

PMX

9/23/97

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: SOUTHWEST ROYALTIES, INC.

Address: P.O. BOX 11390 MIDLAND, TX 79702 SEP - 8 1997

Contact party: James Blount Phone: 915 686-9927 or 1 800 433-7945

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project?  yes  no  
If yes, give the Division order number authorizing the project SWD 547

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 detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

\* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

\* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: James Blount Title Area Supervisor

Signature: *James Blount* Date: 8-27-97

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

## III. WELL DATA

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

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

## XIV. PROOF OF NOTICE

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

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

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

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

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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.

INJECTION WELL DATA SHEET

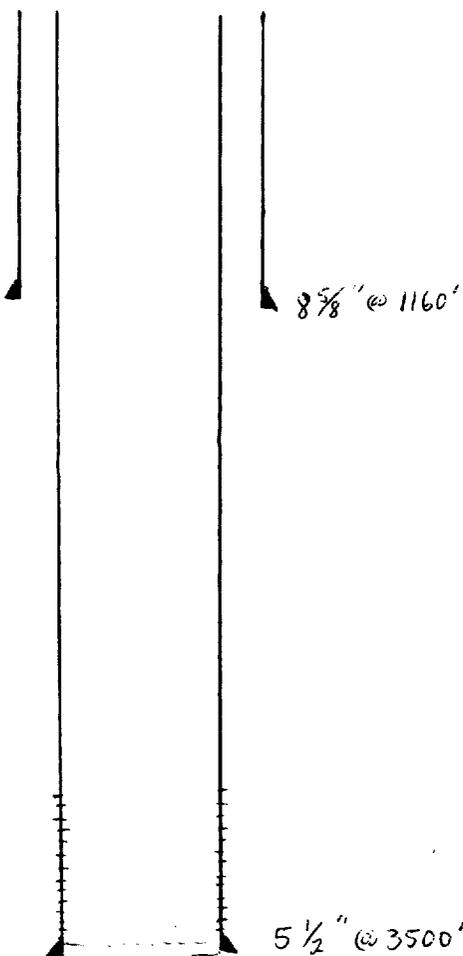
SOUTHWEST ROYALTIES, INC.

EAVES A

30 025 30423

OPERATOR	LEASE			
16	1550' FNL & 2460' FWL	19	26S	37E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic



Tabular Data

Surface Casing

Size 8-5/8" " Cemented with 700 ex.  
 TOC Surf. feet determined by Circ.  
 Hole size 12-1/4"

Intermediate Casing

Size \_\_\_\_\_ " Cemented with \_\_\_\_\_ ex.  
 TOC \_\_\_\_\_ feet determined by \_\_\_\_\_  
 Hole size \_\_\_\_\_

Long string

Size 5-1/2" " Cemented with 1000 ex.  
 TOC 2750 feet determined by TS  
 Hole size 7-7/8"  
 Total depth 3500

Injection interval

2902 feet to 3450 feet  
 (perforated or open-hole, indicate which)

Tubing size 3-1/2" lined with Plastic Coated set in a  
 (material)  
Baker Model AD-1 (Tension) packer at 2850 feet  
 (brand and model)  
 (or describe any other casing-tubing seal).

Other Data

- Name of the injection formation Seven Rivers/Yates
- Name of Field or Pool (if applicable) Scarborough Yates Seven Rivers
- Is this a new well drilled for injection?  Yes  No  
 If no, for what purpose was the well originally drilled? Oil
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) \_\_\_\_\_  
No other Perforations  
Produced through intervals between 2902-3450'.
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_  
Next Higher Formation : Tansill 2726-2901'.  
No underlying oil & gas zones.

Jay E. Cary Anthony, et al (KS) U.S. MI. El Paso Nat.

U.S. MI. U.S. MI. Jay E. Cary Anthony Fed.

Shenara-red U.S.

Chevron  
M.B.P. E.A. Hanson  
B-228 Ramsey St.  
Chevron  
V. Ramsey  
NCT-A  
12  
Frad  
Cooper, 16  
Gulf  
State  
V Ramsey  
State

40132c  
(Pan Amer.) (TPEX Expl. (Amoco) & Saba Ener.)  
(MW Pet.)  
1.4  
1.8  
Mil  
Southwest Roy. 030180  
PIB  
7  
"8"  
3  
2  
5  
40142c  
40182c  
40212c  
(Pan Amer.)  
U.S.  
T/A 3029 "Farnsworth"

Meridian Oil  
26  
LIMIT 030181  
22  
Texaco Moberly TO 3700  
2A  
8  
Armstrong Ener. FA Moberly  
23  
"Rhodes GSU"

Amoco HBP 030180  
Ambett Oil Co. 1058927  
Ambett Oil El Paso Nat. Fed.  
13  
Southwest Roy. (MW Pet.)  
T/A  
(TPEX Expl.)  
(Saba Ener. Farnsworth)  
030180  
(Saba Ener. Farnsworth)  
U.S.  
Jay E. Cary Anthony, et al (KS) wi

40144c  
(Pan Amer.) (TPEX Expl. (Saba Ener.) "B")  
12  
Amoco Farnsworth Fed. TO 5350  
4  
Southwest Roy. (MW Pet.) 030180  
Burlington 4-B 31220  
Stano TO 3245  
40222c  
40232c  
40282c  
9  
"Farnsworth" U.S.  
D.K. Boyd (S)

H.M. Moberly 12-1-97 064019  
Elliott Oil HBP  
Texas Amersada et al 38  
3390 Moberly  
Texaco Meridian Oil (Conrad) Meridian  
HBP "Elliott" "Elliott"  
17  
Texaco 05262  
Meridian Farnsworth Fed  
Moberly El Paso Nat. (El Paso Prod.)  
Tom Linebery (S)

R. Sapin 9-1-95 62247  
Southwest Roy. to 4000' (Conoco, et al)  
"A" 030167  
24  
"McCallister"  
Jay E. Cary Anthony, et al. 3  
U.S. (S)

40402c  
10  
Conoco, et al 030168  
Conoco Eaves B-1  
16  
Conoco Eaves Fed. TO 3300  
Southwest Roy. "A"  
5  
to Seven Rvs. base  
030168 (P/B) 8  
"Eaves" U.S.  
D.K. Boyd (S)

Texaco Amerada Colum. Carbon H.B.P. 030181B  
MOBERLY  
RHODES  
UNIT  
MERIDIAN OIL (OPER.)  
U.S. Moberly  
Tom Linebery (S)

B.M. Barton Tenneco 6-1-2004 93233 3900  
Southwest Roy. to 4000' (Conoco, et al) wi  
030167 "A" Bruno McCallister  
"McCallister"  
Bruno McCallister  
25  
Conoco, et al 030187B  
Langhorn Partners to 3700'  
Bruno McCallister  
U.S.  
Jay E. Cary Anthony, et al (S)

40612c  
14-A  
Southwest Roy. to Seven Rvs. base  
030168  
"12" A"  
wi  
Eaves  
Southwest Roy. to Sev. Rvs. base  
B-1  
3  
030168  
30  
18  
13  
Conoco Eaves B-1  
11  
"Eaves" U.S.

Meridian Oil  
Parker  
Wolfson  
Cash Fed.  
Cit. Serv. Hanzon  
C.S.A. Fed.  
Cit. Serv. Govt.  
TO 3400  
Burleson & Huff  
El Paso Prod. 032604  
Burleson, Huff Dale Fed.  
(R.L. Dale)  
032604  
29  
D. McCosland to 3400' 2F  
(J.L. O'Neil, Jr.)  
029050  
O'Neil  
U.S.

Wells in Area of Review  
Application for Authorization to Inject  
Southwest Royalties, Inc.

**Farnsworth A-7**

Location: 660' FSL & 990' FWL  
Type: Oil

Sec 18, T26S, R37E  
Date Drilled: 5/41  
Total Depth: 3223'

Casing Record:

Size	Depth	Sacks Cement
13"	50'	50
8 5/8"	1228'	400
5 1/2"	2869'	215

Completion:

6/41 OH 2896-2965'.  
1/54 Deepened well to 3223'. Run 400' 4" liner. Perf @ 3188-96'.  
6/62 INPE.  
6/93 Install submersible pump.

**Farnsworth A-9**

Location: 660' FSL & 1663' FWL  
Type: Oil

Sec 18, T26S, R37E  
Date Drilled: 8/63  
Total Depth: 3263'

Casing Record:

Size	Depth	Sacks Cement
8 5/8"	318'	125
5 1/2"	3263'	200

Completion:

8/63 Perf 3215-22'.  
4/70 Added perfs from 2960-3045'.  
8/70 Added perfs from 3182-88'.  
8/94 Squeezed perfs from 2960-3045'. Added perfs from 3143-46'.

Wells in Area of Review  
Application for Authorization to Inject  
Southwest Royalties, Inc.

**Eaves A-6**

Location: 660' FNL & 660' FWL

Type: Oil

Sec 19, T26S, R37E

Date Drilled: 3/50

Total Depth: 3305'

Casing Record:

Size	Depth	Sacks Cement
7 5/8"	1179'	500
5 1/2"	3299'	780

Completion:

3/50 Retainers @ 3283', 3265', 3255', 3237', & 3201' all cemented w/50 sx.  
3/50 Perf @ 3190-3200'.  
9/70 Perf @ 3132-79.  
2/81 Perf @ 3121-96. Ran submersible pump.

**Eaves A-9**

Location: 1980' FNL & 660' FWL

Type: Oil

Sec 19, T26S, R37E

Date Drilled: 9/57

Total Depth: 3250'

Casing Record:

Size	Depth	Sacks Cement
8 5/8"	374'	275
5 1/2"	3250'	1209

Completion:

9/57 Perf 3178-84'.  
2/80 Added perfs from 3120-86'.  
4/93 Added perfs from 3033-85'.  
4/93 Squeezed perfs from 3033-85'.

Wells in Area of Review  
Application for Authorization to Inject  
Southwest Royalties, Inc.

**Eaves A-3**

Location: 2310' FSL & 660' FWL  
Type: Oil

Sec 19, T26S, R37E  
Date Drilled: 2/37  
Total Depth: 3192'

Casing Record:

Size	Depth	Sacks Cement
13"	263'	175
9 5/8"	1563'	450
7"	3087'	400

Completion:

2/37      Comp OH 3087-3192'.  
9/94      Run 5 1/2" String w/pkr set @ 3084' & reacidize.  
9/94      Put on submersible pump.

**Eaves A-7**

Location: 1980' FSL & 2310' FEL  
Type: Injector

Sec 19, T26S, R37E  
Date Drilled: 9/50  
Total Depth: 3450'

Casing Record:

Size	Depth	Sacks Cement
9 5/8"	1159'	465
7"	3215'	740

Completion:

9/50      Perf 3082-96'.  
10/73     TA'd well.  
7/80      Converted to injection.  
6/93      Drill out to 3450'. Continue injection.

**Eaves A-5**

Location : 1980' FSL & 1980' FWL  
 Type : Disposal  
 Original Completion: 2/27/49

Section 19 T26S R37E

Date Drilled: 2/19/49  
 Total Depth 3220'

**Casing Record:**

Size	Depth	Sacks Cement
7 5/8"	1228'	500
5 1/2"	3219'	600

Pay: 3198-3204'; 3207-3213'

**Completion:**

12/65	Placed well on pumping unit
8/71	Perf @ 3112', 17', 25', 37', 42', 52', 65', 77'
1/74	Put Submersible pump
2/5/87	Perf @ 3042'-3104'
2/9/87	Perf @ 2975'-3035'
2/11/87	Perf @ 2937'-68'
6/87	Convert to SWD
11/93	Proposed to sqz perfs & put back on production

**Eaves A-8**

Location : 990' FSL & 2310' FWL  
 Type : Oil  
 Original Completion: 2/15/53

Section 19 T26S R37E

Date Drilled: 2/53  
 Total Depth 3228'

**Casing Record:**

Size	Depth	Sacks Cement
7 5/8"	1190'	440
5 1/2"	3223'	598

**Completion:**

5/53	Perfs @ 3204'-217'
6/60	Perfd @ 2768'-96', 2810'-32', 2848'-64', 2878'-90' Frac w/ 12000 gal crude & 12000# sand
10/85	Squeeze perfs @ 2768'-2890', 3204'-217' Perf @ 3092'-180'
11/85	Perf @ 3092'-180'
2/86	Squeeze perfs @ 3020'-3061' Perf @ 2992'-3010'
11/93	Proposed to install submersible pump.

Wells in Area of Review  
Application for Authorization to Inject  
Southwest Royalties, Inc.

**Eaves B-1 #17**

Location: 2310' FNL & 2310' FEL

Type: Oil

Sec 19, T26S, R37E

Date Drilled: 1/41

Total Depth: 3126'

**Casing Record:**

Size	Depth	Sacks Cement
9 5/8"	1234'	425
7"	2806'	500

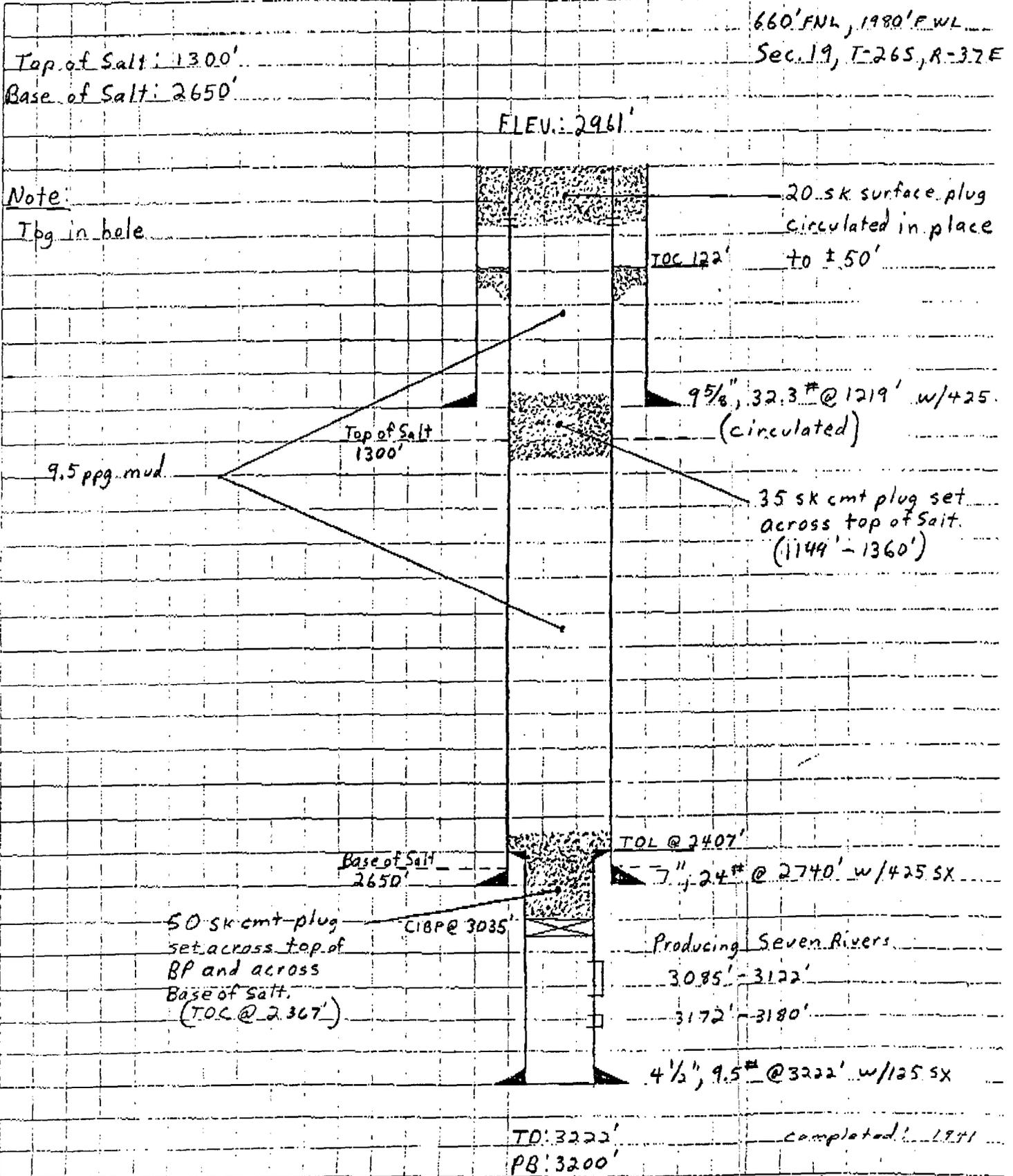
**Completion:**

2/41      Comp OH 2806-3126'.

# EAVES B-1 # 18

SPUD: 5/41

P + Ad: 10/87



(B)

# SOUTHWEST ROYALTIES

PROJECT EAVES A# 4

PAGE \_\_\_\_\_ OF \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

SPUD: 7/47

P + A'd  
12/96

5 SX SURF PLUG

PERF @ 300'  
SQ 20SX IN + OUT

30 SX PLUG 1453-1700'

CMT PLUG 2704-3030'

DO  
11/95 { CIBP @ 2870' w/10' CMT  
CMT RET @ 3085'  
SQ W/100 SX

10 3/4" @ 293' CMTD w/250 SX

PERFS: 2784-2814'  
2829-49'  
2874-2970'  
2987-3037  
5 1/2" @ 3089' CMTD w/500 SX

TD: 3135'

UNICHEM INTERNATIONAL  
P.O. BOX 61427                      4312 County Road 1298 S.  
Midland, Texas 79711

Hal J. Rasmussen

Report Date: September 23, 1993  
Lab In Date: September 22, 1993  
Sample Date: September 17, 1993

WINDMILL LOCATION: 250' FSL / 2500' FWL  
Sec. 19 T26S R37E

Listed below please find our water analysis report from Windmill

Specific Gravity: 1.001  
Total Dissolved Solids: 1018  
PH: 7.81  
Ionic Strength: .020

CATIONS:

			mg/liter
Calcium:	(Ca++)		44
Magnesium:	(Mg++)		44
Sodium:	(Na+)		194
Iron (Total)	(Fe++)		3.10
Barium	(Ba++)		0.00
Manganese:	(Mn++)		.18
Resistivity:			

ANIONS:

Bicarbonate:	(HCO <sub>3</sub> <sup>-</sup> )		368
Carbonate:	(CO <sub>3</sub> <sup>--</sup> )		0
Hydroxide:	(OH <sup>-</sup> )		0
Sulfate:	(SO <sub>4</sub> <sup>--</sup> )		295
Chloride:	(Cl <sup>-</sup> )		73

GASES:

Carbon Dioxide:	(CO <sub>2</sub> )		*****
Oxygen:	(O <sub>2</sub> )		*****
Hydrogen Sulfide:	(H <sub>2</sub> S)		*****

SCALE INDEX (Positive Value Indicates Scale Tendency) \* indicates tests were not run.

	Temperature	CaCO <sub>3</sub> SI	CaSO <sub>4</sub> SI
	86F    30.0C	.55	-21.21
	104F   40.0C	.84	-21.37
	122F   50.0C	.98	-21.37
	140F   60.0C	1.14	-21.21
	168F   70.0C	1.31	-20.25
	176F   80.0C	1.49	-19.07

If you have any questions or require further information, please contact us.

Sincerely,

*Jeanne M. McMurray*

Laboratory Technician

cc:

bc:

Charlie Vaden

VII Proposed Operation

This well will be used to inject produced water from other wells on the Eaves lease via a closed pressure maintenance system.

Proposed average injection rate & pressure: 6000 BWPD @ Vacuum.  
Proposed maximum injection rate & pressure: 10000 BWPD @ 400 psi.

VIII Geological DATA

This produced water will be injected into the Yates/Seven Rivers formation which is located from 3220' to 3340'. The Yates/Seven Rivers formation consists mostly of sand and lime.

The source of underground drinking water in the area is the Ogallala formation (base at  $\pm 196'$ ).

IX Proposed Stimulation

We will drill out CIBP @ 2860' & clean out the wellbore to PBTD @ 3475'. Set Baker Model AD-1 packer at 2850' and acidize with 3000 gallons acid if necessary.

XII I have examined available geologic & engineering data and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

Mailing List

Surface Owner

Mr. D. K. Boyd  
PO Box 11351  
Midland, Texas 79702

Offset Operators

Conoco  
10 Desta Dr., Ste. 100W  
Midland, TX 79705-4500

Burlington Resources  
P.O. Box 51810  
Midland, Tx. 79710-1810

AFFIDAVIT OF PUBLICATION

State of New Mexico,  
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1 weeks.

Beginning with the issue dated

August 28 1997

and ending with the issue dated

August 28 1997



Publisher

Sworn and subscribed to before

me this 28th day of

August 1997



Notary Public.

My Commission expires  
October 18, 2000  
(Seal)

**LEGAL NOTICE  
AUGUST 28, 1997  
APPLICATION TO AMEND  
AUTHORIZATION TO  
INJECT**

Southwest Royalties, Inc., PO Box 11390, Midland, Tx. 79702, (915) 686-9927, is seeking approval from the New Mexico Oil Conservation Division to inject in the Eaves A #16, salt water for pressure maintenance located at 1550 FNL & 2460 FWL Sec. 19, T26S, R37E, Lea County, New Mexico. The proposed injection zone is the Yates/Seven Rivers formation of the Scarborough-Yates Seven River Pool through perforations from 2902-3450'. Southwest Royalties, Inc., intends to inject a maximum of 10,000 BWPD @ 400 PSI.

Interested parties must file objections or requests for hearing with the Oil Conservation Division; PO Box 2088, Santa Fe, New Mexico, 87501 within 15 days.  
#15389

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

01101469000      02509106  
Southwest Royalties, Inc.  
P.O. Box 11390  
a/c# 476043  
Midland, TX 79702

Is your RETURN ADDRESS completed on the reverse side?

- 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.

- extra fee).
- Addressee's Address
  - Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to: <i>Mr D.K. Boyd PO Box 11351 Midland, TX 79702</i>	4a. Article Number <i>P804685898</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
	7. Date of Delivery <i>SEP - 2 1997</i>
5. Received By: (Print Name)	8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) <i>X [Signature]</i>	

PS Form 3811, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

- 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):
- Addressee's Address
  - Restricted Delivery
- Consult postmaster for fee

3. Article Addressed to: <i>Burlington Resources PO Box 51810 Midland, TX 79710-1810</i>	4a. Article Number <i>P804685901</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
	7. Date of Delivery <i>8-29</i>
5. Received By: (Print Name)	8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) <i>X [Signature]</i>	

PS Form 3811, December 1994 Domestic Return Receipt

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- Complete items 1 and/or 2 for additional services.
  - Complete items 3, 4a, and 4b.
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- 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: <i>Conoco 10 Desto Dr Ste. 100W Midland, TX 79705-4500</i>	4a. Article Number <i>P804685900</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
	7. Date of Delivery <i>8-29-97</i>
5. Received By: (Print Name)	8. Addressee's Address (Only if requested and fee is paid)
6. Signature: (Addressee or Agent) <i>[Signature]</i>	

PS Form 3811, December 1994 Domestic Return Receipt

**CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS**

Operator: SW ROYALTY, INC. Well: FAVES 'A' 16

Contact: JAMES BLOUNT Title: AREA SUPERVISOR Phone: 915-686-9927

DATE IN 9-8-97 RELEASE DATE 9-23-97 DATE OUT 10-15-97

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

Original Order: R- 6277  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 NO

**AREA of REVIEW WELLS**

7 Total # of AOR 2 # of Plugged Wells

YES Tabulation Complete YES Schematics of P & A's

YES Cement Tops Adequate NO AOR Repair Required

**INJECTION FORMATION**

Injection Formation(s) YATES / SEVEN RIVERS Compatible Analysis YES

Source of Water or Injectate AREA PRODUCTION

**PROOF of NOTICE**

Copy of Legal Notice  Information Printed Correctly

Correct Operators  Copies of Certified Mail Receipts

NO Objection Received  Set to Hearing \_\_\_\_\_ Date

NOTES: \_\_\_\_\_

**APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YES**

**COMMUNICATION WITH CONTACT PERSON:**

1st Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

2nd Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_

3rd Contact:  Telephoned  Letter \_\_\_\_\_ Date \_\_\_\_\_ Nature of Discussion \_\_\_\_\_