVON ENERGY CORPORATION
CURRENT WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #15			FIELD: Red Lake			
LOCATION: 2310' FNL & 990' FEL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3320' GL			SPUD DATE: 10/17/62		COMP DATE: 12/15/62	
API #: 30-015-10174		PREPARED BY: Karen Byers			DATE: 8/4/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-28'	8 5/8"			8rd	
CASING:	0-1770'	4 1/2"	9.5#	J-55		
CASING:						
TUBING:						
TUBING:						



8 5/8" csg @ 28'.

Perforations

1044'-1064'

Perforations:

1628'-1634'

1654'-1673'

1702'-1706'

1712'-1720'

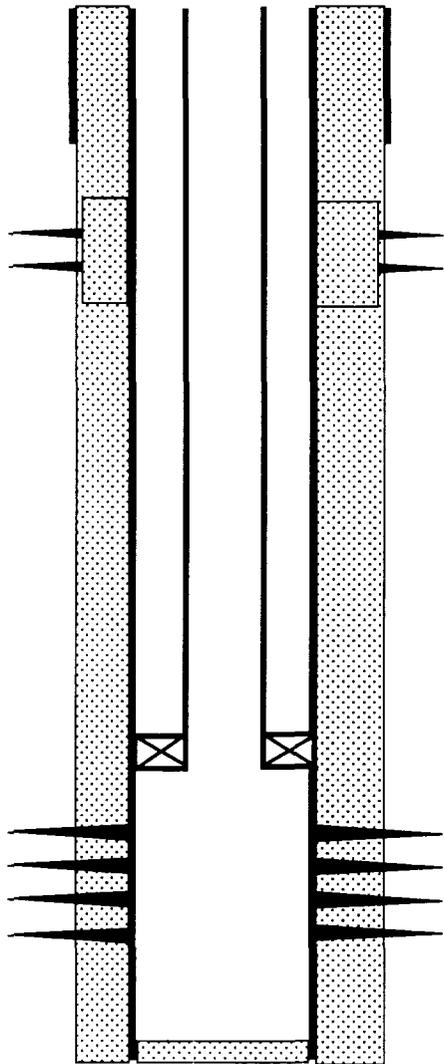
4 1/2" csg @ 1770' w/530 sx cmt. TOC @ surface.

TD @ 1777' (Driller) 1741' (Welex)

WRL 15 PROPOSED

**DEVON ENERGY CORPORATION
PROPOSED WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #15			FIELD: Red Lake			
LOCATION: 2310' FNL & 990' FEL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3320' GL			SPUD DATE: 10/17/62		COMP DATE: 12/15/62	
API #: 30-015-10174		PREPARED BY: Karen Byers			DATE: 8/4/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-28'	8 5/8"			8rd	
CASING:	0-1770'	4 1/2"	9.5#	J-55		
CASING:						
TUBING:	0- +/-1575'	2 3/8" IPC				
TUBING:						



8 5/8" csg @ 28'.

Perforations

1044'-1064' (squeezed)

Packer @ +/- 1575'

Injection interval

1628'-1634'

1654'-1673'

1702'-1706'

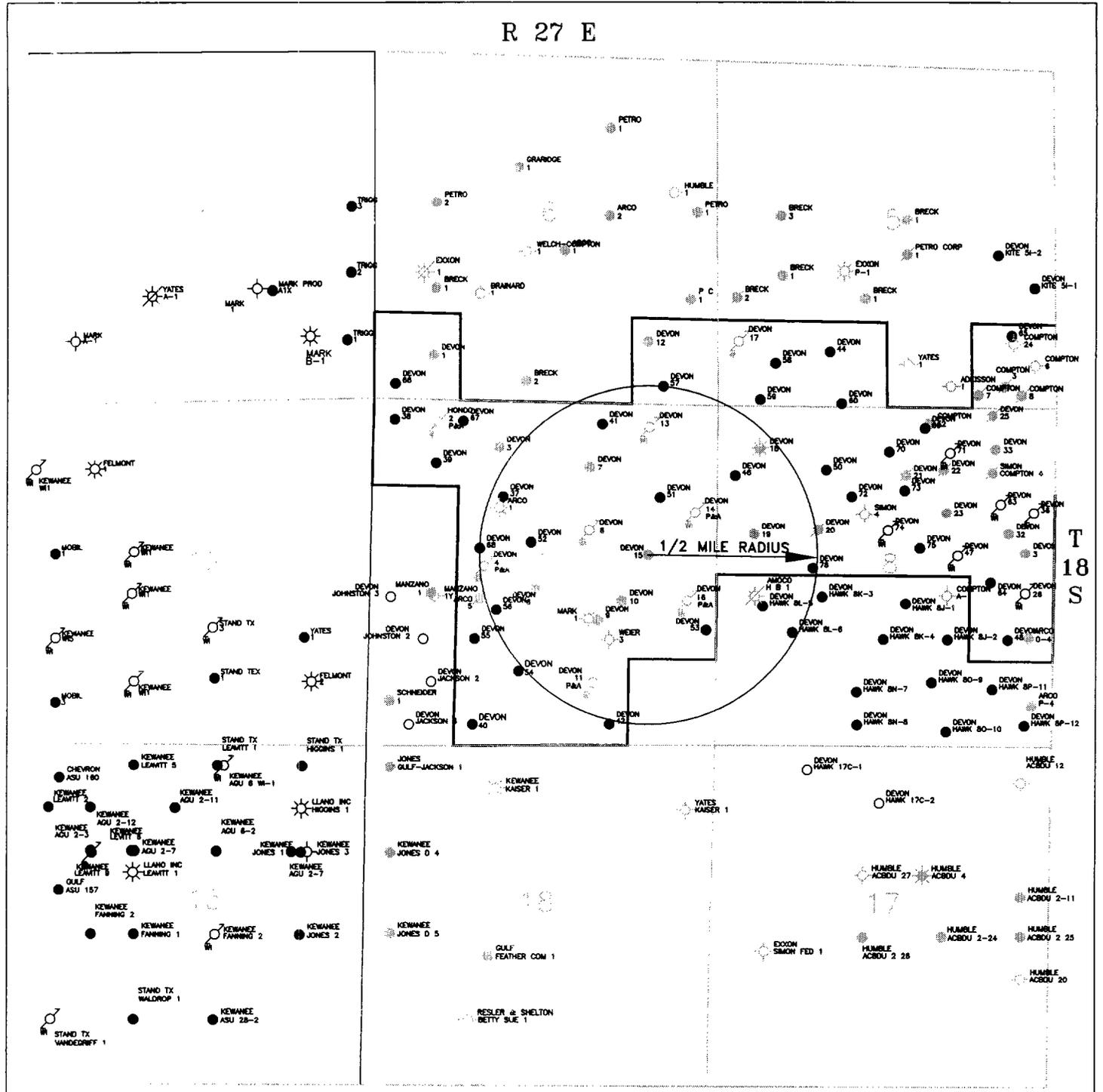
1712'-1720'

4 1/2" csg @ 1770' w/530 sx cmt. TOC @ surface.

TD @ 1777' (Driller) 1741' (Welex)

R 27 E

T 18 S

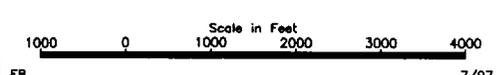


WRLU15	

devon ATTACHMENT V

WEST RED LAKE AREA
EDDY COUNTY, NEW MEXICO

WEST RED LAKE UNIT #15
WELLS WITHIN 1/2 MILE RADIUS
PROPOSED INJECTOR



DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

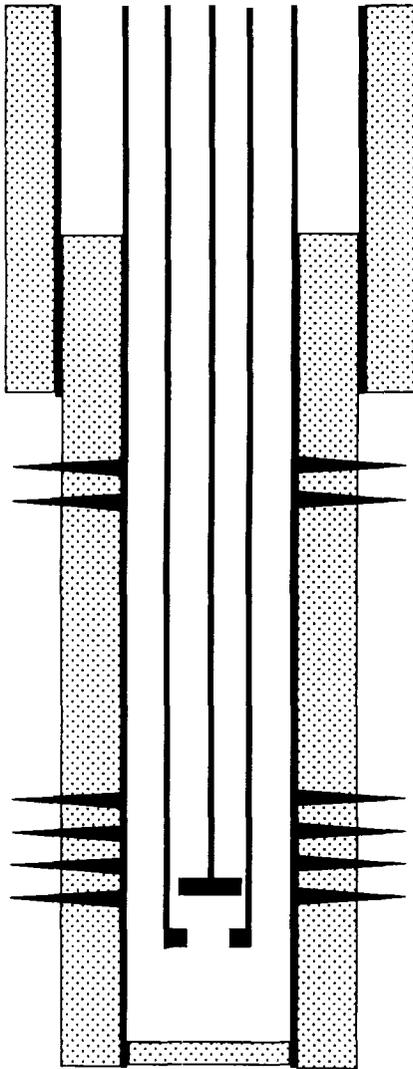
1. West Red Lake Unit #19
1980' FNL & 660' FWL
Sec. 8-18S-27E
Eddy County, NM
2. Surface casing: 8 5/8", 24# @ 918' w/325 sx cement, TOC @
surface.
Production casing: 5 1/2", 14# @ 1767' w/225 sx cement.
TOC @ 618 (temp svy).
3. Tubing: 2 3/8" fiberglass or internally coated, set @
1564'.
4. Packer: 5 1/2" x 2 3/8" plastic coated AD-1 tension
packer to be set @ +/- 1564'.

B.

1. Injection formation: San Andres in the Red Lake
(Q-GB-SA) field.
2. Proposed injection interval: 1615' - 1746'.
3. Original purpose of well: Oil producer from the
San Andres sands.
4. Other perms: 1079' - 1089' (to be squeezed).
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

DEVON ENERGY CORPORATION CURRENT WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #19			FIELD: Red Lake			
LOCATION: 1980' FNL & 660' FWL, Sec. 8-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3343' GL, 3353' DF			SPUD DATE: 7/7/57		COMP DATE: 7/16/57	
API #: 30-015-00826		PREPARED BY: Karen Byers			DATE: 8/4/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-918'	8 5/8"	24#	J-55	8 rd	11"
CASING:	0-1767'	5 1/2"	14#	J-55	8 rd	7 7/8"
CASING:						
TUBING:	0-1717'	2 3/8"			8rd EUE	
TUBING:						



8 5/8" csg @ 918' w/385 sx. TOC @ surface.

Perforations:

1079'-1089' (may have been squeezed, no record of these perfs on 1984 drilling reports)

Perforations:

1615'-1619', 1637'-1643', 1645'-1651',
1668'-1679', 1692'-1697', 1714'-1718',
1720'-1723', 1734'-1739', 1742'-1746'

2 3/8" tbg, SN @ 1717'

5 1/2" csg @ 1767' w/225 sx. TOC @ 618' (temp svy).

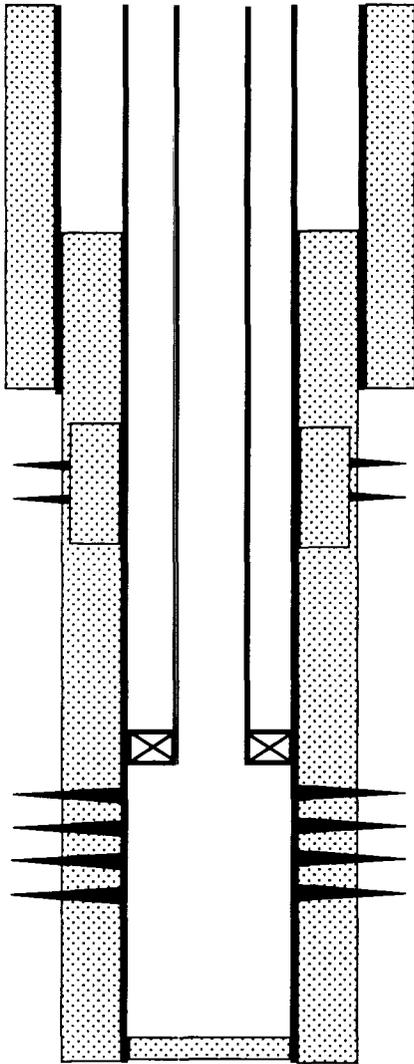
PBTD @ 1755'

TD @ 1767'

WRL 19 PROPOSED

**DEVON ENERGY CORPORATION
PROPOSED WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #19			FIELD: Red Lake			
LOCATION: 1980' FNL & 660' FWL, Sec. 8-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3343' GL, 3353' DF			SPUD DATE: 7/7/57		COMP DATE: 7/16/57	
API #: 30-015-00826		PREPARED BY: Karen Byers			DATE: 8/4/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-918'	8 5/8"	24#	J-55	8 rd	11"
CASING:	0-1767'	5 1/2"	14#	J-55	8 rd	7 7/8"
CASING:						
TUBING:	0- +/-1565'	2 3/8" IPC				
TUBING:						



8 5/8" csg @ 918' w/385 sx. TOC @ surface.

Perforations:
1079'-1089' (squeezed)

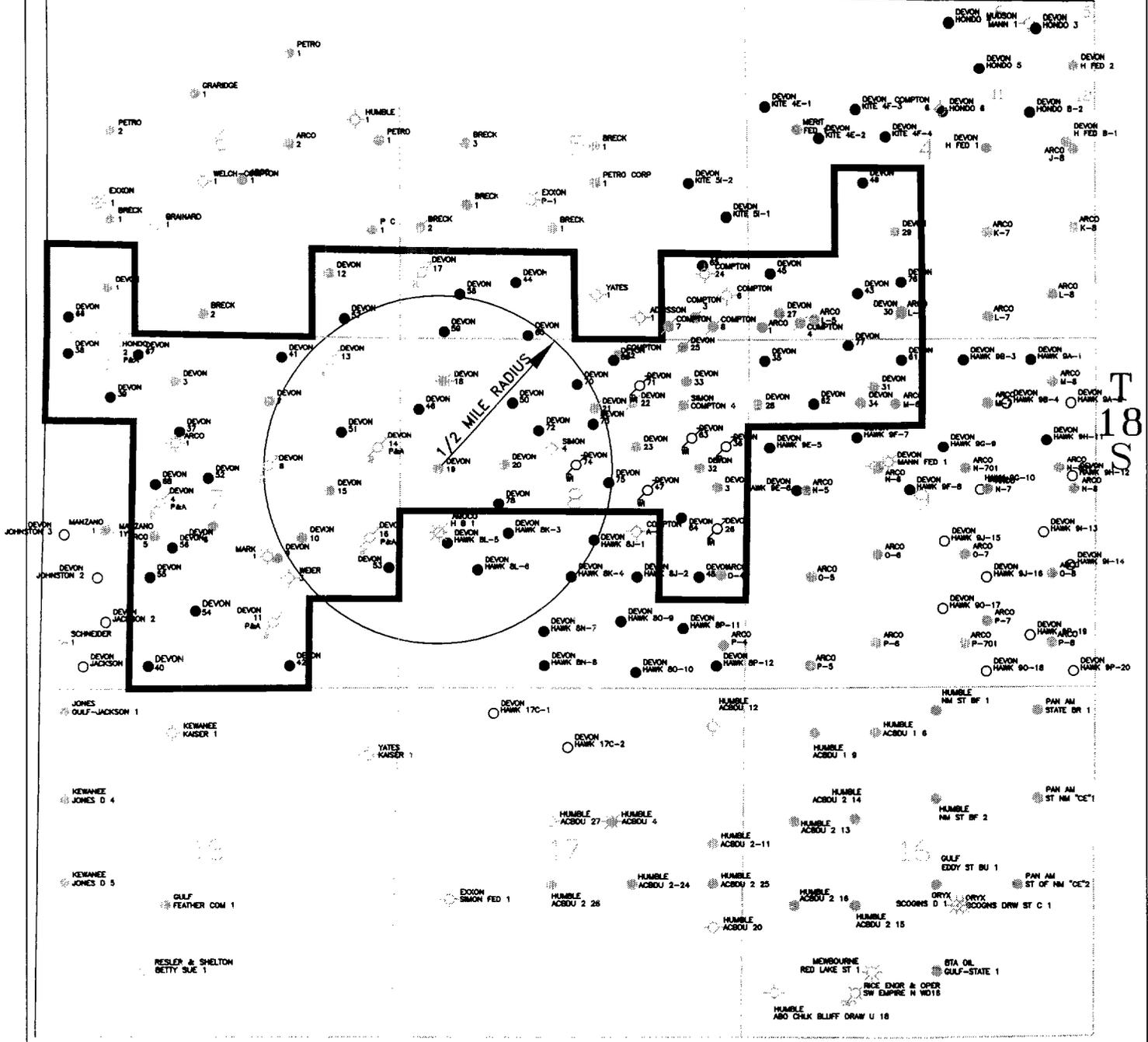
Packer @ +/-1565'

Injection Interval
1615'-1619', 1637'-1643', 1645'-1651',
1668'-1679', 1692'-1697', 1714'-1718',
1720'-1723', 1734'-1739', 1742'-1746'

5 1/2" csg @ 1767' w/225 sx. TOC @ 618' (temp svy).

PBTD @ 1755'
TD @ 1767'

R 27 E



T 18 S



WRLU-19			

devon ATTACHMENT V
WEST RED LAKE AREA
 EDDY COUNTY, NEW MEXICO

WEST RED LAKE UNIT #19
 WELLS WITHIN 1/2 MILE RADIUS
PROPOSED INJECTOR



DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

1. West Red Lake Unit #44
840' FSL & 1750' FWL
Sec. 5-18S-27E
Eddy County, NM
2. Surface casing: 8 5/8", 24# @ 1099' w/550 sx cement, TOC @ surface.
Production casing: 5 1/2", 15.5# @ 2249' w/400 sx cement.
TOC @ surface.
3. Tubing: 2 3/8" fiberglass or internally coated, set @ 1549'.
4. Packer: 5 1/2" x 2 3/8" plastic coated AD-1 tension packer to be set @ +/- 1550'.

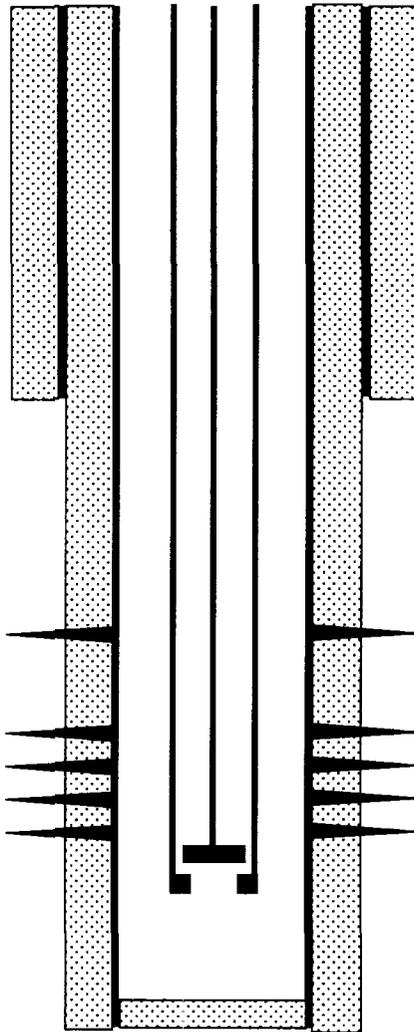
B.

1. Injection formation: San Andres in the Red Lake (Q-GB-SA) field.
2. Proposed injection interval: 1599' - 2025'.
3. Original purpose of well: Oil producer from the San Andres sands.
4. Other perfs: none
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

WRL 44 CURRENT

**DEVON ENERGY CORPORATION
CURRENT WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #44			FIELD: Red Lake			
LOCATION: 840' FSL & 1750' FWL, Sec. 5-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3468' GL			SPUD DATE: 10/7/95		COMP DATE: 10/27/95	
API #: 30-015-28444		PREPARED BY: Karen Byers			DATE: 8/5/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1099'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2249'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0-2109'	2 7/8"	6.5#	J-55	8rd	
TUBING:						



8 5/8" csg @ 1099' w/550 sx. TOC @ surface.

Perforations:

- 1599'-1680'
- 1810'-1819'
- 1836'-1904'
- 1935'-1974'
- 1984'-2025'

SN @ 2109'

5 1/2" csg @ 2249' w/400 sx. TOC @ surface.

PBTD @ 2203'

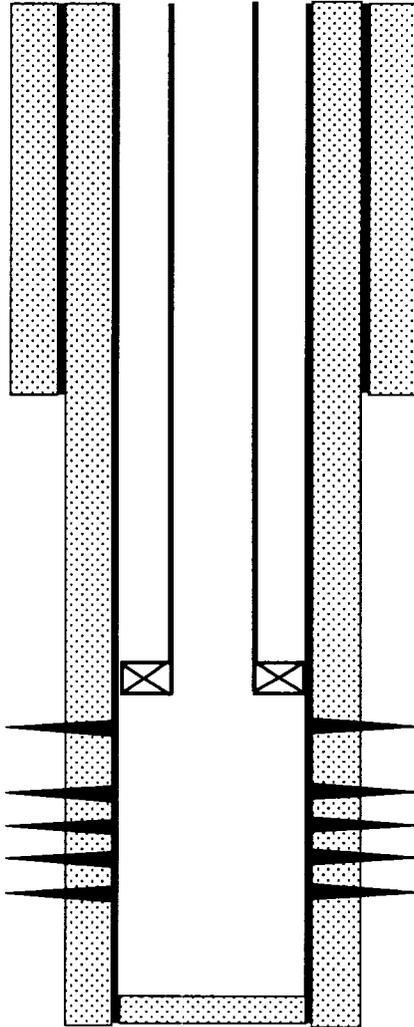
TD @ 2250'

WRL 44 PROPOSED

**DEVON ENERGY CORPORATION
PROPOSED WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #44		FIELD: Red Lake	
LOCATION: 840' FSL & 1750' FWL, Sec. 5-18S-27E		COUNTY: Eddy	STATE: NM
ELEVATION: 3468' GL		SPUD DATE: 10/7/95	COMP DATE: 10/27/95
API #: 30-015-28444	PREPARED BY: Karen Byers		DATE: 8/5/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1099'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2249'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0- +/-1550'	2 3/8" IPC				
TUBING:						



8 5/8" csg @ 1099' w/550 sx. TOC @ surface.

Packer @ +/- 1550'

Injection Interval

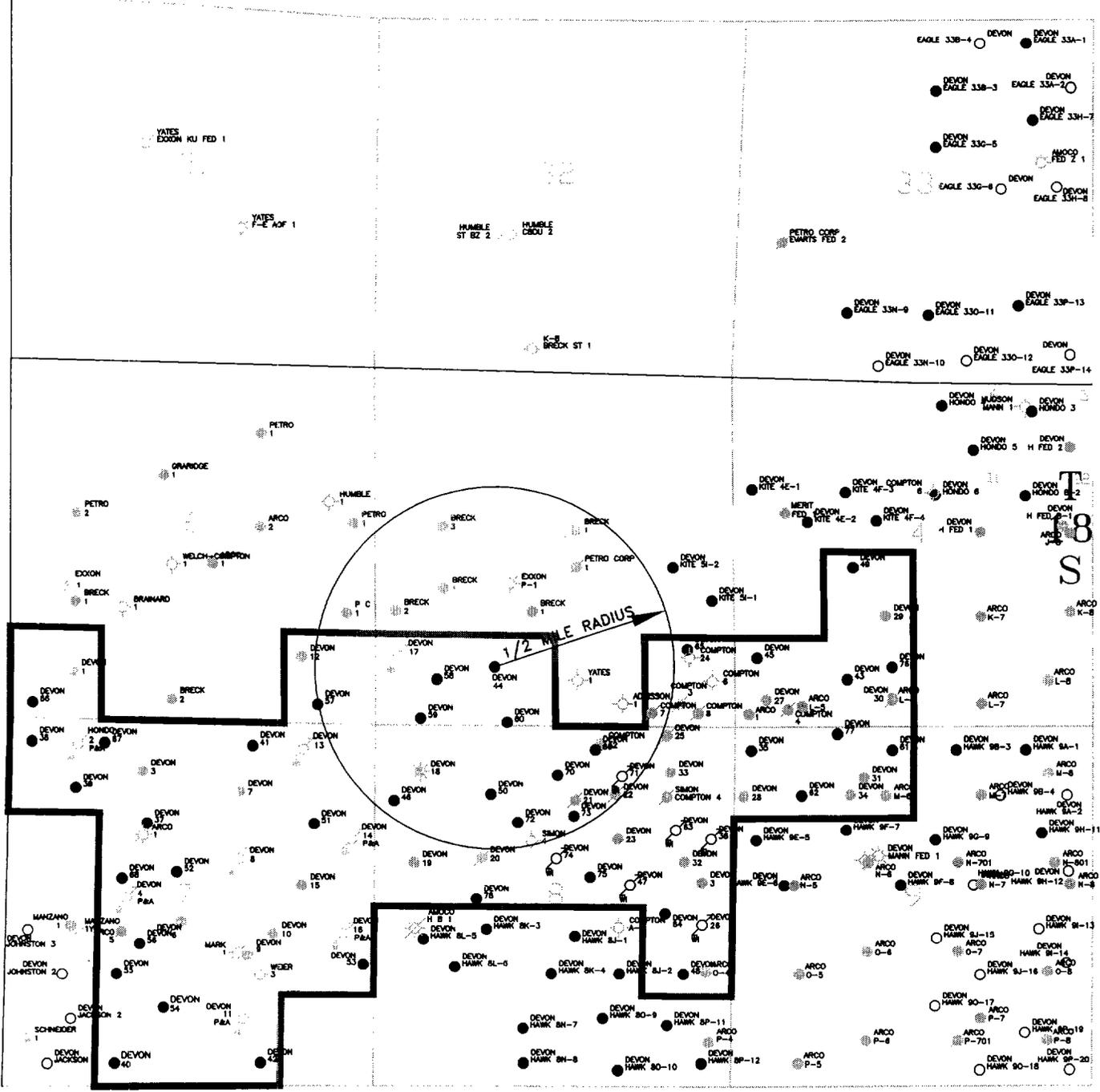
- 1599'-1680'
- 1810'-1819'
- 1836'-1904'
- 1935'-1974'
- 1984'-2025'

5 1/2" csg @ 2249' w/400 sx. TOC @ surface.

PBTD @ 2203'

TD @ 2250'

R 27 E



T 28 S

WRLU-44A

devon ATTACHMENT V

WEST RED LAKE AREA
EDDY COUNTY, NEW MEXICO

WEST RED LAKE UNIT #44
WELLS WITHIN 1/2 MILE RADIUS

PROPOSED INJECTOR

Scale in Feet
1000 0 1000 2000 3000 4000

EB 7/97

DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

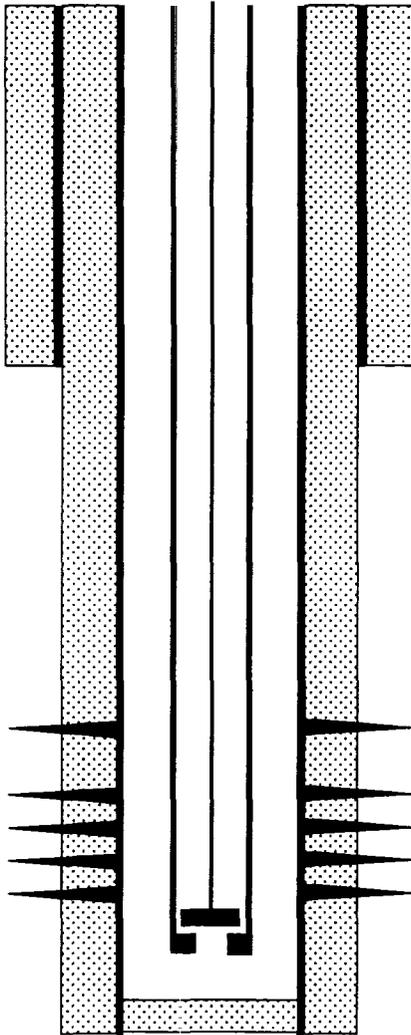
1. West Red Lake Unit #57
280' FSL & 850' FEL
Sec. 6-18S-27E
Eddy County, NM
2. Surface casing: 8 5/8", 24# @ 999' w/500 sx cement, TOC @
surface.
Production casing: 5 1/2", 15.5# @ 2149' w/425 sx cement.
TOC @ surface.
3. Tubing: 2 3/8" fiberglass or internally coated, set @
1474'.
4. Packer: 5 1/2" x 2 3/8" plastic coated AD-1 tension
packer to be set @ +/- 1475'.

B.

1. Injection formation: San Andres in the Red Lake
(Q-GB-SA) field.
2. Proposed injection interval: 1529' - 1962'.
3. Original purpose of well: Oil producer from the
San Andres sands.
4. Other perms: none.
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

DEVON ENERGY CORPORATION CURRENT WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #57			FIELD: Red Lake			
LOCATION: 280' FSL & 850' FEL, Sec. 6-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3422' GL			SPUD DATE: 10/13/95		COMP DATE: 11/4/95	
API #: 30-015-28539		PREPARED BY: Karen Byers			DATE: 8/5/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-999'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2149'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0-1943'	2 7/8"	6.5#	J-55	8rd	
TUBING:						



8 5/8" csg @ 999' w/500 sx. TOC @ surface.

Perforations:

- 1529'-1645'
- 1710'-1754'
- 1767'-1840'
- 1871'-1910'
- 1917'-1962'

SN @ 1943'

5 1/2" csg @ 2149' w/425 sx. TOC @ surface.

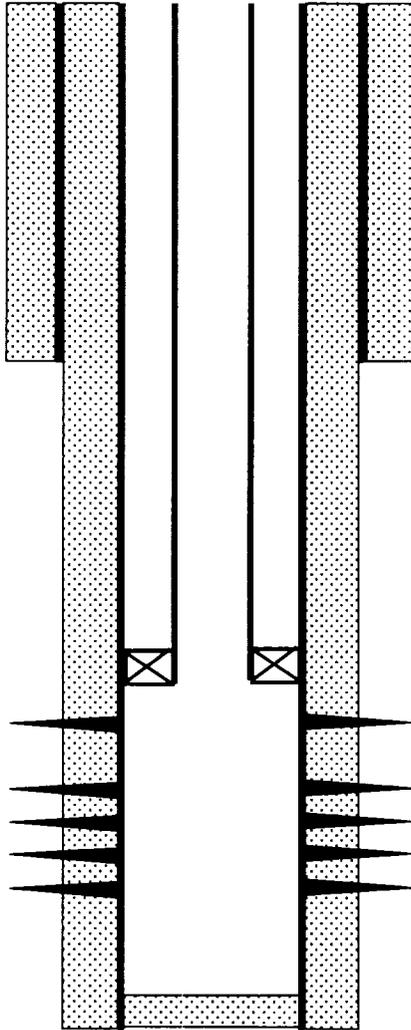
PBTD @ 2086'

TD @ 2150'

WRL 57 PROPOSED

**DEVON ENERGY CORPORATION
PROPOSED WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #57			FIELD: Red Lake			
LOCATION: 280' FSL & 850' FEL, Sec. 6-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3422' GL			SPUD DATE: 10/13/95		COMP DATE: 11/4/95	
API #: 30-015-28539		PREPARED BY: Karen Byers			DATE: 8/5/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-999'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2149'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0- +/-1475'	2 3/8" IPC				
TUBING:						



8 5/8" csg @ 999' w/500 sx. TOC @ surface.

Packer @ +/- 1475'

Injection Interval

- 1529'-1645'
- 1710'-1754'
- 1767'-1840'
- 1871'-1910'
- 1917'-1962'

5 1/2" csg @ 2149' w/425 sx. TOC @ surface.

PBTD @ 2086'

TD @ 2150'

DEVON ENERGY CORPORATION
APPLICATION FOR AUTHORIZATION TO INJECT

III Proposed Water Injection Well Data (tabular):

A.

1. West Red Lake Unit #60
50' FSL & 1980' FWL
Sec. 5-18S-27E
Eddy County, NM
2. Surface casing: 8 5/8", 24# @ 1013' w/500 sx cement, TOC @ surface.
Production casing: 5 1/2", 15.5# @ 2200' w/370 sx cement.
TOC @ surface.
3. Tubing: 2 3/8" fiberglass or internally coated, set @ 1489'.
4. Packer: 5 1/2" x 2 3/8" plastic coated AD-1 tension packer to be set @ +/- 1175'.

B.

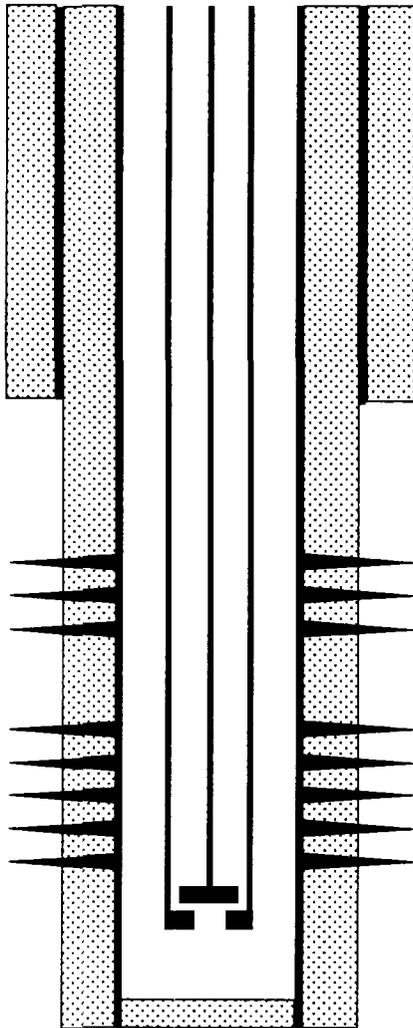
1. Injection formation: San Andres in the Red Lake (Q-GB-SA) field.
2. Proposed injection interval: 1247' - 1991'.
3. Original purpose of well: Oil producer from the San Andres formation.
4. Other perms: none.
5. Depths & names of higher and lower oil or gas zones:
Higher - none
Lower - Pennsylvanian Gas - 8770'

WRL 60 CURRENT

**DEVON ENERGY CORPORATION
CURRENT WELLBORE SCHEMATIC**

WELL NAME: WEST RED LAKE UNIT #60			FIELD: Red Lake			
LOCATION: 50' FSL & 1930' FWL, Sec. 5-18S-27E			COUNTY: Eddy			STATE: NM
ELEVATION: 3431' GL			SPUD DATE: 3/16/96		COMP DATE: 4/11/96	
API #: 30-015-28781		PREPARED BY: Karen Byers			DATE: 8/5/97	

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1013'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2200'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0-1941'	2 7/8"	6.5#	J-55	8rd	
TUBING:						



8 5/8" csg @ 1013' w/500 sx. TOC @ surface.

Perforations:

1191'-1365'

1536'-1991'

SN @ 1941'

5 1/2" csg @ 2200' w/370 sx. TOC @ surf.

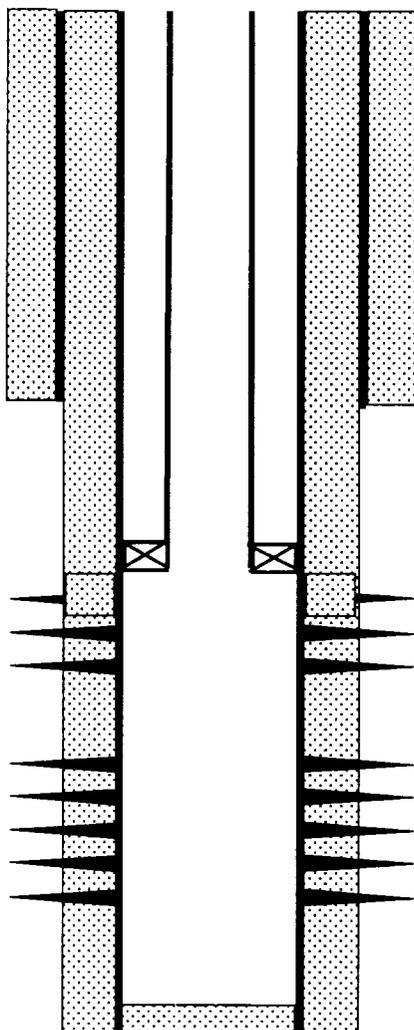
PBSD @ 2153'

TD @ 2200'

DEVON ENERGY CORPORATION PROPOSED WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #60		FIELD: Red Lake	
LOCATION: 50' FSL & 1930' FWL, Sec. 5-18S-27E		COUNTY: Eddy	STATE: NM
ELEVATION: 3431' GL		SPUD DATE: 3/16/96	COMP DATE: 4/11/96
API #: 30-015-28781	PREPARED BY: Karen Byers		DATE: 8/5/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1013'	8 5/8"	24#	J-55	8rd	12 1/4"
CASING:	0-2200'	5 1/2"	15.5#	J-55	8rd	7 7/8"
CASING:						
TUBING:	0- +/-1490'	2 3/8" IPC				
TUBING:						



8 5/8" csg @ 1013' w/500 sx. TOC @ surface.

Packer @ +/- 1175'

Perforations:

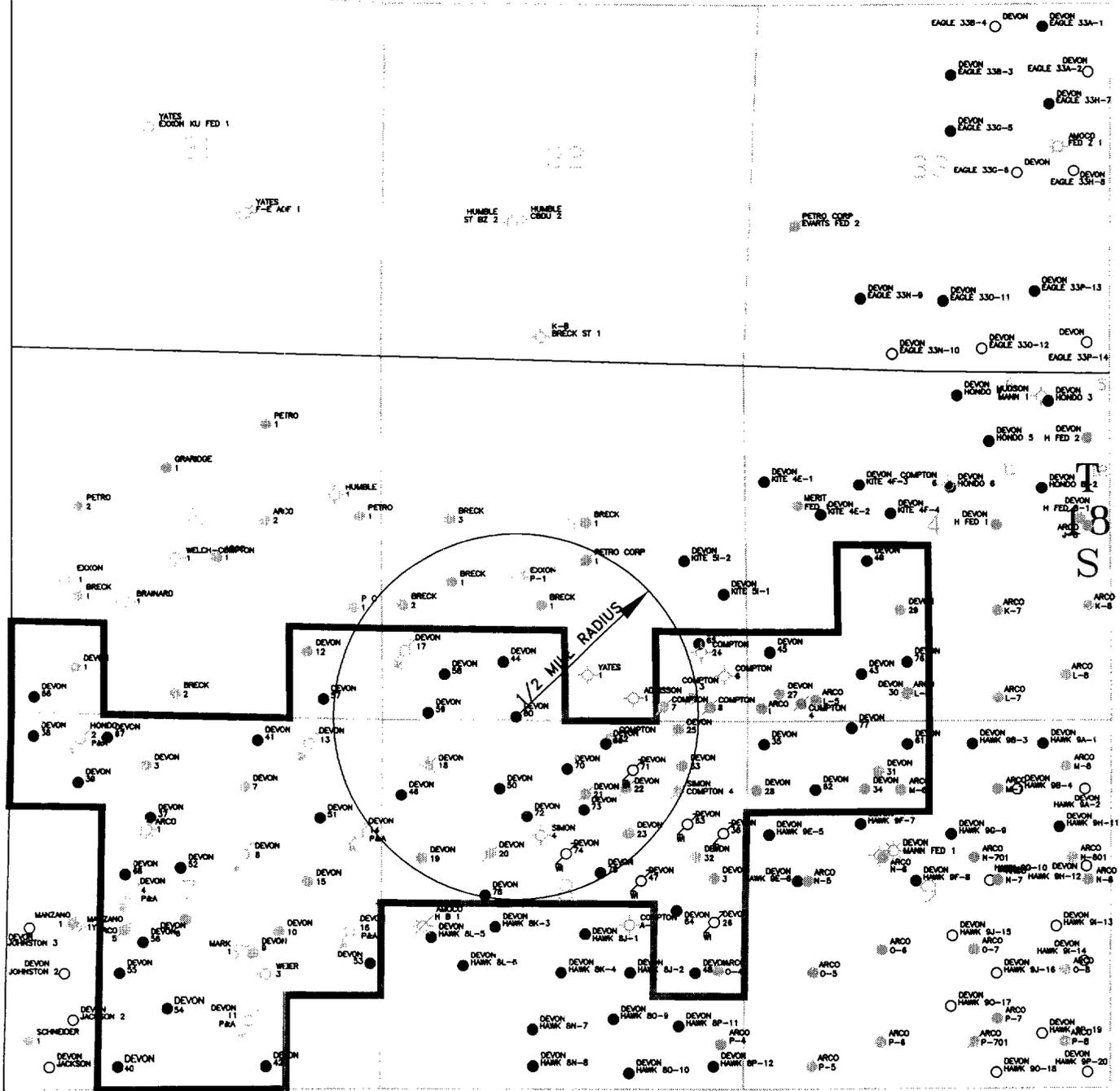
1247'-1991'

5 1/2" csg @ 2200' w/370 sx. TOC @ surf.

PBTD @ 2153'

TD @ 2200'

R 27 E



WRLU-60A					

devon ATTACHMENT V
 WEST RED LAKE AREA
 EDDY COUNTY, NEW MEXICO

WEST RED LAKE UNIT #60
 WELLS WITHIN 1/2 MILE RADIUS
PROPOSED INJECTOR

Scale in Feet
 1000 0 1000 2000 3000 4000

7/97

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
West Red Lake Unit #2 Oper: Devon Energy Corp. (formerly Honda #2)	330' FNL & 990' FWL Sec. 7-18S-27E	5/21/57	6/2/57	Oil	1801/1748'	8 5/8" 24# J-55 @ 928' w/350 sxs cml. TOC @ surface. 5 1/2" 14# @ 1800' w/200 sxs cml. TOC @ 894'. Perfd 1616'-22', 1688'-92', & 1695'-1705'. Perfd 1644'-48', 1656'-60', 1664'-66', 1668'-71' & 1036'-1044'. Converted to dual WIW 3/6/70. Plugged and abandoned 3/23/80 (see wellbore diagram).
West Red Lake Unit #3 Oper: Devon Energy Corp.	660' FNL & 1980' FWL Sec. 7-18S-27E	6/1/57	6/14/57	Oil	1803/1767'	8 5/8" 24# @ 919' w/350 sxs cml. TOC @ surface. 5 1/2" 14# @ 1801' w/225 sxs cml. TOC @ surface. Perfd 1596'-1602', 1616'-31', 1648'-64', & 1705'-09'. Perfd 1044'-47' & 1051'-54'. Perfd 1772'-1784'.
West Red Lake Unit #4 Oper: Devon Energy Corp.	2540' FNL & 1650' FWL Sec. 7-18S-27E	6/25/57	7/8/57	Oil	1776/1766'	8 5/8" 24# @ 874' w/360 sxs cml. TOC @ surface. 5 1/2" 14# @ 1774' w/250 sxs cml. TOC @ 370' (temp svy). Perfd 1724'-34'. Squeezed perfs 1724'-34'. Perfd 998'-1012'. Perfd 1578'-93', 1607'-23', 1629'-35', 1638'-46', 1655'-59', 1664'-67', and 1670'-76'. Perfd 1030'-34'. Converted to WIW 9/23/68. Plugged & abandoned 3/18/80 (see wellbore diagram).
West Red Lake Unit #6 Oper: Devon Energy Corp. (formerly Gilbert 1X & 1Y)	2460' FSL & 2580' FWL Sec. 7-18S-27E		5/27/48	Oil	1676'	9 5/8" csg @ 163' w/150 sxs. TOC @ 163'. 7" @ 1105' w/100 sxs cml. TOC @ 537' (calc). Open hole completion. Shot 1570'-1620'. Deepened to 1776'. Ran 4 1/2" 9.5# J-55 to 1776' w/135 sxs cml. TOC @ 1450'. Perfd @ 1350'-51' and squeezed 4 1/2" x 7" annulus w/150 sxs. circ'd 30 sx to surface. Perfd 1582'-92', 1640'-58', & 1688'-91'. Perfd 998'-1007' & 1582'-1754'. CIBP @ 1500'. Cml squeezed perfs @ 998'-1007'. Perfd & squeezed 750'-51'.
West Red Lake Unit #7 Oper: Devon Energy Corp. (formerly Vandagriff #4)	990' FNL & 1980' FEL Sec. 7-18S-27E	7/30/58	10/1/58	Oil	1825'	7" @ 928' w/292 sxs cml. TOC @ 262' (temp svy). 4 1/2" @ 1824' w/75 sxs cml. TOC @ 870' (Cemlon) Perfd 1714'-1784'. Perfd 1103'-1115'.

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/BTD	COMPLETION RECORD
West Red Lake Unit #8 Oper: Devon Energy Corp. (formerly Gant Fed #1)	1980' FNL & 1980' FEL Sec. 7-18S-27E	6/12/57	6/24/57	Oil	1799'/1782'	8 5/8" 24# @ 979' w/460 sxs cml. TOC @ surface. 5 1/2" 14# @ 1797' w/225 sxs cml. TOC @ 796' (temp svy). Perfd 1610'-17764'. Perfd 1084'-1098'.
West Red Lake Unit #9 Oper: Devon Energy Corp. (formerly Kaiser #2)	2310' FSL & 2026' FEL Sec. 7-18S-27E	12/22/47	3/16/48	Oil	1662'	10" 40# @ 107' w/50 sxs. TOC @ surface. 8 5/8" 28# @ 836' w/160 sxs. TOC @ surface. 7" 20# @ 1151' w/80 sxs. TOC @ 398' (calc). Open hole 1151'-1662'. 4" @ 1737' with est'd 120 sx. TOC @ 657' (calc). Perfd 1615'-1676'.
West Red Lake Unit #10 Oper: Devon Energy Corp. (formerly Kaiser #1)	2310' FSL & 1650' FEL Sec. 7-18S-27E	11/7/32	11/24/32	Oil	1770'	7" 20# @ 876' with est'd 225 sx cml. TOC @ surface (calc). Open hole completion 876'-1670'. 4 1/2" 9.5# @ 1750' w/210 sxs cml. TOC @ surface. Perfd 1602'-1624'. Perfd 1642'-1674'. Perfd 1034'-1047'. Squeezed perfs after testing.
West Red Lake Unit #11 Oper: Devon Energy Corp. (formerly Kaiser #4)	990' FSL & 1890' FEL Sec. 7-18S-27E	12/3/57	12/18/57	Oil	1775'	7" 20# @ 863' w/225 sxs cml. TOC @ surface. 4 1/2" @ 1772' w/115 sxs cml. TOC @ 695' (temp svy). Perfd 1642'-1737'. Perfd 1038'-1047'. Converted to dual WIW. Plugged and abandoned 3/18/80 (see wellbore diagram).
West Red Lake Unit #12 Oper: Devon Energy Corp. (formerly Malco #1)	990' FSL & 990' FEL Sec. 6-18S-27E	2/25/57	3/12/57	Oil	1851'	7" 20# J-55 @ 1152' w/270 sxs. TOC @ surf. 4 1/2" 11.6# J-55 @ 1851' w/112 sxs. TOC @ 830'. Perfd 1784'-1792' & 1802'-1815'. Perfd 1192'-1238'. Squeezed perfs 1192'-1238' (no production).
West Red Lake Unit #13 Oper: Devon Energy Corp. (formerly Vandagriff #3)	330' FNL & 990' FEL Sec. 7-18S-27E	3/7/57	4/10/57	Oil	1826'/1819'	7" 20 & 23# @ 1205' w/200 sxs. TOC @ surface. 4 1/2" 9.5 & 11# @ 1826' w/120 sxs. TOC @ 610' (temp svy). Perfd 1716'-1760'. Perfd 1129'-1174'. Converted to WIW.

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/BTD	COMPLETION RECORD
West Red Lake Unit #14 Oper: Devon Energy Corp. (formerly Vandagriff #2)	1650 FNL & 330 FEL Sec. 7-18S-27E	11/7/52	11/1/52	Oil	1750/1747'	7" 20# @ 1011' w/75 sxs. TOC @ surface. 4 1/2" 9.5# @ 1751' w/80 sxs. TOC @ 972' (CBL). 1664'-1720 OH Perfd 959'-960' Perfd 1057'-1096'. Converted to WIW. Plugged & abandoned 3/14/80 (see diagram).
West Red Lake Unit #15 Oper: Devon Energy Corp. (formerly Vandagriff #5)	2310' FNL & 990 FEL Sec. 7-18S-27E	10/17/62	12/15/62	Oil	1770/1737'	8 5/8" @ 28'. 4 1/2" 9.5# J-55 @ 1770' w/530 sxs. TOC @ surface. Perfd 1628'-1720' & 1044'-1064'.
West Red Lake Unit #16 Oper: Devon Energy Corp. (formerly Gant Federal #2)	2240' FSL & 400 FEL Sec. 7-18S-27E	6/17/57	7/30/57	Oil	1825'	8 5/8" 24# @ 925' w/300 sxs cmt. TOC @ surface. 5 1/2" 14# @ 1820' w/225 sxs cmt. TOC @ 830'. Perfd 1683'-1774'.
West Red Lake Unit #17 Oper: Devon Energy Corp. (formerly Simon #1)	990' FSL & 330' FWL Sec. 5-18S-27E	11/16/55	12/11/55	Oil	1856'	Perfd 1090'-1124'. Squeezed perfs 1683'-1774' w/retainer @ 1511'. Reset retainer @ 881' & squeezed perfs 1090'-1124'. Perfd squeeze holes @ 493' & squeezed in 5 1/2" x 8 5/8" annulus. Spotted cmt plug 493' to surface. Plugged & abandoned 3/12/80. (See diagram).
West Red Lake Unit #18 Oper: Devon Energy Corp. (formerly Salken Federal #1)	660' FNL & 660' FWL Sec. 8-18S-27E	6/14/44	11/9/44	TA	1976/1735'	5 1/2" 14# @ 1856' w/200 sxs cmt. TOC @ 600'. Perfd 1826'-1844'. Perfd 1618'-1801'. Perfd 1182'-1192'. Cemented 13 3/8" x 5 1/2" annulus, circ'd to surface. Converted to WIW.
West Red Lake Unit #19 Oper: Devon Energy Corp. (formerly Gant "A" #1)	1980' FNL & 660' FWL Sec. 8-18S-27E	7/7/57	7/16/57	Oil	1768/1767'	8 5/8" @ 978' w/100 sxs cmt. TOC @ 658' (calc). 7" @ 1146' w/100 sxs cmt. TOC @ surface (calc). Open hole completion 1146'-1735'. Set pump & started pumping. Pulled 376' of 7" csg. HIH & screwed on 12 J's (382') 7" 23# csg.
			12/5/57	Oil		8 5/8" 24# J-55 @ 918' w/325 sxs cmt. TOC @ surface. 5 1/2" 14# J-55 @ 1767' w/225 sxs cmt. TOC @ 618' (temp svy). Perfd 1615'-1746'. Perfd 1079'-1089'. (May have been squeezed).

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
West Red Lake Unit #20 Oper: Devon Energy Corp. (Formerly Gant A #2)	1930' FNL & 1650' FWL Sec 8-18S-27E	9/1/57	9/21/57	Oil	1794'	8 5/8" @ 925' w/300 sxs cmt. TOC @ surface (calc). 5 1/2" @ 1794' w/225 sxs cmt. TOC @ 80' (calc). Perfd 1683'-1779'. Cmt retainer @ 1629'. Cmt plug 536'-967' & surface - 500'. Plugged & abandoned 10/15/85 (see diagram).
West Red Lake Unit #21 Oper: Devon Energy Corp. (Formerly Pitcher #5)	990' FNL & 2310' FEL Sec 8-18S-27E	2/1/54	3/17/54 12/4/62	TA Oil	1170' 3005'	7" 20# @ 1041' w/50 sxs cmt. TOC @ 564' (calc). 4 1/2" 9.5# @ 2875' w/150 sxs. TOC @ 493' (temp svy). Perfd 1761'-1898' & 2668'-2685'. Perfd 2849'-2855'. (May have been squeezed). PBTD reported @ 1898' before plugging. Cmt retainer @ 1699'. squeezed perfs 1761'-1898' & 60' cmt on top of cmt ret. Spotted cmt f/1090'-535'. Perfd squeeze holes @ 520'. Cmt'd 4 1/2" x 7" annulus & 4 1/2" csg from 520'-surface. Plugged & abandoned 10/15/85 (see diagram).
West Red Lake Unit #22 Oper: Devon Energy Corp. (Formerly Pitcher Fed #3)	986' FNL & 1648' FEL Sec 8-18S-27E	10/6/48	12/1/48	Oil	1200'	7" @ 1136' w/75 sxs. TOC @ 590' (calc). 7" casing collapsed. Ran 5" liner inside 7" set on pkr. 5" liner set on pkr in 7" csg. base @ 1068'. Open hole completion 1136'-1200'. Plugged & abandoned 10/12/85 (see diagram).
West Red Lake Unit #23 Oper: Devon Energy Corp. (Formerly Compton #5)	1650' FNL & 1650' FEL Sec 8-18S-27E	2/13/50	4/7/50	Oil	1227'	7" @ 1025' w/225 sxs cmt. TOC @ surface (calc). 5" @ 1075'. Open hole completion 1075'-1228'. Perfd 1788'-1992'.
West Red Lake Unit #25 Oper: Devon Energy Corp. (Formerly Pitcher Fed #1)	121' FNL & 1003' FEL Sec 8-18S-27E	11/28/31	3/9/82	Oil	1239'	10" 42# @ 600' w/2 yds mud 8 1/4" 36# @ 1090' w/8 yds mud. Open hole completion 1090'-1239'. 7" @ 1147'. Est'd 225 sx cmt. TOC @ surface (calc). Plugged & abandoned 10/15/85 (see wellbore diagram).

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/BTID	COMPLETION RECORD
West Red Lake Unit #33 Oper: Devon Energy Corp.	660' FNL & 860' FEL Sec. 8-18S-27E	10/2/84	10/30/84	Oil	2150'/1980'	14" conductor @ 40' in 18" hole w/3 yds red-mix. 8 5/8" 24# @ 1045' in 11" hole w/500 sxs cmt. TOC @ surf. 5 1/2" 14# @ 2150' in 7 7/8" hole w/350 sxs cmt. TOC @ surf. Perf'd 1232'-1241', 1886'-1974' & 2018'-2027'. Cmt retainer @ 1998' w/18" cmt on top, squeezed perfs 2018'-2027'.
West Red Lake Unit #37 Oper: Devon Energy Corp.	1490' FNL & 2050' FWL Sec. 7-18S-27E	8/28/93	1/21/94	Oil	2450'/2394'	8 5/8" 24# @ 899' in 12 1/4" hole w/625 sxs. TOC @ surface. 5 1/2" 15.5# @ 2449' in 7 7/8" hole w/435 sxs. TOC @ surf. Perf'd 1535'-1750'.
West Red Lake Unit #39 Oper: Devon Energy Corp.	990' FNL & 990' FWL Sec. 7-18S-27E	1/14/95	3/25/95	Oil	1955'/1889'	8 5/8" 24# @ 922' in 12 1/4" hole w/500 sxs cmt. TOC @ surf. 5 1/2" 15.5# @ 1954' in 7 7/8" hole w/350 sxs cmt. TOC @ surf. Perf'd 1548'-1808'. Perf'd 1358'-1440'.
West Red Lake Unit #41 Oper: Devon Energy Corp.	330' FNL & 1800' FEL Sec. 7-18S-27E	10/20/95	11/9/95	Oil	2100'/2054'	8 5/8" 24# @ 971' in 12 1/4" hole w/500 sxs cmt. TOC @ surf. 5 1/2" 15.5# @ 2100' in 7 7/8" hole w/425 sxs cmt. TOC @ surf. Perf'd 1526'-1956'.
West Red Lake Unit #44 Oper: Devon Energy Corp.	840' FSL & 1750' FWL Sec. 5-18S-27E	10/7/95	10/27/95	Oil	2250'/2203'	8 5/8" 24# @ 1099' in 12 1/4" hole w/550 sxs cmt. TOC @ surf. 5 1/2" 15.5# @ 2249' in 7 7/8" hole w/400 sxs cmt. TOC @ surf. Perf'd 1599'-2025'.
West Red Lake Unit #46 Oper: Devon Energy Corp.	1090' FNL & 280' FWL Sec. 8-18S-27E	2/4/95	3/12/95	Oil	2050'/1954'	8 5/8" 24# @ 1025' in 12 1/4" hole w/550 sxs. TOC @ surface. 5 1/2" 15.5# @ 2049' in 7 7/8" hole w/350 sxs. TOC @ surface. Perf'd 1662'-1912'. Perf'd 1498'-1570'.
West Red Lake Unit #50 Oper: Devon Energy Corp.	990' FNL & 1700' FWL Sec. 8-18S-27E	8/5/90	9/9/90	Oil	3044'/3003'	8 5/8" 24# @ 1095' in 12 1/4" hole w/550 sxs. TOC @ surface. 4 1/2" 10.5# @ 3040' in 7 7/8" hole w/900 sxs. TOC @ surface. Perf'd 2832'-2901'.
			4/11/91	Oil	3044'/3005'	Perf'd 2273'-2476' & 2836'-2764'. Squeezed perfs 2273'-2476' w/277 sxs cmt. CIBP @ 2200' w/2 sxs cmt on top.
			10/17/94	Oil	3044'/2170'	Perf'd 1644'-1690', 1710'-1788', & 1810'-1928'.

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/BTID	COMPLETION RECORD
West Red Lake Unit #51 Oper: Devon Energy Corp.	1450' FNL & 890' FEL Sec. 8-18S-27E	10/26/95	11/17/95	Oil	2050'/1982'	8 5/8" 24# @ 1025' w/550 sxs cml. TOC @ surface. 5 1/2" 15.5# @ 2049' w/425 sxs cml. TOC @ surface. Perfd 1498-1908.
West Red Lake Unit #52 Oper: Devon Energy Corp.	2200' FNL & 2500' FWL Sec. 7-18S-27E	1/21/95	4/15/95	Oil	1950'/1873'	13 3/8" 48# @ 204' w/200 sxs. TOC @ 60'. 8 5/8" 24# @ 915' w/450 sxs. TOC @ surface. 5 1/2" 15.5# @ 1949' w/400 sxs. TOC @ surface. Perfd 1018-1818.
West Red Lake Unit #53 Oper: Devon Energy Corp.	1780' FSL & 155' FEL Sec. 7-18S-27E	10/2/95	10/20/95	Oil	2100'/2019'	8 5/8" 24# @ 949' w/650 sxs. TOC @ surface. 5 1/2" 15.5# @ 2096' w/375 sxs. TOC @ surface. Perfd 1512-1913.
West Red Lake Unit #56 Oper: Devon Energy Corp.	2100' FSL & 1980' FWL Sec. 7-18S-27E	11/1/95	11/22/95	Oil	1950'/1883'	13 3/8" 48# @ 201' w/551 sxs. TOC @ surface. 8 5/8" 24# @ 899' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 1949' w/340 sxs. TOC @ surface. Perfd 1374-1807.
West Red Lake Unit #57 Oper: Devon Energy Corp.	280' FSL & 850' FEL Sec. 6-18S-27E	10/13/95	11/4/95	Oil	2150'/2086'	8 5/8" 24# @ 999' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2149' w/425 sxs. TOC @ surface. Perfd 1529-1962.
West Red Lake Unit #58 Oper: Devon Energy Corp.	660' FSL & 900' FWL Sec. 5-18S-27E	3/4/96	3/28/96	Oil	2200'/2155'	8 5/8" 24# @ 1010' w/650 sxs. TOC @ surface. 5 1/2" 15.5# @ 2200' w/370 sxs. TOC @ surface. Perfd 1540-1996.
West Red Lake Unit #59 Oper: Devon Energy Corp.	100' FSL & 660' FWL Sec. 5-18S-27E	3/10/96	4/5/96	Oil	2250'/2197'	8 5/8" 24# @ 1150' w/675 sxs. TOC @ surface. 5 1/2" 15.5# @ 2250' w/365 sxs. TOC @ surface. Perfd 1506-1952.
West Red Lake Unit #60 Oper: Devon Energy Corp.	50' FSL & 1930' FWL Sec. 5-18S-27E	3/16/96	4/1/96	Oil	2200'/2153'	8 5/8" 24# @ 1013' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2200' w/370 sxs. TOC @ surface. Perfd 1536-1991.
West Red Lake Unit #67 Oper: Devon Energy Corp.	330' FNL & 1400' FWL Sec. 7-18S-27E	4/25/96	5/15/96	Oil	2000'/1961'	13 3/8" 48# @ 141' w/825 sxs. TOC @ surface. 8 5/8" 24# @ 903' w/600 sxs. TOC @ surface. 5 1/2" 15.5# @ 2000' w/375 sxs. TOC @ surface. Perfd 1395-1840.

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/BTD	COMPLETION RECORD
West Red Lake Unit #68 Oper: Devon Energy Corp.	2310' FNL & 1700' FWL Sec. 7-18S-27E	4/17/96	5/4/96	Oil	2000'/1956'	13 3/8" 48# @ 180' w/275 sxs. TOC @ surface. 8 5/8" 24# @ 900' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2000' w/325 sxs. TOC @ surface. Perfd 1396'-1812'.
West Red Lake Unit #69 Oper: Devon Energy Corp.	3300' FNL & 2050' FEL Sec. 8-18S-27E	5/16/96	6/13/96	Oil	2200'/2159'	8 5/8" 24# @ 1003' w/600 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/500 sxs. TOC @ surface. Perfd 1202'-2013'.
West Red Lake Unit #70 Oper: Devon Energy Corp.	700' FNL & 2600' FEL Sec. 8-18S-27E	5/23/96	6/23/96	Oil	2200'/2152'	8 5/8" 24# @ 1006' w/500 sxs. TOC @ surface 5 1/2" 15.5# @ 2199' w/400 sxs. TOC @ surface. Perfd 1170'-1989'.
West Red Lake Unit #71 Oper: Devon Energy Corp.	710' FNL & 1650' FEL Sec. 8-18S-27E	5/3/96	7/18/96	Oil	2200'/2154'	8 5/8" 24# @ 975' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/475 sxs. TOC @ surface. Perfd 1194'-1996'. Squeezed perms 1194'-1196'. Converted to WIW with injection perms 1268'-1996'.
West Red Lake Unit #72 Oper: Devon Energy Corp.	1400' FNL & 2100' FWL Sec. 8-18S-27E	6/5/96	7/20/96	Oil	2150'/2107'	8 5/8" 24# @ 1000' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2150' w/400 sxs. TOC @ surface. Perfd 1208'-1960'.
West Red Lake Unit #73 Oper: Devon Energy Corp.	1300' FNL & 2350' FEL Sec. 8-18S-27E	6/11/96	7/26/96	Oil	2200'/2154'	8 5/8" 24# @ 1000' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/400 sxs. TOC @ surface. Perfd 1182'-1986'.
West Red Lake Unit #74 Oper: Devon Energy Corp.	1930' FNL & 2600' FEL Sec. 8-18S-27E	6/16/96	7/6/96	Oil	2250'/2205'	8 5/8" 24# @ 1000' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2250' w/425 sxs. TOC @ surface. Perfd 1196'-1996'. Squeezed perms 1196'-1225'. Added new perms 1752'-2010' Converted to WIW.
West Red Lake Unit #75 Oper: Devon Energy Corp.	2200' FNL & 2100' FEL Sec. 8-18S-27E	6/22/96	8/16/96	Oil	2250'/2205'	8 5/8" 24# @ 1092' w/400 sxs. TOC @ surface. 5 1/2" 15.5# @ 2251' w/385 sxs. TOC @ surface. Perfd 1232'-2046'.

ATTACHMENT VI
WELLS OPERATED BY DEVON

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
West Red Lake Unit #78 Oper: Devon Energy Corp.	2530' FNL & 1500' FWL Sec 8-18S-27E	7/10/96	8/2/96	Oil	2200'/2155'	8 5/8" 24# @ 1045' w/600 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/450 sxs. TOC @ surface. Perf'd 1540'-1949'.
Hawk 8J Federal #1 Oper: Devon Energy Corp.	2210' FSL & 2310' FEL Sec 8-18S-27E	7/16/96	8/8/96	Oil	2250'/2205'	8 5/8" 24# @ 1059' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2249' w/400 sxs. TOC @ surface. Perf'd 1238'-2066'.
Hawk 8K Federal #3 Oper: Devon Energy Corp.	2310' FSL & 1650' FWL Sec. 8-18S-27E	8/2/96	9/1/96	Oil	2199'/2156'	8 5/8" 24# @ 1044' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/400 sxs. TOC @ surface. Perf'd 1567'-1966'.
Hawk 8K Federal #4 Oper: Devon Energy Corp.	1650' FSL & 2610' FWL Sec 8-18S-27E	7/27/96	8/17/96	Oil	2249'/2206'	8 5/8" 24# @ 1055' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2249' w/400 sxs. TOC @ surface. Perf'd 1243'-2078'.
Hawk 8L Federal #5 Oper: Devon Energy Corp.	2160' FSL & 725' FWL Sec. 8-18S-27E	7/21/96	8/15/96	Oil	2199'/2159'	8 5/8" 24# @ 1022' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/400 sxs. TOC @ surface. Perf'd 1524'-2014'.
Hawk 8L Federal #6 Oper: Devon Energy Corp.	1750' FSL & 1190' FWL Sec 8-18S-27E	10/7/96	10/25/96	Oil	2200'/2154'	8 5/8" 24# @ 1081' w/500 sxs. TOC @ surface. 5 1/2" 15.5# @ 2199' w/400 sxs. TOC @ surface. Perf'd 1352'-1986'.

**ATTACHMENT VI
WELLS OPERATED BY OTHERS**

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
Hondo B Fed Com #1 Oper: Amoco Prod.	2310 FSL & 660' FWL Sec. 8-18S-27E	11/8/74	1/15/75	Gas	9418/9362'	13 3/8" @ 321' w/300 sxs. TOC @ surf (calc). 8 5/8" @ 2010' w/1100 sxs. TOC @ surf (calc). 5 1/2" @ 9417' w/850 sxs. TOC @ 3591' (calc). Perf'd 9314'-9343'. Plugged & abandoned 12/4/85 (see diagram).
Sterling Com #1 Oper: ARCO	1650' FML & 1980' FWL Sec. 7-18S-27E	5/20/75	7/2/75	Gas	9350/9289'	13 3/8" @ 890' w/630 sxs. TOC @ surf. 8 5/8" @ 1900' w/730 sxs. TOC @ surf. 5 1/2" @ 9350' w/850 sxs. TOC @ 2700' (temp svy). Perf'd 9032'-9174'. Perf'd 9150'-9160'. Set RBP @ 8900'. Perf'd 8770'-8773' & 8775'-8777'. Milled & pushed RBP to 9170'. Commingling Penn & Aoka Gas. Plugged & abandoned 3/30/80 (see diagram).
Eaton Federal #1 Oper: SDX Resources, Inc. (to be redrilled Chalk Fed #3)	1650' FSL & 2970' FEL Sec. 5-18S-27E	10/31/57	12/3/57	Oil	1891'/1883'	8 5/8" @ 1028' w/300 sxs. TOC @ surf (calc). 5 1/2" @ 1891' w/200 sxs. TOC @ 890' (temp svy). Perf'd 1868'-1874'. Squeezed 1868'-1874' w/100 sxs cml. Perf'd 1851'-1855'. CIBP @ 1845' w/1 sx cml. Perf'd 1628'-1701'. 1816'-1831' & 1827'-1831'. CIBP @ 1800'. Plugged & abandoned 10/22/87 (see diagram).
Julia A Federal #1 Oper: Breck Operating	1980' FSL & 1020' FWL Sec. 5-18S-27E	9/9/32	4/20/33	Oil	1893'	12 1/2" @ 472' (no cml record). 10" @ 992'. 8 1/4" @ 1076'. 6 5/8" @ 1325' w/est'd 25 sx. Est'd TOC @ 1114' (calc). Open hole completion 1325'-1893'.
Julia A Federal #2 Oper: Breck Operating	1687' FSL & 370' FWL Sec. 5-18S-27E	6/15/37	12/6/37	Oil	1824'	8 5/8" @ 1000'. 5 1/2" @ 1482' w/est'd 25 sx. Est'd TOC @ 1110'. Open hole completion 1482'-1824'. 4 1/2" liner from 1272'-1832' w/125 sx. TOC @ top of liner (calc). Perf'd 1762'-1822'. Plugged & abandoned 7/15/91 (see diagram).
			12/9/59		1847'/1828'	
			7/15/91	P&A		

ATTACHMENT VI
WELLS OPERATED BY OTHERS

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBITD	COMPLETION RECORD
Julia A Federal #3 Oper: Breck Operating	1980' FNL & 660' FWL Sec. 5-18S-27E	7/31/45	7/1/46	Oil	1998'	10" @ 607' (no cml record) 8 1/4" @ 1069' 6 5/8" @ 1540' w/25 sxs. TOC @ 1290' (calc). Open hole completion 1540'-1998'.
Paton Federal #2 Oper: Breck Operating	330' FSL & 2290' FWL Sec. 6-18S-27E	8/9/57	9/1/57	Oil	1767/1747'	8 5/8" @ 917' w/300 sxs. TOC @ surf (calc). 5 1/2" @ 1765' w/125 sxs. TOC @ 1275' (calc). Perf'd 1690'-1726'. Convert to WIW thru perfs 1662'-67' & 1692'-99'.
Malco Federal B #1 Oper: Mack Energy	2310' FSL & 2310' FEL Sec. 6-18S-27E	8/28/58	9/17/58	Oil	1830'	7 5/8" @ 1255' w/395 sxs. TOC @ surf (calc). 4 1/2" @ 1824' w/75 sxs. TOC @ 1183' (calc). Perf'd 1775'-1810'.
Compton Federal A #2 Oper: R. D. Compton	250' FNL & 1980' FEL Sec. 8-18S-27E	3/30/34	8/25/34	Oil	1222'	8 1/4" @ 1074' w/50 sxs. TOC @ 717' (calc). Open hole completion 1074'-1222'.
Brainard #1 Oper: Adkisson	330' FSL & 1650' FEL Sec. 5-18S-27E	9/27/38	6/21/39	D&A	2002'	10 3/4" @ 625'. 8 1/4" @ 1036' w/est'd 25 sx. Est. TOC @ 922' (calc). Dry & abandoned. No plugging report (see diagram).
Brainard #3 Oper: R. D. Compton	332' FSL & 810' FEL Sec. 5-18S-27E	7/7/30	10/2/30	Oil	1260'	12 1/2" @ 234' (no cml record). 10" @ 536' 8 1/4" @ 1087'. 6 5/8" @ 1260' w/est'd 25 sx. Est'd TOC @ 1050' (calc). Open hole completion 1259'-1260'.
Brainard #7 Oper: R. D. Compton	200' FSL & 1220' FEL Sec. 5-18S-27E	11/28/35	1/5/36	Oil	1263'	10 3/4" @ 573' (no cml record). 8 1/4" @ 1085'. 6 5/8" @ 1262' w/est'd 25 sx. Est'd TOC @ 1051' (calc). Perf'd 1257'-1263'.
Chalk Bluff Draw Unit #1-P Oper: Exxon	2055' FSL & 1980' FWL Sec. 5-18S-27E	12/1/55	4/13/56	Gas	10,404/9471'	13 3/8" @ 559' w/350 sxs. TOC @ surf. 9 5/8" @ 3013' w/1000 sxs. TOC @ surf. 5 1/2" @ 9600' w/2235 sxs. TOC @ surf. Perf'd 9443'-9465'. Plugged back to 9400' w/plug @ 1 1/2 sxs cml. Perf'd 9278'-9360'. Plugged & abandoned 3/1/185 (see diagram).
			3/1/185	P&A	10404'	

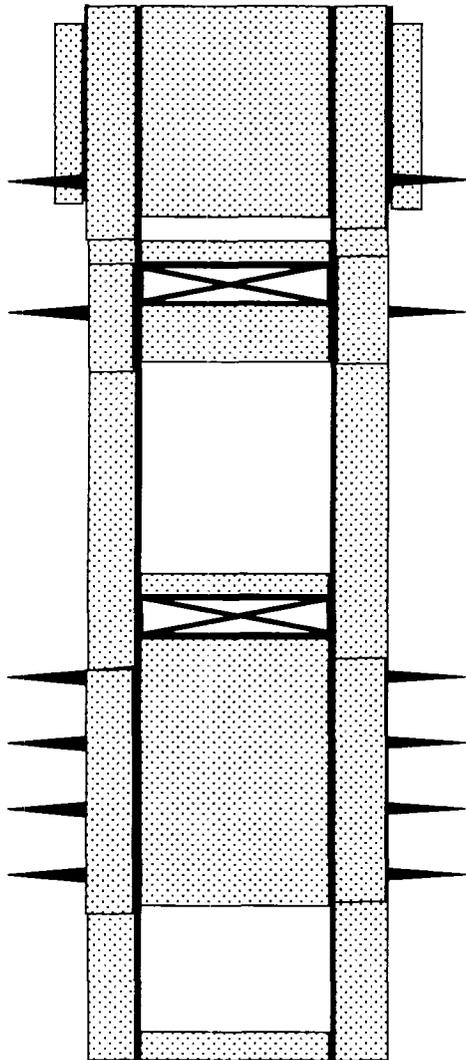
**ATTACHMENT VI
WELLS OPERATED BY OTHERS**

WELL NAME	LOCATION	SPUD DATE	COMP DATE	WELL TYPE	DEPTH/PBTD	COMPLETION RECORD
Peterson Com #1 Oper: Mewbourne Oil Co.	1980 FSL & 1980 FEL Sec. 7-18S-27E	8/18/73	10/8/73	Gas	9385'	16" @ 200' w/250 sxs. TOC @ surf. 11 3/4" @ 900' w/540 sxs. TOC @ surf. 8 5/8" @ 1971' w/475 sxs. TOC @ surf. 4 1/2" @ 9385' w/325 sxs. TOC @ 7860' (temp svy). Perf'd 9142'-9251'.
Yates Collier Federal #1 Oper: Petro Corp of Texas	2310 FSL & 2310' FEL Sec. 5-18S-27E	3/18/50	4/16/50	Oil	2004'	10" @ 515'. mudded & pulled. 7" @ 1630' w/100 sxs. TOC @ 1188' (calc). Open hole completion 1630'-2004'. Plugged & abandoned 1/4/80 (see diagram).
Julia B Federal #1 Oper: Breck Operating	1650' FSL & 330' FEL Sec. 6-18S-27E	4/2/43	6/25/43	Oil	1817'	10" @ 564' (no cmt record). 8 1/4" @ 1060' w/25 sxs. TOC @ 807' (calc). 7" @ 1676' w/25 sxs. TOC @ 1443' (calc). Open hole completion 1676'-1817'.
Vandagriff #4 Oper: J. E. Simon	1650' FNL & 2310' FWL Sec. 8-18S-27E	4/9/49	5/11/49	D&A	1215'	7" @ 1055' w/50 sxs. TOC @ 505' (calc). Dry & abandoned 5/11/49 (see diagram).
Kaiser #3 Oper: Weier Drig. Co.	1650' FSL & 1650' FEL Sec. 7-18S-27E	11/16/48	12/22/48	D&A	1626'	9 5/8" @ 114' w/50 sxs. TOC @ surface. 7" @ 1240' w/75 sxs. TOC @ 910' (calc). Shot off & pulled 706' of casing. 555' of csg left in hole. Dry & abandoned 12/30/48 (see diagram).
Choque "AMX" Fed. #1 Oper: Yates Petroleum	660' FSL & 2310' FEL Sec. 5-18S-27E	7/30/93	9/1/94	Oil	3950/1375'	8 5/8" @ 1350' w/500 sxs. TOC @ surf (calc). 5 1/2" @ 3950' w/830 sxs. TOC @ surf (calc). Perf'd 1207'-1239', 1412'-1947' (squeezed) & 2744'-3510'. Plugged & abandoned 8/15/95 (see diagram).
Plicher Federal #4 Oper: ARCO	990' FNL & 990' FEL Sec. 8-18S-27E	5/21/49	6/13/49	Oil	1226'	7" @ 1078' w/75 sxs. TOC @ 820' (calc). Open hole 1085'-1225'. Plugged & abandoned 8/28/51 (see diagram).
Carter Collier Federal #1 Oper: Breck Operating	2310' FNL & 2310' FEL Sec. 5-18S-27E	5/13/48	8/30/48	Oil	2256/1936'	10" @ 1057' (no cement record). Pulled 990' when 8 5/8" was set. 67' of 10" remains in hole from 990'-1057'. 8 5/8" @ 1460' w/75 sxs. TOC @ 647'. 7 5/8" @ 1454' w/35 sxs. TOC @ 945' (calc). Open hole 1465'-1936'.

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #2			FIELD: Red Lake			
LOCATION: 330' FNL & 990' FWL, Sec. 7-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3297'			SPUD DATE: 5/21/57		COMP DATE: 6/2/57	
API #: 30-015-00808		PREPARED BY: Karen Byers			DATE: 7/16/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-928'	8 5/8"	24#	J-55		11"
CASING:	0-1800'	5 1/2"	14#			7 7/8"
CASING:						
TUBING:						
TUBING:						



Squeeze perms @ 895'-96', sqzd w/290 sxs cmt, circ'd.

8 5/8" @ 928' w/350 sxs cmt. TOC @ surface.

Cement retainer @ 1002' w/50' cmt on top.

50 sxs cement 1036'-1044'

Cement retainer @ 1584' w/50' cmt on top.

75 sxs cmt 1616'-1705'

Perforations: All perms squeezed

1036'-44' (squeezed w/50 sxs cmt).

1616'-22', 1644'-46', 1656'-60', 1664'-66', 1668'-71',

1688'-92', & 1695'-1704' (squeezed w/75 sxs cmt).

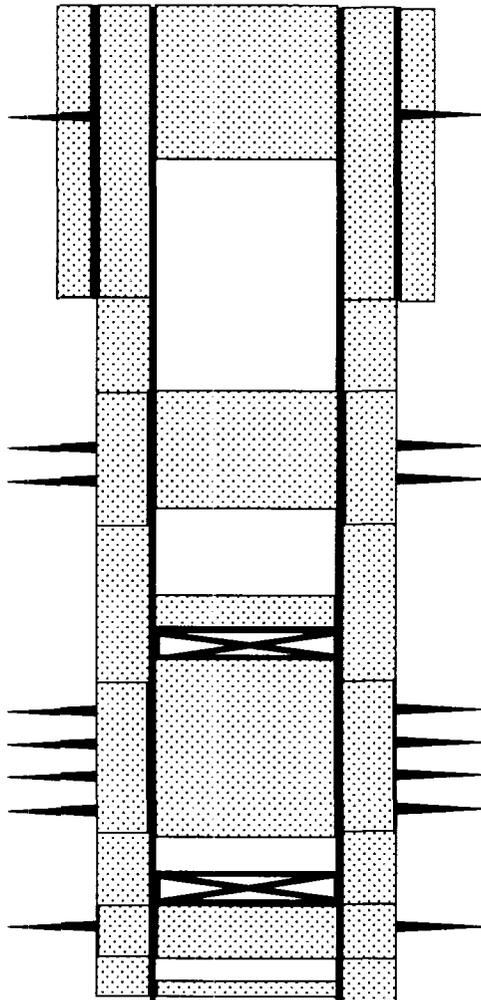
5 1/2" @ 1800' w/200 sxs cmt. TOC @ 894'

TD @ 1801'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #4			FIELD: Red Lake			
LOCATION: 2540' FNL & 1650' FWL, Sec. 7-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3295' DF			SPUD DATE: 6/24/57		COMP DATE: 7/8/57	
API #: 30-015-00810		PREPARED BY: Karen Byers			DATE: 7/16/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-874'	8 5/8"	24#	J-55		11"
CASING:	0-1774'	5 1/2"	14#	J-55		7 7/8"
CASING:						
TUBING:						
TUBING:						



Cement plug from 341' to surface.
Squeeze perms 340' & 341'.

8 5/8" @ 874' w/360 sxs cmt. TOC @ surface.

Cement retainer @ 1497' w/50' cmt on top.

Perforations:

998'-1012', 1030'-34' (squeezed)
1578'-93', 1607'-23', 1629'-35', 1638'-46', 1655'-59'
1664'-67', 1670'-76' (squeezed)
1724'-34' (squeezed)

Cement retainer @ 1703'

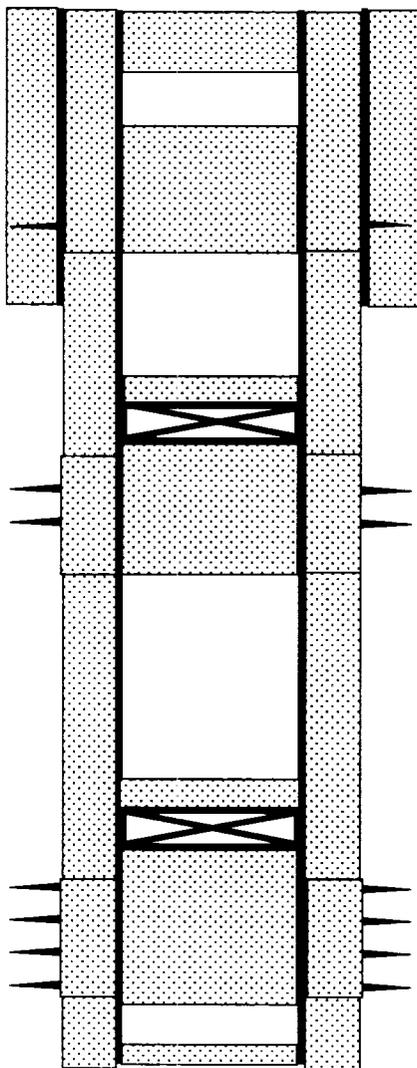
5 1/2" @ 1774' w/250 sxs cmt. TOC @ 370' (temp svy).

TD @ 1775'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #11			FIELD: Red Lake			
LOCATION: 1980' FEL & 990' FSL, Sec. 7-17S-31E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3292' GL			SPUD DATE: 12/3/57		COMP DATE: 12/11/57	
API #: 30-015-		PREPARED BY: Karen Byers			DATE: 7/17/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-863'	7"	20#	J-55		8 3/4"
CASING:	0-1772'	4 1/2"	9.5 & 10.5#	J-55		6 1/4"
CASING:						
TUBING:						
TUBING:						



10 sk cement plug to surface.

Squeeze perms @ 724'-25', squeezed w/115 sxs cement.

8 5/8" @ 863' w/225 sxs cmt. TOC @ surface.

Cement retainer @ 980' w/50' cmt on top.
Squeezed 1038'-1047' w/40 sxs cmt.

Cement retainer @ 1617' w/50' cmt on top.
Squeezed 1642'-1737' w/60 sxs cmt.

Perforations:

- 1038'-1047' (squeezed)
- 1642'-1650', 1666'-1670, 1674'-1680' (squeezed)
- 1729'-1737' (squeezed)

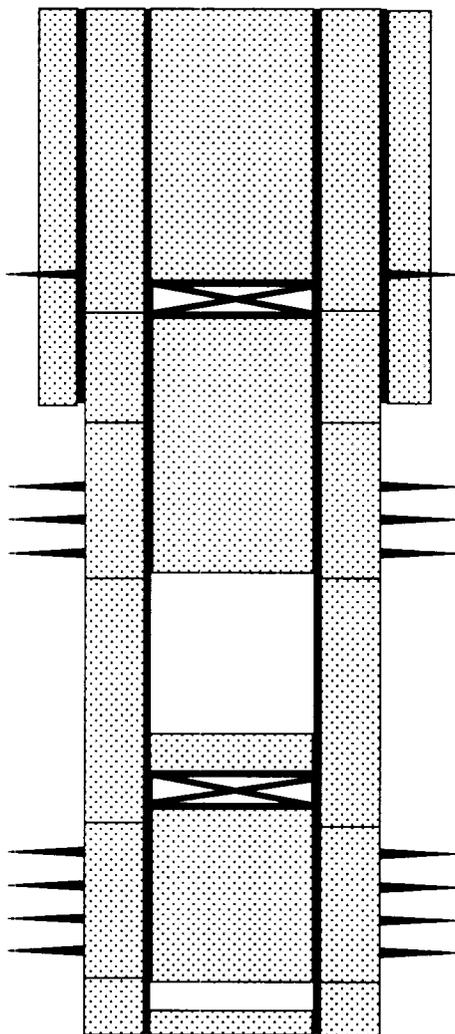
4 1/2" @ 1772' w/115 sxs cmt. TOC @ 744' (CBL).

TD @ 1772'

V: Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #14			FIELD: Red Lake			
LOCATION: 1650' FNL & 330' FEL, Sec. 7-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3348' (top of 7" csg collar)			SPUD DATE: 11/?/52		COMP DATE: 11/?/52	
API #: 30-015-00803		PREPARED BY: Karen Byers			DATE: 7/29/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1011'	7"	20#			
CASING:	0-1751'	4 1/2"	9.5#			
CASING:						
TUBING:						
TUBING:						



Squeeze perms @ 959'-960', squeezed, circ'd cmt to surf.
Cement retainer @ 961'.
Squeezed 1057'-1096' w/35 sxs cement.

7" @ 1011' w/75 sxs cmt. TOC @ surface (calc).

Cement retainer @ 1496' w/5 sxs cmt on top.
Squeezed 1664'-1720' w/115 sxs cement.

Perforations

959'-960' (squeeze perms)
1057'-60', 1068'-70', 1074'-75' & 1091'-96' (squeezed)
1664'-68', 1672'-75', 1681'-83', 1690'-1710'
& 1714'-1720' (squeezed)

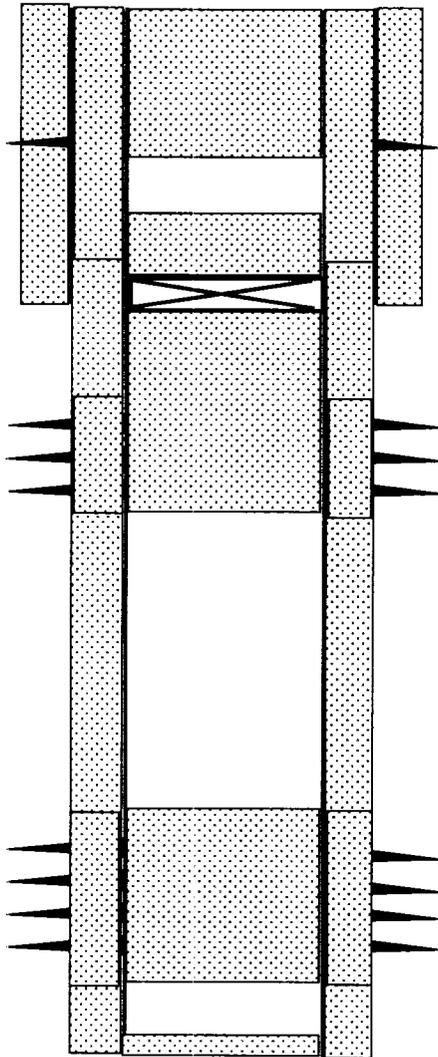
4 1/2" @ 1751' w/80 sxs. TOC @ 972' (CBL).

TD @ 1750'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #16			FIELD: Red Lake			
LOCATION: 2240' FWL & 400' FEL, Sec. 7-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3367' DF			SPUD DATE: 6/17/57		COMP DATE: 7/29/57	
API #: 30-015-		PREPARED BY: KAREN BYERS			DATE: 7/22/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-925'	8 5/8"	24#		8RD	
CASING:	0-1820'	5 1/2"	14#		8RD	
CASING:						
TUBING:						
TUBING:						



Squeeze perms @ 493', pumped 125 sxs cmt, circ'd.

Cmt retainer @ 881' w/30 sxs on top.

Squeezed 1090'-1124' w/50 sxs cement.

8 5/8" @ 925' w/ 300 sxs. TOC @ surface.

Perforations:

1090'-1092', 1097'-1099', 1102'-1103', 1121'-1124'

1683'-1693', 1716'-1722', 1728'-1738', 1743'-1752',

1760'-1766', 1768'-1774'

Squeezed 1683'-1774' w/150 sxs cement.

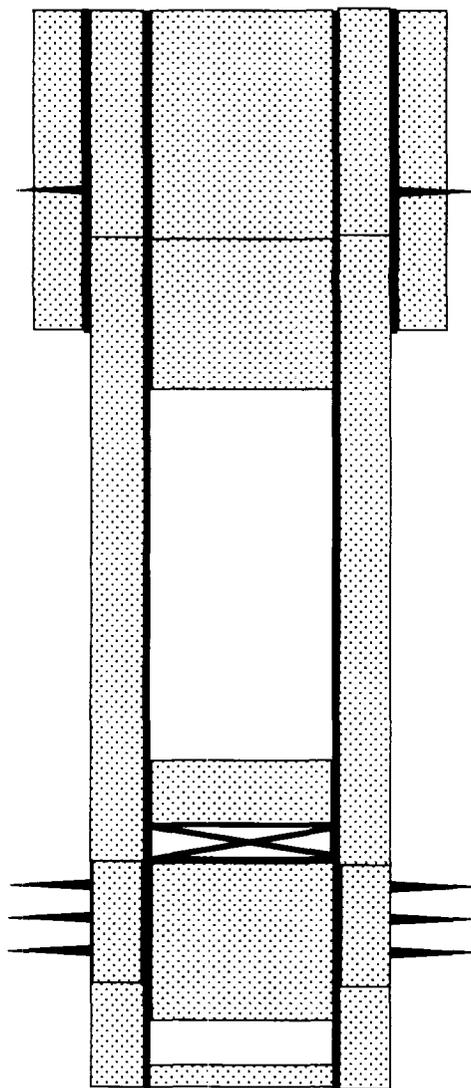
5 1/2" @ 1820' w/225 sxs cmt. TOC @ 830'.

TD @ 1825'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #20			FIELD: Red Lake			
LOCATION: 1930' FNL & 1650' FWL, Sec. 8-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3376' DF			SPUD DATE: 9/1/57		COMP DATE: 9/26/57	
API #: 30-015-00827		PREPARED BY: Karen Byers			DATE: 7/29/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-925'	8 5/8"	24#	J-55		
CASING:	0-1794'	5 1/2"	14#	J-55		
CASING:						
TUBING:						
TUBING:						



CURRENT
 PROPOSED

8 5/8" @ 925' w/330 sxs. TOC @ surface.

Cement plug 535'-957'

Cement retainer @ 1629' w/59' cmt on top.

Perforations:

500' (squeeze perfs)

1683', 1702'-12', 1722'-32', 1760' & 1779' (squeezeed)

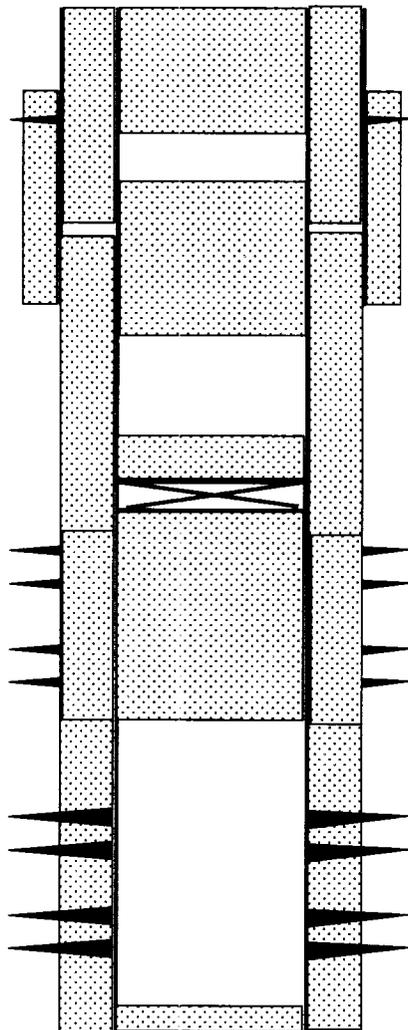
5 1/2" @ 1794' w/250 sxs. TOC @ 550' (temp svy).

TD @ 1794'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #21			FIELD: Red Lake			
LOCATION: 990' FNL & 2310' FEL, Sec. 8-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: 3400' DF			SPUD DATE: 2/1/54		COMP DATE: 3/17/54	
API #: 30-015-		PREPARED BY: KAREN BYERS			DATE: 7/22/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1041'	7"	20#			
CASING:	0-2875'	4 1/2"	9.5#			
CASING:						
TUBING:						
TUBING:						



Squeeze perms @ 520', sqz'd 520' - surface w/225 sxs.

Cement plug 535'-1090' w/50 sxs cement.

7" @ 1041' W/50 sxs cmt. TOC @ 564' (calc)

Original TD @ 1170'

Cement retainer @ 1699' w/60' cmt on top.

Squeezed 1761'-1898 w/100 sx cmt.

Perforations:

520' (squeezed perms)

1761'-64', 1798'-1804', 1818'-26', 1856'-62', 1864'-67'

1874'-98' (squeezed)

2668'-85'

2849'-55 (may have been squeezed).

4 1/2" 9.5# @ 2875' w/150 sxs cmt. TOC @ 493'

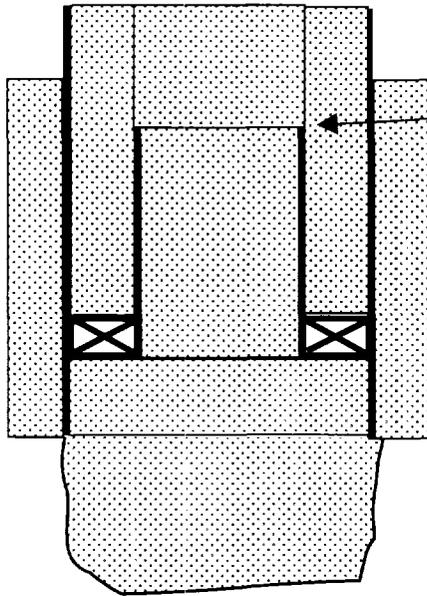
(temp svy)

TD @ 3005'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #22			FIELD: Red Lake			
LOCATION: 986' FNL & 1648' FEL, Sec. 8-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: Unknown			SPUD DATE: 11/6/48		COMP DATE: 12/1/48	
API #: 30-015-00832		PREPARED BY: Karen Byers			DATE: 7/29/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1136'	7"	20#			
CASING:	0-1068'	5 1/2"	15.5#			
CASING:						
TUBING:						
TUBING:						



5 1/2" csg top @ +/- 620'

Cemented 1108' - surface w/200 sxs.

5 1/2" @ 1068' on pkr inside 7" csg.

7" @ 1136' w/75 sxs. Collapsed @ 743'

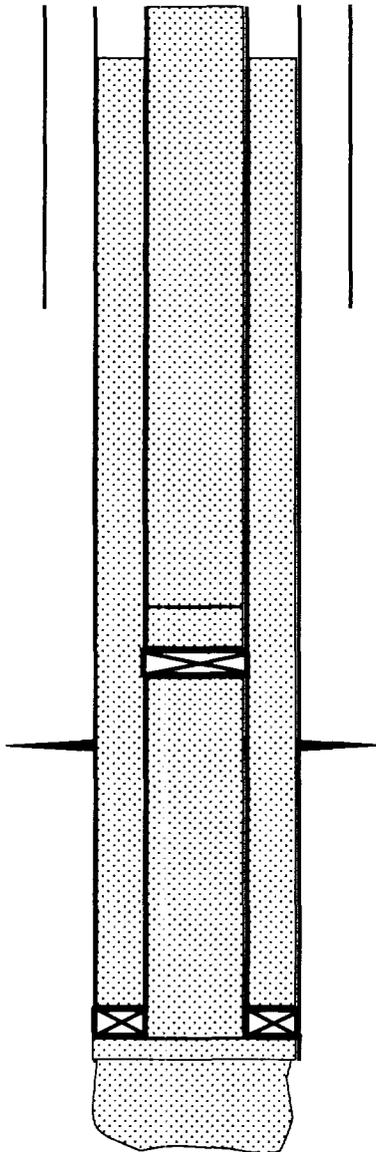
Cemented 1192'-1108' w/50 sxs.

TD @ 1200'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: WEST RED LAKE UNIT #25			FIELD: Grayburg Jackson			
LOCATION: 121' FNL & 1003' FEL, Sec. 8-18S-27E			COUNTY: Eddy County		STATE: NM	
ELEVATION: Unknown			SPUD DATE: 11/28/31		COMP DATE: 3/9/32	
API #: 30-015-00819		PREPARED BY: KAREN BYERS			DATE: 7/23/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-600'	10"	42#			
CASING:	0-1090'	8 1/4"	36#			
CASING:	0-1090'	7"				
TUBING:						
TUBING:						



TOC behind 7" csg 50' (temp svy)

150 sxs cement surface-765'

10" @ 600' w/2 yds mud.

Cement retainer @ 785' w/30 sxs on top.
Cemented w/240 sxs, did not circ.

Perfs @ 838' (squeeze perfs)

Open hole completion 1147'-1242'

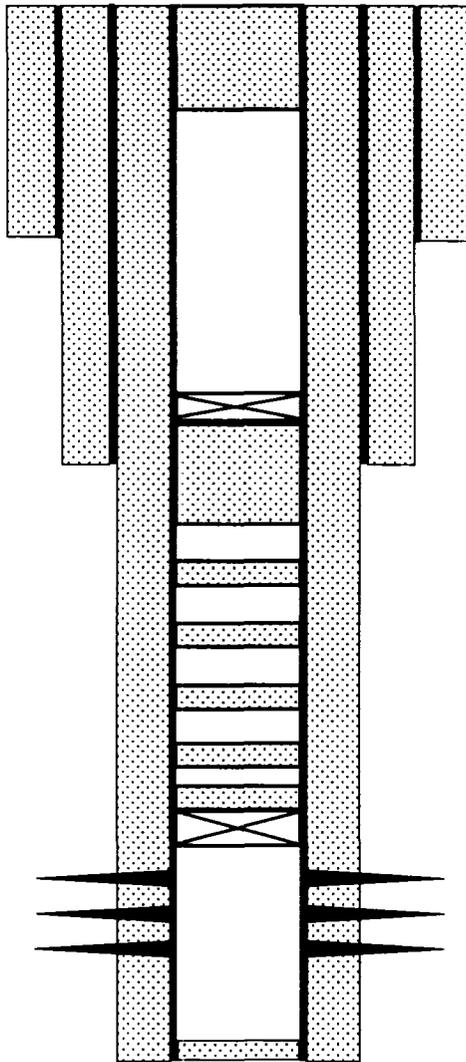
7" w/hook wall pkr @ 1082'
8 1/4" @ 1090' w/8 yds mud.

75 sxs cement 1147'-1245'
TD @ 1239' (3/32), 1242' (8/48)

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: HONDO "B" FEDERAL GAS COM #1		OPERATOR: AMOCO		FIELD: Red Lake		
LOCATION: 2310' FSL & 660' FWL, Sec. 8-18S-27E		COUNTY: Eddy		STATE: NM		
ELEVATION: 3388' GL		SPUD DATE: 11/8/74		COMP DATE: 1/15/75		
API #: 30-015-21114	PREPARED BY: Karen Byers			DATE: 7/30/97		
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-321'	13 3/8"	48#			17 1/2"
CASING:	0-2010'	8 5/8"	24#			11"
CASING:	0-9417'	5 1/2"	14-17#			7 7/8"
TUBING:						
TUBING:						



Cement plug (15 sxs) @ 120'

13 3/8" @ 321' w/300 sxs. Circ'd cmt to surface.

Cement retainer @ 1950', squeezed 550 sxs, circ'd 30 sxs out 8 5/8" csg.

8 5/8" @ 2010' w/1100 sxs. Circ'd cmt to surface.

Hole in csg @ 2885'-90'

20 sxs cmt @ 3145'
 20 sxs cmt @ 5175'
 20 sxs cmt @ 6218'
 20 sxs cmt @ 8075'.

CIBP @ 8720' w/10 sxs cmt on top.

Perforations:

9314'-22
 9325'-31'
 9340'-43'

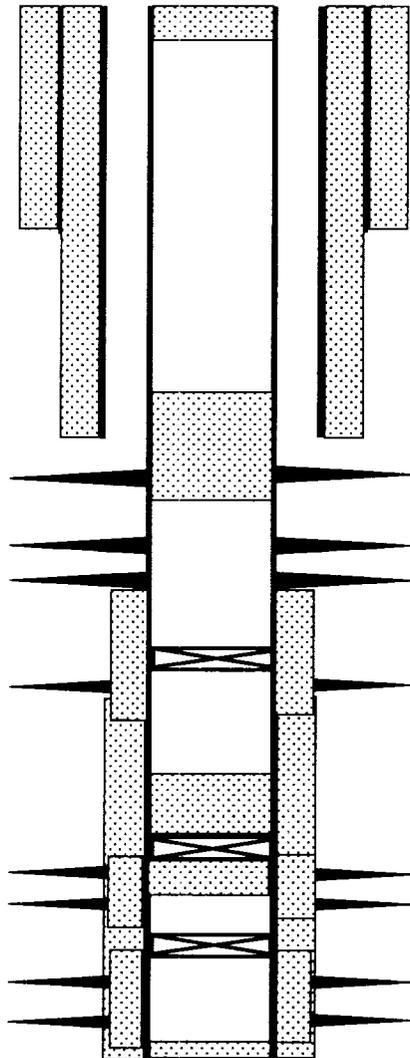
5 1/2" @ 9417' w/850 sxs. TOC @ 3591' (calc)

TD @ 9418', PBTD @ 9362'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: STERLING COM #1		OPERATOR: ARCO		FIELD: Red Lake		
LOCATION: 1650' FNL & 1980' FWL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3288' GL			SPUD DATE: 5/20/75		COMP DATE: 7/2/75	
API #: 30-015-21528		PREPARED BY: Karen Byers			DATE: 8/14/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-890'	13 3/8"	48#	H-40		17 1/2"
CASING:	0-1900'	8 5/8"	24#	K-55	ST&C	11"
CASING:	0-9350'	5 1/2"	14-17#			7 7/8"
TUBING:						
TUBING:						



30' plug @ surface

13 3/8" @ 890' w/630 sxs. TOC @ surface.

8 5/8" @ 1900' w/730 sxs. TOC @ surface.

Cement plug 1800'-2144'
Squeeze perfs @ 1950'-52'

Squeeze perfs @ 2675'-77' & 2600' (could not circ)

Cement retainers @ 8824', 8720' & 5112'.

Perforations:

8770'-8773' & 8775'-8777' (squeezed)

9032'-9174' (squeezed)

5 1/2" @ 9350' w/850 sxs. TOC @ 2700' (temp svy).

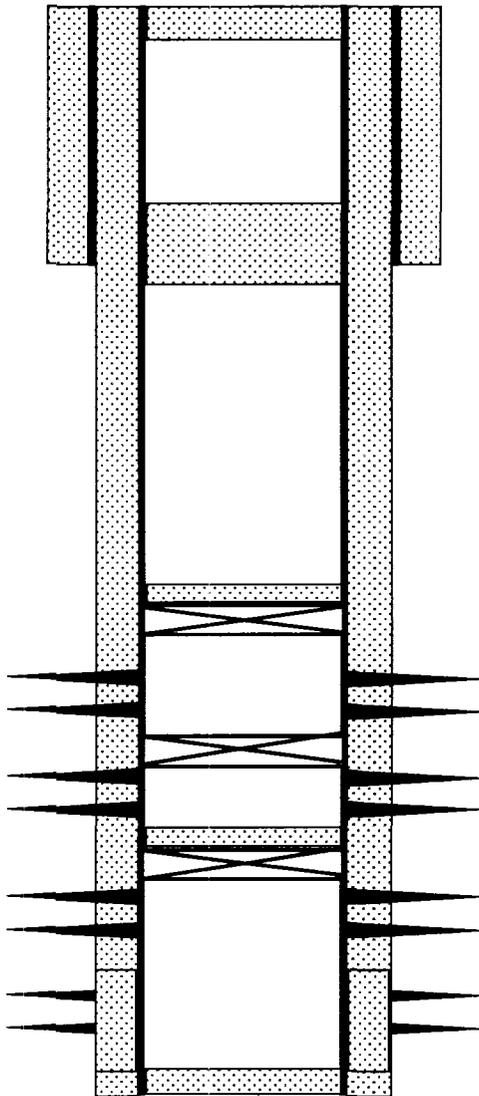
TD 9350' PBDT 9289'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: EATON FEDERAL #1	OPERATOR: SDX Resources	FIELD: Red Lake
LOCATION: 1650' FSL & 2970' FEL, Sec. 5-18S-27E	COUNTY: Eddy	STATE: NM
ELEVATION: 3480' GL	SPUD DATE: 10/31/57	COMP DATE: 12/3/57
API #: 30-015-00787	PREPARED BY: Karen Byers	DATE: 8/14/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1028'	8 5/8"	32#			
CASING:	0-1891'	5 1/2"	14#			
CASING:						
TUBING:						
TUBING:						



Cement plug (10 sx) @ surface.

8 5/8" @ 1028' w/300 sxs. TOC @ surf.

Cement plug (15 sx) from 899'-1078'

CIBP @ 1845', 1800', & 1600'

Perforations:

1628'-1701' & 1816'-1831'

1851'-1855'

1868'-1874' (squeezed)

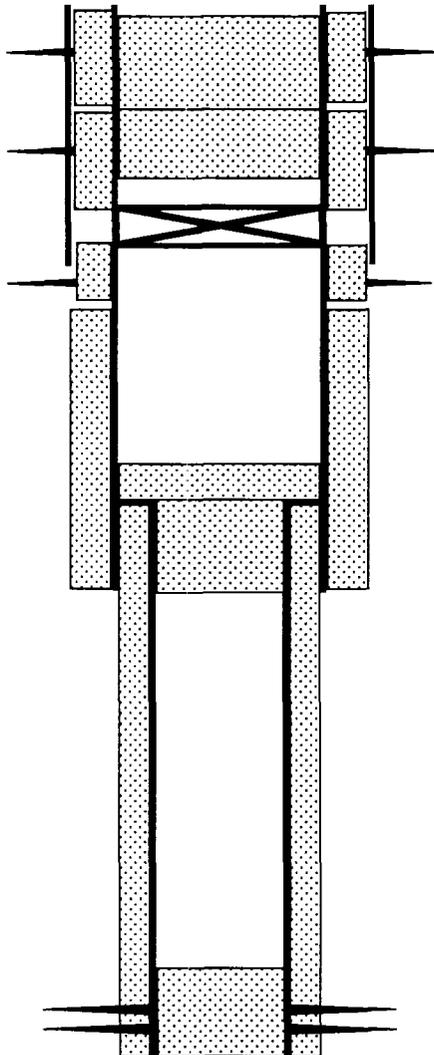
5 1/2" @ 1891' w/200 sx. TOC @ 890' (temp svy).

TD 1891' PBD 1883'

V: Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: JULIA "A" FEDERAL #2		OPERATOR: Breck Operating		FIELD: Red Lake		
LOCATION: 1687' FSL & 370' FWL, Sec. 5-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: Unknown			SPUD DATE: 6/15/37		COMP DATE: 12/6/37	
API #: 30-015-00778		PREPARED BY: Karen Byers			DATE: 8/14/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1000'	8 5/8"				
CASING:	0-1482'	5 1/2"	15#			7 3/4"
CASING:	1272'-1832'	4 1/2" liner	12.6#			
TUBING:						
TUBING:						



Cement plug to surface.
Squeeze perfs @ 350'

Squeeze perfs @ 750'

8 5/8" @ 1000'.

Squeeze perfs @ 1050' (couldn't circ)

Cement plug (20 sx) @ 1332'

5 1/2" @ 1482'. Est'd TOC @ 1110' (calc).

Cement plug from 1540'-PBTD.

4 1/2" liner from 1272'-1832' w/125 sx. TOC @ TOL (calc).

TD 1847'

ATTACHMENT VI
Well Information and Downhole Schematics
Plugged and Abandoned Wells within Area of Review
Devon Energy Corporation
West Red Lake Waterflood Project

Well Name: Braimara #1

Location: Section 5-18S-27E (330' FSC + 116.50' FEZ)

Operator (at time of plugging): AW Adkins, Inc.

Date Plugged: 6/3/32

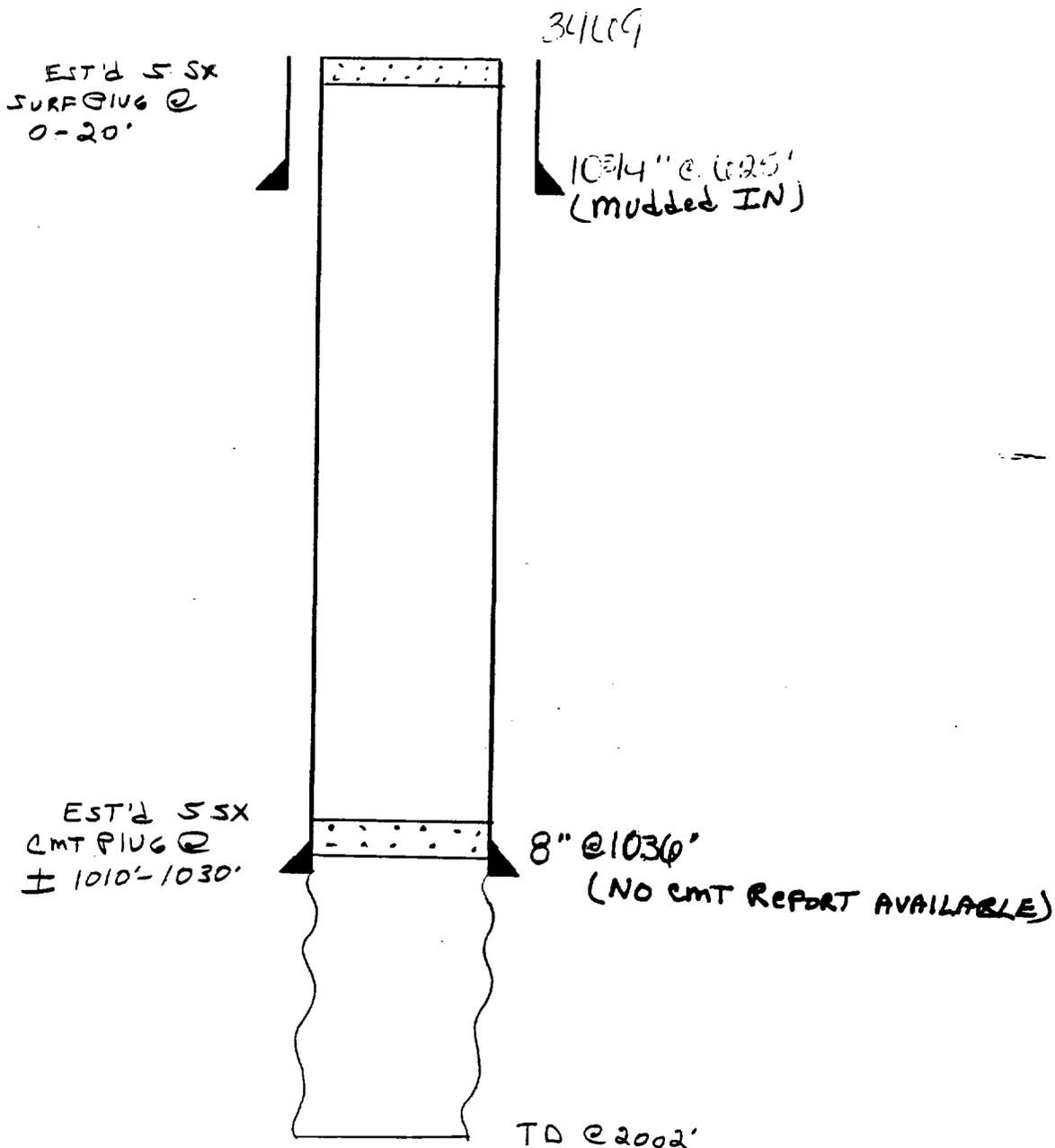
Information Obtained From: Scout Report (UIM), PI CD (UIM)

Comments:

Spill 9-27-32. Csg set @ 1025' and 1031'

NO CMT VOLUMES GIVEN. NO PLUGGING INFO
AVAILABLE. SEE ATTACHED. (Dotted = Abandoned
Well)

Downhole Schematic:



petroROM Well Report
 Copyright 1996 by Petroleum Information Corporation
 ----- General Information -----

State : NMEX	Final Status : D&A-OG
County : EDDY	Total Depth : 2002
Field : ARTESIA	Spud Date YYYYMMDD: 19380927
Operator Name : ADKISSON A W	Comp Date YYYYMMDD: 19390621
Well Number : 1	Hole Direction : VERTICAL
Lease Name : BRAINARD	
API Number : 30015007770000	
Section or Equiv : SEC 5	Init Lahee Class : D
Township : S018	Final Lahee Class: D
Range : E027	Permit Number :
Spot :	Elevation : 00000 ()
Base Meridian : NEW MEXICO (21)	
Geologic Province: PERMIAN BASIN	
Formation at TD :	
Oldest Age Pen :	

Producing Formation:

----- Additional Location Information -----

Footage Location : 330FSL 1650FEL SEC LN
 Location Narrative:

Latitude : 32.77034	Latitude (Bot) :
Longitude : 104.29657	Longitude (Bot) :

Latitude & Longitude Source: USGS

----- Production Tests -----

Test Form	Top	Base	Oil Rate	Gas Rate	Wtr Rate	FTP	BHP	Ck	M	BHT
0001	1242	1242	4 BO		5 BW					P
0002	1249	1250	5 BO		1 BW					P
0003	2002	2002			1 UW					B

----- Formation Tests -----

Test Type Form	Top	Base	Hydrostatic		Flowing		Shut In		Open Time	Cush Amt
			Init.	Final	Init.	Final	Init.	Final		
0001 DST	1239	1240								
0002 DST	1248	1248							24H	
0003 DST	1248	1248								

Test Amount	Unit	Desc	Pipe Recovery		
			Amount	Unit	Desc
0001	1 BBL	ZW			
0002	1 BBL	ZW			
0003	1 BBL	ZW			

----- Casing Data -----

Size	Depth	Cement
10 3/4	625	
8 1/4	1036	

----- Actual Bottom Hole From Surface Location -----

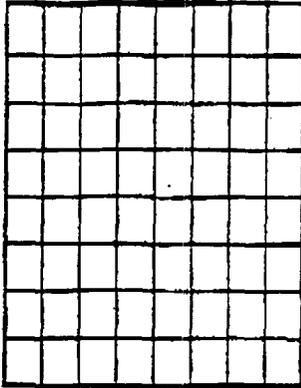
Meas Depth	True Vert Depth	Closure Ft Deg Min	N/S Footage	E/W	State Code	County Code
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----- Actual Bottom Hole Narrative -----

----- Drilling Narrative -----

Date	Remarks
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Form 9-329



U. S. LAND OFFICE LAS CRUCES

SERIAL NUMBER 054442 (C)

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Albert E. Adkinson Address Fort Worth, Texas

Lessor or Tract _____ Field Compton State New Mexico

Well No. 1 Sec. 5 T. 18S R. 7E Meridian N.M.P. County Eddy

Location 330 ft. of Line and 1650 ft. of Line of _____ Elevation 3469

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Melvin Farrington

Date Sept 24, 1939 Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept 30, 1939 Finished drilling April 27, 1939

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1242 ft. to 1244 ft. O+W No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from 975 ft. to 972 ft. No. 3, from _____ to _____

No. 2, from 971 ft. to _____ No. 4, from _____ to _____

CASING RECORD

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of steel	Cut and pulled from	Perforated		Purpose
							From	To	
<u>10</u>	<u>40</u>	<u>8</u>		<u>825</u>	<u>Tool joint</u>				
<u>HIRLOVA OR OIL OR GAS WELL</u>									

MUDDING AND CEMENTING RECORD

Casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10</u>	<u>685</u>	<u>None</u>	<u>plug system</u>		<u>2 tons of clay</u>
<u>8 1/2</u>	<u>1036</u>	<u>None</u>	<u>plug system</u>		<u>2 tons clay</u>
					<u>1,000 cc. aquigel</u>

PLUGS AND ADAPTERS

Heaving plug - Material _____ Length _____ Depth set _____

FOLD MARK

New Mexico
A. W. Adrison, Operator
Brainerd Lease

Well #1 (Dry hole)
Location: Center of SE $\frac{1}{4}$
of SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 5
R-29-E, T-18-S

Elev. 3477'

- 0
- 20 Lime
- 23 Shale
- 86 Lime
- 90 Red Shale
- 100 lime & Anhy, water
- 139 lime & gyp. HFW
- 176 Anhy. & gyp
- 183 Blue shale
- 213 GYP
- 289 lime & anhydrite
- 301 anhy. & gyp
- 315 lime & anhydrite
- 318 shale & anhydrite
- 325 lime, hard
- 346 GYP
- 395 anhy., hard
- 450 gyp & anhy.
- 435 lime & red bed
- 463 anhydrite
- 535 red shale & anhy
- 539 anhydrite
- 582 red shale & anhy.
- 600 gyp & anhydrite
- 612 gyp & red shale
- 625 gyp & anhydrite
(625' 10" casing)
- 630 blue shale
- 713 gyp, broken
- 725 blue sandy shale
- 753 sandy shale & gyp
- 813 red shale & gyp
- 819 red shale
- 873 red shale & gyp
- 903 anhydrite
- 913 red sand (started underdigging 8")
- 922 red sandy shale & gyp
- 950 sand
- 962 red shale
- 971 lime, broken
- 994 red shale & sand
- 1027 lime
- 1031 sand & lime
- 1046 lime
- 1053 sandy lime
- ~~1053~~
- 1082 lime
- 1100 red rock & lime
- 1107 lime & anhydrite
- 1123 lime
- 1133 sandy lime
- 1142 sand
- 1147 sand & gyp
- 1159 sandy lime & gyp
- 1175 lime & red rock
- 1198 lime
- 1204 lime & red rock
- 1225 lime, hard

- 1300 lime, water
- 1302 hard lime
- 1308 lime, red rock
- 1315 sandy lime
- 1323 lime-anhy.
- 1338 sandy lime
- 1360 lime-anhydrite
- 1374 lime-anhydrite
- 1425 lime
- 1432 lime-anhy.
- 1437 lime-anhydrite
- 1445 blue lime
- 1450 crystallite lime
- 1471 lime
- 1477 lime anhydrite
- 1502 grey lime
- 1577 grey lime-little anhy. in last ft.
- 1521 lime-anhy.
- 1541 lime
- 1544 lime-anhy.
- 1560 lime-small amount of gas
- 1613 mixed lime
- 1633 lime
- 1659 lime (very hard)
- 1712 lime
- 1720 sandy lime
- 1723 lime-hard
- 1897 lime
- (At 1890 baled hole 56 inches oil & water)
- 1943 lime (April 23, 1939 drilling ahead)
- 1939 lime
- 1972 sandy lime
- 1983 lime
- 2002 lime R.D. - Dry

T. D. Drt

Pipe: 8 $\frac{1}{2}$ " set at 1015' 2"
8 $\frac{1}{2}$ " underreamed 1036'
10" set at 625'
(put heavy mud back of pipe)
Also 1000# of aqueal

301 anhy. & gyp
 315 lime & anhydrite
 318 shale & anhydrite
 325 lime, hard
 346 gyp
 395 anhy., hard
 430 gyp & anhy.
 455 lime & red bed
 463 anhydrite
 535 red shale & anhy
 559 anhydrite
 582 red shale & anhy.
 600 gyp & anhydrite
 612 gyp & red shale
 625 gyp & anhydrite
 (625' 10" casing)
 630 blue shale
 713 gyp, broken
 725 blue sandy shale
 783 sandy shale & gyp
 812 red shale & gyp
 819 red shale
 873 red shale & gyp
 903 anhydrite
 913 red sand (started underdigging 8")
 922 wet sandy shale & gyp
 950 sand
 962 red shale
 971 lime, broken
 994 red shale & sand
 1027 lime
 1031 sand & lime
 1046 lime
 1053 sandy lime
~~1061 lime~~
 1082 lime
 1100 red rock & lime
 1107 lime & anhydrite
 1123 lime
 1133 sandy lime
 1142 sand
 1147 sand & gyp
 1159 sandy lime & gyp
 1175 lime & red rock
 1198 lime
 1204 lime & red rock
 1225 lime, hard
 1227 sandy lime
 1237 lime, hard
 1239 sand, some of oil & water
 1240 lime shell
 1242 sand, live oil show
 1244 lime
 (1241 to 1243 bailed water)
 1245 sandy lime
 1248 lime
 1250 sandy lime
 1253 sandy lime
 1260 lime, hard
 1264 sandy lime
 1267 sand
 1269 lime sand

1437 lime-anhydrite
 1445 blue lime
 1450 crystalite lime
 1471 lime
 1477 lime anhydrite
 1502 grey lime
 1577 grey lime-little anhy. in last ft.
 1521 lime-anhy.
 1541 lime
 1546 lime-anhy.
 1560 lime-small amount of gas
 1613 mixed lime
 1655 lime
 1659 lime (very hard)
 1712 lime
 1720 sandy lime
 1723 lime-hard
 1897 lime
 (At 1880 bailed hole 35 inches oil & water)
 1948 lime (April 25, 1939 drilling ahead)
 1939 lime
 1972 sandy lime
 1983 lime
 2002 lime R.D. - Dry

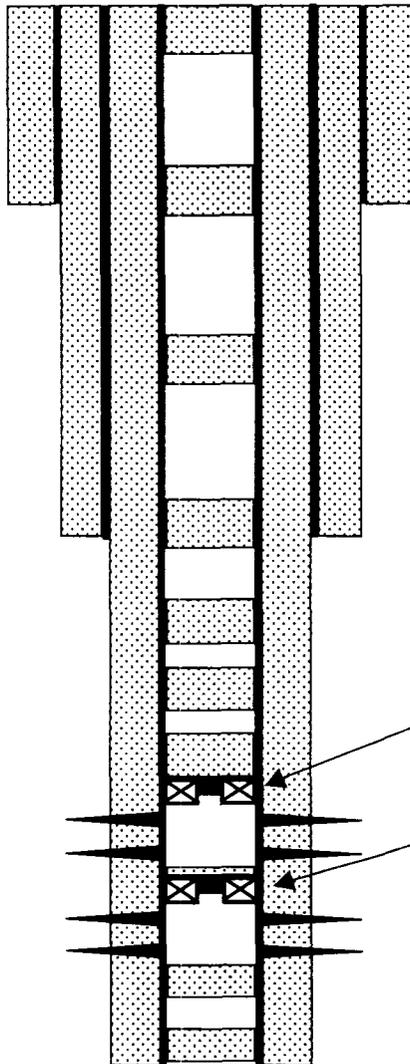
T. D. Drt

Pipe: 8 1/2" set at 1015' 2"
 8 1/2" underreamed 1036'
 10" set at 625'
 (put heavy mud back of pipe)
 Also 1000# of aqual

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Chalk Bluff Draw Unit #1-P		OPERATOR: Exxon		FIELD: Red Lake		
LOCATION: 2055' FSL & 1980' FWL, Sec. 5-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3512' DF			SPUD DATE: 12/1/55	COMP DATE: 3/29/56		
API #: 30-015-00789		PREPARED BY: Karen Byers		DATE: 4/16/56		
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-559'	13 3/8"	48#		8rd	
CASING:	0-3013'	9 5/8"	36#		8rd	
CASING:	0-9500'	5 1/2"	14, 15.5 & 17#		8rd	
TUBING:						
TUBING:						



Cement plug (50 sx) at surface.

Cement plug 450'-610'

13 3/8" @ 559' w/350 sx. TOC @ surface.

Cement plug 1147'-1300'

9 5/8" @ 3013' w/1000 sx. TOC @ surface.

Cement plug 2780'-3070'

Cement plug 4670'-4900'

Cement plug 6006'-6220'

BP in pkr @ 9400' w/65' cmt.

Perforations:

9278'-9360'

Pkr & pkr plug @ 9400' w/1 1/2 sx cmt on top.

9443'-9465'

Cement plug 9471'-9650'

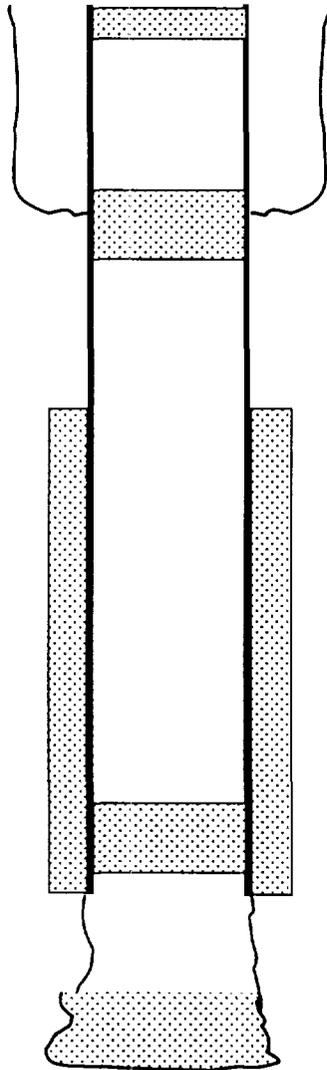
5 1/2" @ 9500' w/2235 sx. TOC @ surface.

TD 10,404 PBD 9471

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: YATES COLLIER FED. #1		OPERATOR: Petroleum Corp of Texas		FIELD: Red Lake		
LOCATION: 2310' FSL & 2310' FEL, Sec. 5-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3494' GL			SPUD DATE: 3/18/50		COMP DATE: 4/20/50	
API #: 30-015-00781		PREPARED BY: Karen Byers			DATE: 8/20/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-515' (pulled)	10"	34.5#		8rd	
CASING:	0-1630'	7"	20#		8rd	
CASING:						
TUBING:						
TUBING:						



Cement plug @ surface (10 sx)

10" @ 515', mudded & pulled

Cement plug @ 530' (50 sx)

Cement plug @ 1600' (90 sx).

7" @ 1630' w/100 sx. TOC @ 1188' (calc).

Open hole completion 1630'-1910'
Shot 1850'-1910' w/201 quarts DuPont S.O.W.E

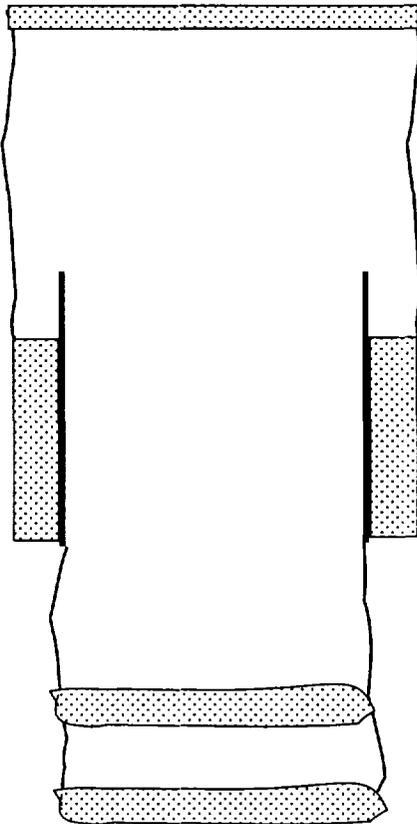
TD 2004' PBD @ 1910'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: VANDERGRIFF #4	OPERATOR: J. E. Simon	FIELD: Red Lake
LOCATION: 1650' FNL & 2310' FWL, Sec. 8-18S-27E	COUNTY: Eddy	STATE: NM
ELEVATION: 3420'	SPUD DATE: 4/9/49	COMP DATE: 5/11/49
API #: 30-015-00831	PREPARED BY: Karen Byers	DATE: 7/30/97

	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1056'	7"				
CASING:						
CASING:						
TUBING:						
TUBING:						



Cement plug (5 sx) @ surface.

Filled casing & hole w/mud, surface w/heavy mud.

7" casing backed off @ +/- 500'

7" csg @ 1055' w/50 sxs cmt. TOC @ 505' (calc).

Open hole 1055'-1215'

Cement plug 1184'-1190'

TD @ 1215' PBD 1200'

Form 9-581a
(March 1962)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-BAR
Approval expires 11-30-64
Las Cruces
Land Office
066075-1
Lease No. **070678**
Unit **F**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO FILL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE OR OTHER DATA)

May 12th, 1949 19

Vandegriff A

Well No. **44** is located **1650** ft. from **N** line and **2310** ft. from **W** line of sec. **8**

SW 1/4 Section 8 **18-South, 27-East** **N.M.P.M.**
(4 Sec. and Sect. No.) (Twp.) (Range) (Meridian)
Sierra Red Lake **Eddy** **New Mexico**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and reported depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

As per my conversation with Mr. Frost, we plugged back to 1200', ran 5 sacks of cement, protecting the oil pay from 1184' to 1190', filled the hole with mud to 850'; knocked off 7" casing, filled casing to top with mud; pulled casing and filled to surface with heavy mud. Set regulation marker with 5 sacks of cement.

U. S. GEOLOGICAL SURVEY
RECEIVED
JUN 10 1949

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **JULIAN E. SINDY**

Address **6 Mildred Bldg.**

Artesia Hotel Bldg.,

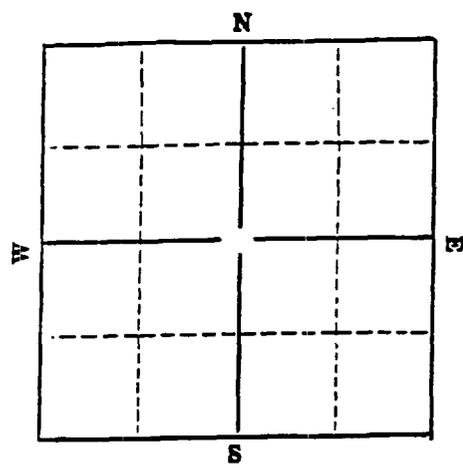
Artesia, New Mexico

By **Wm. H. Jackson**
AGENT

Title _____

SCOUT REPORT

NEW MEXICO OIL CONSERVATION COMMISSION



Company J. E. Simoj Pool Red Lake Dist. 8
 Farm Name Vandergriff Well No. 1
 Sec. 8 Twp. 18 Range 27 County Eddy
 Feet from Line: 1650 N. S. E. 2310 W.
 Elevation 3420 Method _____
 Contractor _____ Land Y-N
 Spudded 4/9/47 Completed 5/14/47

AMOUNT CASING & CEMENTING RECORD

Size	Feet	Sax Cement
7"	1055	50

ACID RECORD

Gals.

	TA	TSA
	TX	TGI
	BX	TTu
	TY	TPenn
	TQ	TEll
	TG	TGr. W
		TGr.
Top Pay		

TUBING RECORD

SHOOTING RECORD

No. of Quarts	From	To
100	1180	1200

PACKER

Date		Date	
APR 6	<i>Red</i>		<i>Bail / 1200</i>
APR 13	<i>200' 70</i>		
APR 18	<i>610 li</i>		
APR 27	<i>170. 1041 li Pumping</i>		
MAR 4	<i>1155 - 4</i>		
MAY 11	<i>70. 1215</i>		
	<i>0. 1200</i>		
MAY 18	<i>70. 1215</i>		
	<i>0. 1200</i>		
	<i>1041 li 70</i>		

petroROM Well Report
 Copyright 1996 by Petroleum Information Corporation
 ----- General Information -----

State : NMEX	Final Status : D&A-O
County : EDDY	Total Depth : 1215
Field : RED LAKE	Spud Date YYYYMMDD: 19490409
Operator Name : SIMON JULIAN E	Comp Date YYYYMMDD: 19490511
Well Number : 4	Hole Direction : VERTICAL
Lease Name : VANDAGRIFF	
API Number : 30015008310000	
Section or Equiv : SEC 8	Init Lahee Class : D
Township : S018	Final Lahee Class: D
Range : E027	Permit Number :
Spot :	Elevation : 3420 (ES)
Base Meridian : NEW MEXICO (21)	
Geologic Province: PERMIAN BASIN	
Formation at TD :	
Oldest Age Pen :	

Producing Formation:

----- Additional Location Information -----

Footage Location : 1650FNL 2310FWL SEC LN
 Location Narrative:

Latitude : 32.76492	Latitude (Bot) :
Longitude : 104.30091	Longitude (Bot) :

Latitude & Longitude Source: USGS

----- Production Tests -----

Test Form	Top	Base	Oil Rate	Gas Rate	Wtr Rate	FTP	BHP	Ck	M	BHT
0001	1056	1200	63 GO							B

Test	Top	Base	Volume Meas	PDT Treatment			Nbr	Agent	Add
				Amount	T/P	PSI			
0001	1180	1201	100 QTS						XPLO

----- Casing Data -----

Size	Depth	Cement
7	1056	50

----- Actual Bottom Hole From Surface Location -----

Meas Depth	True Vert Depth	Closure Ft	N/S E/W	State Code	County Code
		Deg Min	Footage		

----- Actual Bottom Hole Narrative -----

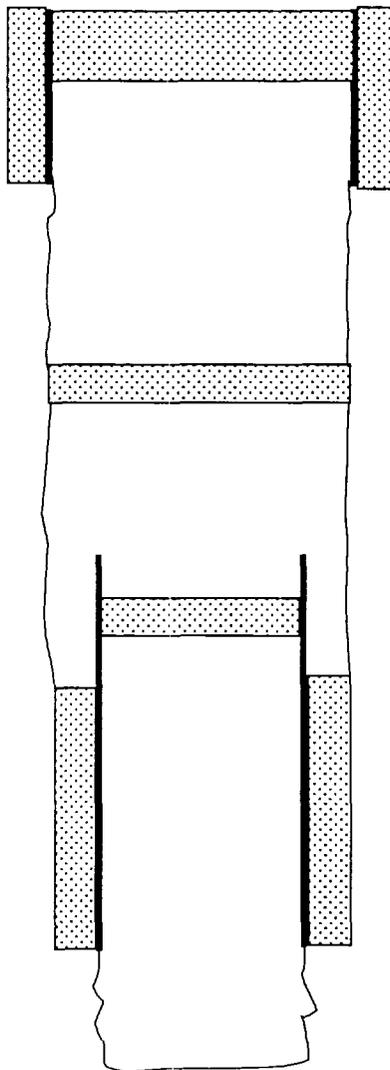
----- Drilling Narrative -----

Date Remarks

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: KAISER #3		OPERATOR: Weier Drilling Co.		FIELD: Red Lake		
LOCATION: 1650' FSL & 1650' FEL, Sec. 7-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3420' GL		SPUD DATE: 11/16/48		COMP DATE: 12/22/48		
API #:	PREPARED BY: Karen Byers			DATE: 8/20/97		
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-114'	9 5/8"	36#		8rd	
CASING:	0-1240'	7"	20#		8rd	
CASING:						
TUBING:						
TUBING:						



Cement plug @ surface.

9 5/8" @ 114' w/50 sx. TOC @ surface (calc).

Cement plug @ 550' (25 sx).

Top of 7" casing @ 693'.

Cement plug 795'-820' (25 sx).

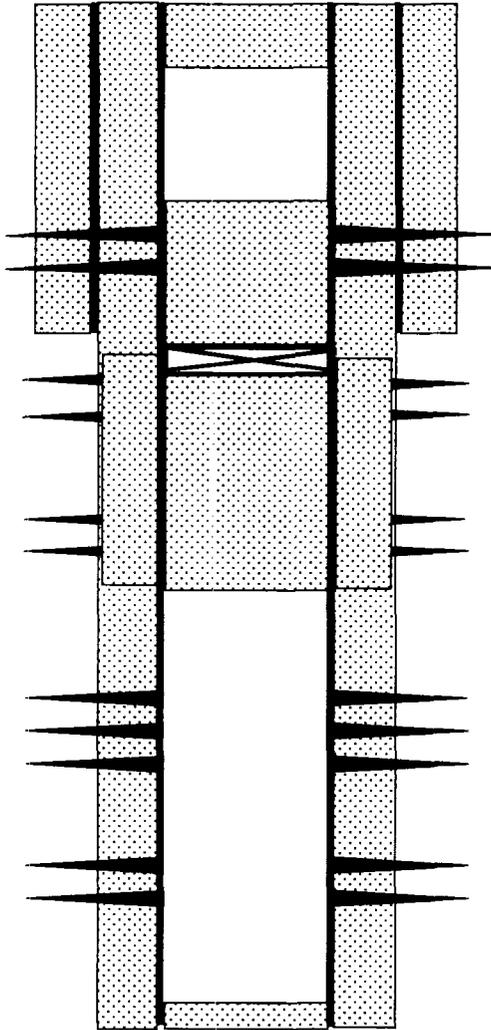
7" @ 1240' w/75 sx. TOC 910' (calc). Cut off and pulled 706' of casing.

TD 1626'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: CHOQUE "AMX" FED. #1		OPERATOR: Yates Petroleum Corp.		FIELD: Red Lake		
LOCATION: 660' FSL & 2310 FEL, Sec. 5-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION: 3423' GR			SPUD DATE: 7/30/93		COMP DATE: 9/1/94	
API #: 30-015-27521		PREPARED BY: Karen Byers			DATE: 7/30/97	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1350'	8 5/8"	24#			12 1/4"
CASING:	0-3950'	5 1/2"	15.5#			7 7/8"
CASING:						
TUBING:						
TUBING:						



8 sxs cement surface - 50'

40 sxs cement 1000'-1375'

8 5/8" @ 1350' w/500 sxs cmt. Circ'd cmt to surface.

Cement retainer @ 1375'

Perforations:

1207'-1239'

1412'-1457' (squeezed)

1822'-1947' (squeezed)

2744'-2770'

2903'-2916'

3462'-3510'

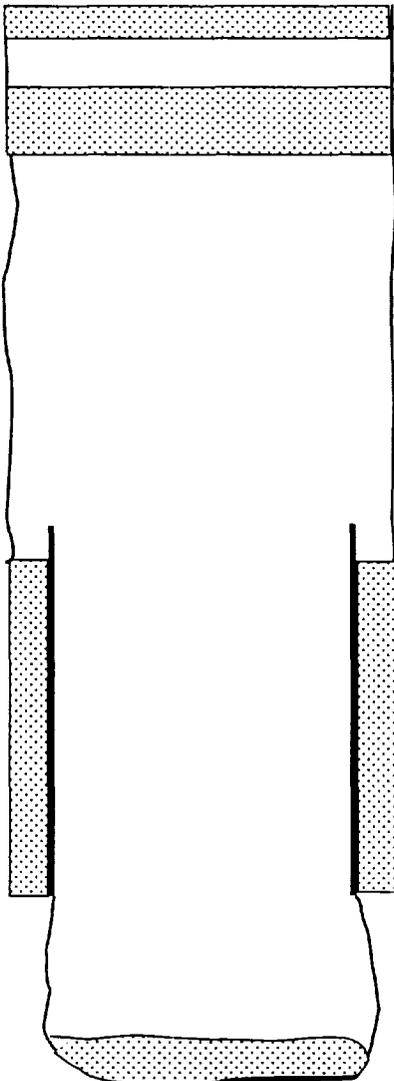
5 1/2" @ 3950' w/830 sxs. Circ'd cmt to surface.

TD @ 3950'

VI Plugged Abandoned Wells

DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: PITCHER FEDERAL #4		OPERATOR: ARCO			FIELD: Red Lake	
LOCATION: 990' FNL & 990' FEL, Sec. 8-18S-27E			COUNTY: Eddy		STATE: NM	
ELEVATION:			SPUD DATE: 5/21/49		COMP DATE: 6/13/49	
API #: 30-015-00829		PREPARED BY: Karen Byers			DATE: 8/20/1997	
	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0-1078'	7"	20#			
CASING:						
CASING:						
TUBING:						
TUBING:						



Cement to surface (5 sx).

Cement plug @ 125' (10 sx)

7" casing shot off @ 815'

7" @ 1078' w/75 sx. Est. TOC @ 820'.

Cement plug @ bottom of hole (10 sx).

TD 1226'

VII Proposed Operation Data:

1. Average daily injection rate – 1000 BWPD
Maximum daily injection rate – 1500 BWPD
2. Type of injection system – closed system.
3. Average injection pressure – 900 psi
Maximum injection pressure – 1200 psi
4. Injection water will be Grayburg/San Andres produced water.
5. Injection is not for disposal purposes.

VIII Geological Data:

1. Geological Name: San Andres formation
2. Lithological Detail: Dolomite
3. Formation Top: 1400'
4. Thickness: 700'
5. Geological data of drinking water zone: Base of near surface aquifer 500'. No fresh water zones exist below the proposed injection interval.

IX Stimulation Program:

Plans are to acidize perforations with 5000 gals 15% NEFE.

X Well Logs:

Copies of current well logs are on file with the Oil Conservation Division.

XI Chemical Analysis of Fresh Water:

There are no fresh water wells within one mile of the proposed injection wells.

XII Affirmative Statement of Open Faults:

No evidence of fault communication between the shallow aquifers and the proposed injection zones has been encountered as the result of detailed studies of formations in the West Red Lake Unit.

XIII “Proof of Notice” and “Proof of Publication”

Surface owner: Bureau of Land Management has been notified of our application by certified letter with a copy of this application attached. Proof of notice to follow.

Offset operators: The offset operators were provided a letter and a copy of our application by certified mail. Copies of the letters are enclosed and proof of notice will follow.

Amoco	Hondo B Fed #1	Sec. 8 L
Arco	Sterling Com #1	Sec. 7 F
Breck	Carter Collier Fed #1	Sec. 5 G
SDX Resources	Eaton Fed #1	Sec. 5 K
Breck	Julia Fed. A #1	Sec. 5 L
Breck	Julia Fed. A #2	Sec. 5 L
Breck	Paton Federal #2	Sec. 6 N
Breck	Julia Fed A #3	Sec. 5 E
Mack	Malco Fed. B #1	Sec. 6 J
Exxon	Chalk Bluff Draw Ut 1	Sec. 5 K
Mewbourne Oil	Peterson Com #1	Sec. 7 J
Breck	Julia Fed. B #1	Sec. 6 I
Yates	Choque "AMX" Fed. #1	Sec. 5 O

Proof of Publication for the Carlsbad Current-Argus is enclosed.

Affidavit of Publication

No 18752

State of New Mexico,
County of Eddy, ss.

Amy McKay,
being first duly sworn, on oath says:

That she is Business Manager
of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the state wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

August 8, 1997
_____, 19____
_____, 19____
_____, 19____
_____, 19____
_____, 19____

That the cost of publication is \$ 35.63,
and that payment thereof has been made and will
be assessed as court costs.

Amy McKay

Subscribed and sworn to before me this

12th day of August, 1997

Ronna Crump

My commission expires 8/1/98
Notary Public

August 8, 1997

Notice is hereby given that Devon Energy Corporation (Nevada) is applying to the New Mexico Oil Conservation Division to convert the following wells located in Eddy County, NM to water injection wells:

West Red Lake #7
990' FNL & 1980' FEL
Sec. 7-18S-27E

West Red Lake #15
2310' FNL & 990' FEL
Sec. 7-18S-27E

West Red Lake #19
1980' FNL & 660' FWL
Sec. 8-18S-27E

West Red Lake #44
840' FSL & 1750' FWL
Sec. 5-18S-27E

West Red Lake #57
280' FSL & 850' FEL
Sec. 6-18S-27E

West Red Lake #60
50' FSL & 1930' FWL
Sec. 5-18S-31E

The intended purpose of these wells is to inject produced waters in the Grayburg/San Andres formation to enhance oil production through secondary recovery. Maximum injection rates of 1500 bwpd and maximum pressures of 1000 psig are expected.

Interested parties must file objections or requests for hearing within 15 days to the following commission:

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Ernie Buttross,
District Engineer
Devon Energy Corporation
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102
(405)552-4509



20 North Broadway, Suite 1500 Telephone:405/235-3611
Oklahoma City, Oklahoma 73102-8260 FAX 405/552-4667

RECEIVED

SEP 22 1997

CERTIFIED MAIL # P 240 501 985

September 16, 1997

Re: Application for Authorization to Inject
West Red Lake Unit #'s 7, 15, 19, 44, 57 & 60
Eddy County, NM

New Mexico Oil Conservation Division
Attn: Ben Stone
2040 S. Pacheco St.
Santa Fe, NM 87505

Enclosed are two copies of proof of notice to offset operators for the Application for Authorization to Inject on the West Red Lake Unit wells referenced above. The original Application for Authorization to Inject was sent to you August 27, 1997 without the proof of notice.

If you have any questions, please contact me at (405) 552-4527.

Sincerely yours,

Devon Energy Corporation (Nevada)

Karen Byers
Engineering Technician

/kb 16
Enclosures (8)

September 10, 1997

CERTIFIED MAIL # Z 397 639 844

**AMOCO Corporation
P. O. Box 3092
Houston, TX 77253-3092**

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers
Karen Byers
Engineering Technician

Enclosures

AAI on ~~West Red Lake~~ Unit #'s 7, 15, 19, 44
57 + 60

SENDER: West Red Lake

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: AMOCO Corporation P. O. Box 3092 Houston, TX 77253-3092	4a. Article Number Z 397 639 844
	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
5. Received By: (Print Name)	7. Date of Delivery SEP 12 1997
6. Signature: (Addressee or Agent) <i>Ernie Buttross</i>	8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt

Postmark or Date
AAI on ~~West Red Lake~~
West Red Lake #
7, 15, 19, 44 57 + 60

Thank you for using Return Receipt Service

August 21, 1997

CERTIFIED MAIL # Z 447 031 432

ARCO Oil & Gas
P. O. Box 1610
Midland, TX 79702-1610

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

Is your RETURN ADDRESS completed on the reverse side?

AAI on: West Red Lake # 7, 15, 19, 44, 57 & 60

SENDER: <input type="checkbox"/> Complete items 1 and/or 2 for additional services. <input type="checkbox"/> Complete items 3, 4a, and 4b. <input type="checkbox"/> Print your name and address on the reverse of this form so that we can return this card to you. <input type="checkbox"/> Attach this form to the front of the mailpiece, or on the back if space does not permit. <input type="checkbox"/> Write "Return Receipt Requested" on the mailpiece below the article number. <input type="checkbox"/> The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
B. Article Addressed to: ARCO Oil & Gas P. O. Box 1610 Midland, TX 79702-1610	4a. Article Number Z 447 031 432	7. Date of Delivery AUG 26 1997
5. Received By: (Print Name) <i>See</i>	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
6. Signature: (Addressee or Agent) X	8. Addressee's Address (Only if requested and fee is paid)	

PS Form 3811, December 1994 Domestic Return Receipt

PS Form 31

Postmark or Date
AAI on: WRL
7, 15, 19, 44, 57 & 60

Thank you for using Return Receipt Service.

August 21, 1997

CERTIFIED MAIL # Z 447 031 433

**Breck Operating Corp
P. O. Box 911
Breckenridge, TX 76424-0911**

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake # 7, 15, 19, 44, 57 + 60

SENDER: <input type="checkbox"/> Complete items 1 and/or 2 for additional services. <input type="checkbox"/> Complete items 3, 4a, and 4b. <input type="checkbox"/> Print your name and address on the reverse of this form so that we can return this card to you. <input type="checkbox"/> Attach this form to the front of the mailpiece, or on the back if space does not permit. <input type="checkbox"/> Write "Return Receipt Requested" on the mailpiece below the article number. <input type="checkbox"/> The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: Breck Operating Corp P. O. Box 911 Breckenridge, TX 76424-0911	4a. Article Number Z 447 031 433	
	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
	7. Date of Delivery AUG 25 1997	
5. Received By: (Print Name)	8. Addressee's Address (Only if requested and fee is paid)	
6. Signature: (Addressee or Agent) <i>X Christa Anders</i>		

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form 3811, December 1994

Domestic Return Receipt

PS Form 3811
Postmark or Date
AAI on: West Red Lake # 7, 15, 19, 44, 57

August 21, 1997

CERTIFIED MAIL # Z 447 031 434

**Exxon Exploration Company
P. O. Box 4778
Houston, TX 77210-4778**

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake # 7, 15, 19, 44, 57 + 60

SENDER: ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: Exxon Exploration Company P. O. Box 4778 Houston, TX 77210-4778	4a. Article Number Z 447 031 434	
		4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
		7. Date of Delivery AUG 25 1997
5. Received By: (Print Name)		8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) X <i>Gen</i>		

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Postmark or Date
AAI on: West Red Lake
7.15.19.44 57 + 60

August 21, 1997

CERTIFIED MAIL # Z 447 031 435

Mewbourne Oil Company
P. O. Box 7698
Tyler, TX 75711-7698

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake 7/15/1997 +60

Is your RETURN ADDRESS completed on the reverse side?	SENDER:		I also wish to receive the following services (for an extra fee):
	<ul style="list-style-type: none"> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered. 		
	3. Article Addressed to:		4a. Article Number
	Mewbourne Oil Company P. O. Box 7698 Tyler, TX 75711-7698		Z 447 031 435
	5. Received By: (Print Name)		4b. Service Type
6. Signature: (Addressee or Agent)		<input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
<i>Ernie Buttross</i> PS Form 3811, December 1994		7. Date of Delivery	
		AUG 25 1997	
		8. Addressee's Address (Only if requested and fee is paid)	

Thank you for using Return Receipt Service.

Postmark or Date
AAI on: WRL
7.15.19. 44.57 +60

Domestic Return Receipt

August 21, 1997

CERTIFIED MAIL # Z 397 639 837

SDX Resources, Inc.
511 W. Ohio Ave, Suite 601
Midland, TX 79701-4338

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake 7, 15, 19, 44, 57 + 60

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: SDX Resources, Inc. 511 W. Ohio Ave, Suite 601 Midland, TX 79701-4338	4a. Article Number Z 379 639 837
	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD
5. Received By: (Print Name)	7. Date of Delivery 8-25-97
6. Signature: (Addressee or Agent) <i>Bonnie Citewater</i>	8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

PS Form 3811

Postmark or Date
AAI on: WRL
7, 15, 19, 44, 57 + 60

Thank you for using Return Receipt Service.

August 21, 1997

CERTIFIED MAIL # Z 397 639 836

**Yates Petroleum Corp.
105 S. 4th, Yates Building
Artesia, NM 88210**

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake 7,15,19,44,57+60

SENDER: ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: Yates Petroleum Corp. 105 S. 4th, Yates Building Artesia, NM 88210	4a. Article Number Z 397 639 836	7. Date of Delivery
5. Received By: (Print Name) <i>Lori Sharon</i>	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
6. Signature: (Addressee or Agent) X	8. Addressee's Address (Only if requested and fee is paid)	

is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Postmark or Date
AAI on WRL
7.15.19 11.4 57+60



20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4667

August 21, 1997

CERTIFIED MAIL # Z 397 639 838

Mack Energy Corporation
P. O. Box 960
Artesia, NM 88211-0960

Gentlemen:

We have enclosed a copy of our Application for Authorization to Inject for the above referenced wells. Our records indicate that you are an offset operator. Please consider this letter as official notification. Please direct inquiries concerning this matter to Ernie Buttross, at (405) 552-4509.

Yours truly,

DEVON ENERGY CORPORATION (NEVADA)

Karen Byers

Karen Byers
Engineering Technician

Enclosures

AAI on: West Red Lake # 7, 15, 19, 44, 57 + 60

SENDER:
 ■ Complete items 1 and/or 2 for additional services.
 ■ Complete items 3, 4a, and 4b.
 ■ Print your name and address on the reverse of this form so that we can return this card to you.
 ■ Attach this form to the front of the mailpiece, or on the back if space does not permit.
 ■ Write "Return Receipt Requested" on the mailpiece below the article number.
 ■ The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
 1. Addressee's Address
 2. Restricted Delivery
 Consult postmaster for fee.

3. Article Addressed to:
 Mack Energy Corporation
 P. O. Box 960
 Artesia, NM 88211-0960

4a. Article Number
Z 397 639 838

4b. Service Type
 Registered Certified
 Express Mail Insured
 Return Receipt for Merchandise COD

7. Date of Delivery
8-25-97

5. Received By: (Print Name)
Sylvia Hendley

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: Addressee or Agent
 Sylvia Hendley

PS Form 3811, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form 3811
Postmark or Date
*AAI on: WRL
7, 15, 19, 44, 57 + 60*