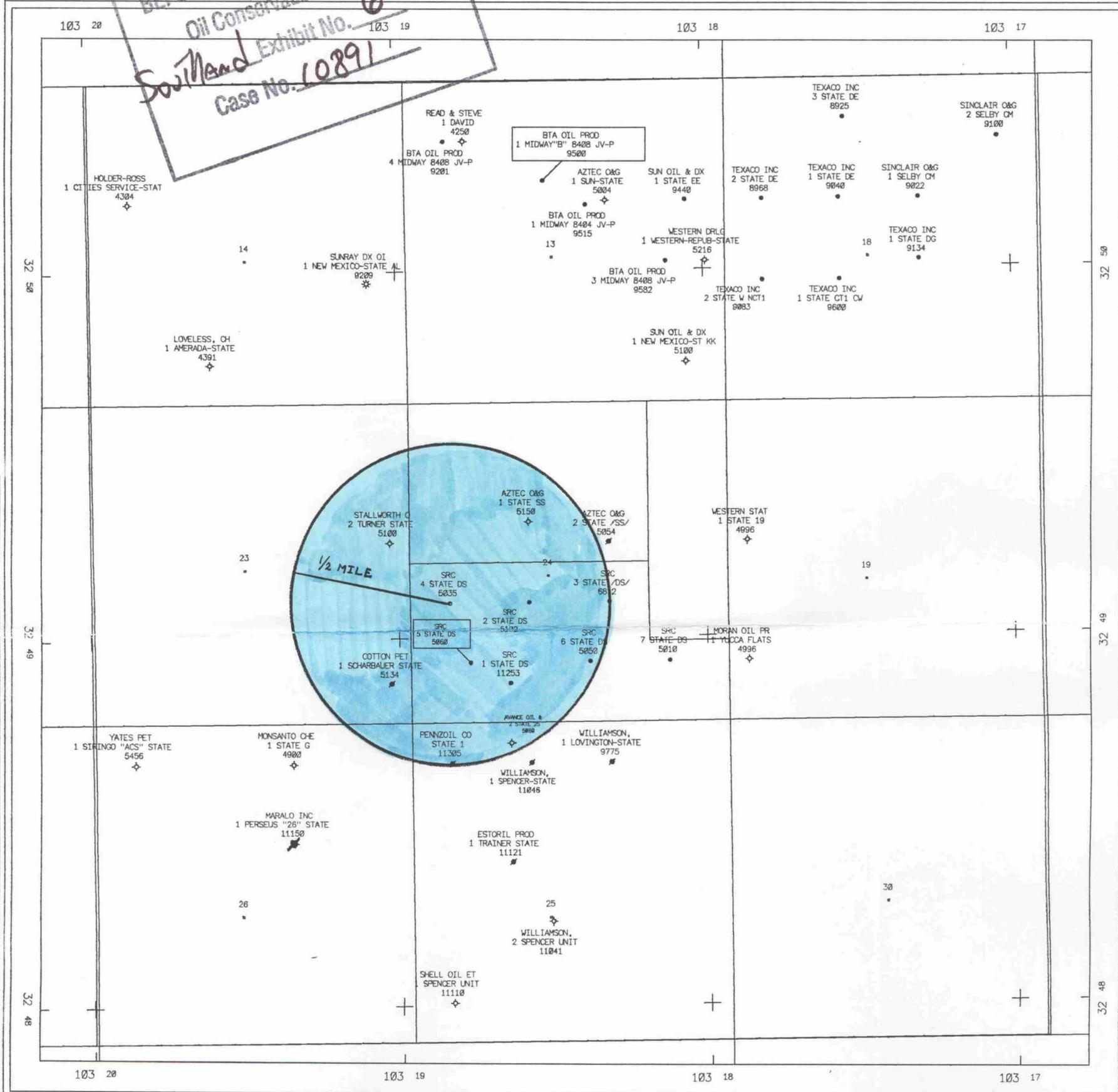


BEFORE EXAMINER
Oil Conservation Division
Southland Exhibit No. 6
Case No. 10891



StatedS28133926 plotter 28-Dec-1993 13:39

StatedS28133926 plotter 28-Dec-1993 13:39

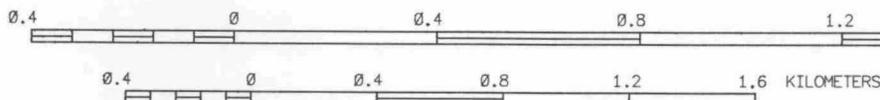
LEGEND

- SYMBOLS
- Dry Hole
 - Oil
 - ☼ Gas
 - ☼ Gas & Cond
 - ☼ Oil-Gas
 - ◆ Dry-Show
 - +
 - ✱ Oil & Gas
 - ✱ J & A
 - ✱ Injection
 - Suspended
 - ✱ Undefined

UNIVERSAL TRANSVERSE MERCATOR

Clarke 1866 ELLIPSOID
 CENTRAL MERIDIAN: -105.000
 LATITUDE ORIGIN: 36.000
 MAP RELATION: None
 USER NAME: kurts HORIZON:

SCALE 1:240000



The following wells are all located in
Section 24, T17S, R36E, NMPM, Lea County:

WELL NAME	FOOTAGE LOCATION	STATUS
Well #2	1980' FSL x 1980' FWL	producing
Well #5	990' FSL x 990 ' FWL	shut-in
Well #6	990' FSL x 2310' FEL	shut-in
Well #7	990' FSL x. 990' FEL	shut-in
Well #4	1980' FSL x 660' FWL	proposed injector

BEFORE EXAMINER
Oil Conservation Division
Southland Exhibit No. 7
Case No. 10891

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: Southland Royalty Company

Address: P.O. Box 51810 Midland, Texas 79710

Contact party: Maria L. Perez, Prod. Asst. Phone: 915-688-6906

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

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

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of flu
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 the receiving formation if other than reinjected produc
5. If injection is for disposal purposes into a zone not prox at or within one mile of the proposed well, attach a ch the disposal zone formation water (may be measured or in literature, studies, nearby wells, etc.).

VIII. Attach appropriate geological data on the injection zone including detail, geological name, thickness, and depth. Give the geologic bottom of all underground sources of drinking water (aquifers cont total dissolved solids concentrations of 10,000 mg/l or less) over injection zone as well as any such source known to be immediately injection interval.

IX. Describe the proposed stimulation program, if any.

X. Attach appropriate logging and test data on the well. (If well log 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: M. P. Gaddis Title Sr. Staff Engineer

Signature: *M. P. Gaddis* Date: 11/22/93

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

BEFORE EXAMINER

Oil Conservation Division

Southland Royalty Co. 8

Case No. 10891

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

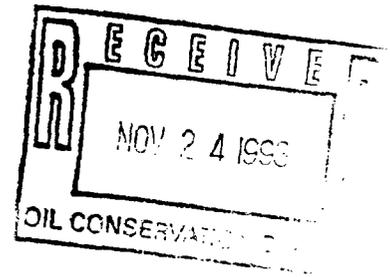
- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates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

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

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

MERIDIAN OIL

November 22, 1993



Oil Conservation Division
P. O. Box 2088
State Land Office Building
Santa Fe, New Mexico 87504-2088

**RE: Application for Authorization to Inject
Southland Royalty Company
State DS No. 4
Spencer San Andres Field
Unit L, Section 24, T17S, R36E
Lea County, New Mexico
State Lease No.: L-200**

Gentlemen:

Southland Royalty Company (SRC) is applying for authorization to convert the above referenced well for the purpose of secondary recovery and requests a hearing on the earliest possible docket for an initial secondary recovery project on this lease. At this time, SRC is also applying for the "recovered oil tax rate" (reduced oil severance tax rate) since this will be a new enhanced recovery project. Attached is an injection well data sheet showing the current and proposed mechanical configuration of this well. A map is also attached showing the one-half mile area of review around the well. The required information from "Form C-108" follows.

The proposed injection well will dispose of water produced from Southland Royalty leases from the San Andres in the Spencer Field. Our estimated initial injection rate will be 500 BPD. The estimated maximum rate is 1000 BPD. We anticipate initial injection pressure to be ± 500 psi, and request an operating maximum pressure of 1000 psi. The closed injection facilities will be equipped with high and low level head switches and will not operate continuously. No deeper aquifers containing usable quality water are known in this area.

III. Well Data

A. 1 through 4. See two attached well data sheets; the first is the existing data; the second is the proposed recompletion data.

- 1) The proposed well:
State DS No. 4
Unit L, 1980' FSL, 660' FWL
Sec. 24, T17S, R36E
Lea County, New Mexico
Lease No.: L-200

s:\env\public\mpg\pub\StDS4com.doc\mpg¹

P.O. Box 51810, Midland, Texas 79710-1810. Telephone 915-688-6800
3300 N. "A" St., Bldg. 6, 79705-5406

2) Surface: 8 5/8", 24# @ 326' in 12-1/4" hole
cement with 215 sx. TOC = Circ. to Surface

Production: 5-1/2", 14# @ 5,035' in 7-7/8" hole
cement with 300 sx. TOC = 3440' by temperature survey

3) Injection Tubing: 2-3/8", 4.7#, internally plastic coated set @ ±4900'.

4) Packer: Guiberson UniV, retrievable, internally and externally
plastic coated set at ±4900"

B. 1) Injection Formation: San Andres

2) Injection Interval: Perforated from: 4964' - 4994'.

3) The well was originally drilled for production of oil and gas

4) There will be no other open intervals in this injection well

5) The next possible higher oil or gas zone is the Queen located at approximately 4159'.
The next possible lower oil or gas zone is a Paddock located at approximately 6600'.

IV. This is not an expansion of an existing Southland Royalty project.

V. Area of Review: See attached plat, one-half mile radius identified

VI. Tabulation of data: Wells within area of review.

Southland Royalty Co., State DS No. 4
Unit L, Sec.24, T17S, R36E, Lea Co. NM
Spud 10/4/69, TD 5035'
8-5/8" @ 326' w/ 215 sx, circulated
5-1/2" @ 5035' w/ 300 sx, TOC @ 3440 by TS
perfed 4964-94', acidize w/ 1000 gal 15% NE acid
completed 10/26/69 for 248 BOPD + 0 BWPD + 84 MCFD

Southland Royalty Co., State DS No. 2
Unit K, Sec.24, T17S, R36E, Lea Co. NM
Spud 8/4/69, TD 5100'
8-5/8" @ 323' w/ 215 sx, circulated
5-1/2" @ 5099' w/ 465 sx, TOC @ 3240' by TS
perfed 4944-5008', acidize w/ 1000 gal 15% NE acid
completed 8/22/69 for 216 BOPD + 0 BWPD + 130 MCFD

Southland Royalty Co., State DS No. 3
Unit J, Sec.24, T17S, R36E, Lea Co. NM
Spud 9/11/69, TD 5061'
8-5/8" @ 331' w/ 225 sx, circulated
5-1/2" @ 5050' w/ 325 sx, TOC @ 3510' by TS

perfed 5004-14', acidized 500 gal, squeeze w/ 50 sx
perfed 4925-66', acidized w/ 500 gal
completed 10/20/69 for 78 BOPD + 8 BWPD + 0 MCFD
deepen to 6794', set 3-1/2" liner 4985 - 6794' w/ 175 sx.
TOC @ 5050' by TS, squeeze liner top w/ 150 sx
perf 6653-77, acidize w/ 1500 gal, squeeze w/ 50 sx.
perf 6414-24, acidize w/ 1000 gal, squeeze w/ 50 sx
perf 6558-80', acidize w/ 2500 gal, squeeze w/ 50 sx
perf 5360-75', acidize w/ 500 gal, squeeze w/ 50 sx
perf 4932-66', acidize w/ 500 gal, squeeze w/ 75 sx
perf 6476-6680', acidize w/ 2000 gal, frac w/ 30,000 gal + 30,000 lbs
completed 9/21/74 5 BO + 0 BW + 0 MCFD

Southland Royalty Co., State DS No. 1
Unit N, Sec.24, T17S, R36E, Lea Co., NM
Spud 5/19/69 TD 11,253'
13-3/8" @ 361' w/ 350 sx, circulated
8-5/8" @ 5300' w/ 460 sx, TOC calc @ 2911' (11" hole, 1.32 cu.ft/sx)
spot 35 sx plug @ 11,210' Devonian
spot 25 sx plug @ 9,750' Penn
spot 25 sx plug @ 8,850' Abo
spot 25 sx plug @ 6,200' Glorieta
set CIBP @ 5,230' + 1sx cement
perf 5186-90', acidize w/ 250 gal, squeeze w/ 30 sx
perf 5130-42', acidize w/ 500 gal, squeeze w/ 71 sx
perf 5080-90', acidize w/ 500 gal, squeeze w/ 75 sx
perf 4988-5030', acidize w/ 1000 gal
completed 7/21/69 for 192 BOPD + 0 BWPD + 124 MCFD
squeeze perf 4988-5030' w/ 406 sx
perf 4948-94', acidize w/ 500 gal, set CIBP @ 4930'.

Southland Royalty Co., State DS No. 5
Unit M, Sec.24, T17S, R36E, Lea Co. NM
Spud 12/13/69, TD 5060'
8-5/8" @ 340' w/ 220 sx circulated
5-1/2" @ 5060' w/ 300 sx, TOC @ 3460' by TS
perf 5006-10', acidize w/ 1000 gal
completed 12/31/69 for 230 BOPD + 0 BWPD + 96 MCFD
squeeze perfs 5006-10' w/ 200 sx
perfed 4980-94', acidize w/ 1000 gal, squeeze w/ 50 sx
perfed 4934-72', acidize w/ 2500 gal.

Southland Royalty Co., State DS No. 6
Unit O, Sec.24, T17S, R36E, Lea Co., NM
Spud 12/26/69, TD 5060'
8-5/8" @ 332' w/ 215 sx, circulated
5-1/2" @ 5050' w/ 300 sx, TOC @ 3521' by TS
perf 4980-88', acidize w/ 1634 gal
completed 1/10/70 for 480 BOPD + 0 BWPD + 0 MCFD

squeeze perms 4940-88' w/ 200 sx
perfed 4890-4956', acid w/ 500 gal

Southland Royalty Co., State SS No. 1
Unit F, Sec.24, T17S, R36E, Lea Co.,NM
Spud 8/21/69, TD 5150'
8-5/8" @ 332' w/ 225 sx, circulated
5-1/2" @ 5150' w/ 390 sx, TOC @ 3360' by TS
perfed 5112-16', acid w/ 500 gal, squeeze w/ 12 sx
perfed 5067-78', acid w/ 1000 gal, squeeze w/ 75 sx
perfed 5032-48', acid w/ 1000 gal, squeeze w/ 100 sx
perfed 4166-90', acidize w/ 2000 gal, squeeze w/ 150 sx
perfed 3928-50', acidize w/ 1000 gal, squeeze w/ 150 sx
perfed 5112-32, acidize w/ 4000 gal
completed 1/15/70 as an SWD well
Acidize w/ 1000 gal, Acidize w/ 1500 gal.

Stallworth Oil and Gas Turner State No. 2
Unit H, Sec. 23, T17S, R36E, Lea Co., NM
Spud 3/17/74, TD 5185'
8-5/8" @ 351' w/ 225 sx, TOC calc @ surface (12-1/4" hole, 1.32 cu.ft/sx)
35 sx plug @ 5185', 35 sx plug @ 4945'
35 sx plug @ 2104', 10 sx plug @ surf
P&A 4/20/74

Cotton Petroleum Co. Scharbauer State No. 1
Unit P, sec. 23, T17S, R36E, Lea Co., NM
Spud 1/13/81, TD 5140'
8-5/8" @ 365' w/ 180 sx, TOC calc @ surface (12-1/4" hole, 1.32 cu.ft/sx)
5-1/2" @ 5140' w/ 1270 sx, TOC calc @ surface (7-7/8" hole, 1.32cu.ft/sx)
perfed 5086-96', acidize w/ 750 gal, set CIBP @ 5050'
perfed 4975 - 5030', acidize w/ 750 gal, set CIBP @ 5010'
perfed 4952-60', squeeze w/ 300 sx
re-perf 4952-60', acidize w/ 750 gal
completed 5/20/81 for 10 BOPD + 16 BWPD + 4 MCFD
set CIBP @ 4980', perfed 3200 - 46', acidize w/ 500 gal
20 sx plug 3400 - 3500', set CIBP @ 3180' + 5 sx
20 sx plug 1900 - 2000', 10 sx plug @ surface

Avance Oil & Gas Co. State 25 No. 2
Unit C, sec.25, T 17S, R36E, Lea Co. NM
Spud 12/1/69, TD 5068'
8-5/8' @ 372' w/ 275 sx, TOC calc @ surface (12-1/4" hole, 1.32 cu.ft/sx)
4-1/2" @ 5067' w/ 200 sx. TOC @ 3980' (7-7/8" hole, 1.32cu.ft/sx)
perf 4954-5006', Acidize w/ 3000 gal
cut and pull csg @ 3950',. 25 sx plug 4635-4950'
25 sx plug 3875-3950', 25 sx plug 885-960'
25 sx plug 312-372', 10 sx plug @ surf.

Texas Crude, Inc., C. W. Trainer 25 State No. 1
formerly Pennzoil Company State 25 No. 1
Unit D, sec. 25, T17S, R36E, Lea Co., NM
re-entered 12/1/72, TD 11,305'
ran DSTs 6645-7010'
40 sx plug 6455-6600', 40 sx plug 5465'-5600'
40 sx plug 4655-4790', cut and pull 8-5/8" csg @ 1020'.
50 sx plug 950-1050', 50 sx plug 240'-340',
10 sx plug @ surface

VII. Proposed Operation:

1. Estimated average initial injection rate is 500 BWPD.
Estimated maximum daily rate 1000 BPD.
2. This will be a closed system.
3. Estimated average injection pressure is 500 psi. Maximum estimated operating pressure is 1000 psi.
4. The source of the injected water is the produced water from the San Andres. Since produced water is being re-injected into the San Andres, no incompatibility is expected. See attached water analysis
5. Water injection will be into a zone currently productive of oil and gas.

VIII. Geological Data

The proposed zone for injection is the San Andres formation at 4900'. This Permian Age reservoir is an anticlinal structure composed of nearly 100% dolomite containing some oolites, fractures and anhydritic inclusions. The average porosity throughout the reservoir runs 6.1% though most of it comes in the form of secondary porosity (vugs and fractures). The San Andres in this area can average over 800 in gross thickness. Since an oil/water contact does exist in the reservoir, the net thickness averages approximately 70'.

There are no known underlying sources of potable water below the San Andres. The only fresh water sources located above are from an approximate depth of 100-150'.

IX. Proposed Stimulation

The proposed stimulation program is a 3000 gallon treatment of 15% NEFE HCl acid.

X. Log Data

Log section is attached with proposed interval indicated.

XI. Fresh Water Analysis

The only fresh well found within 1 mile of the proposed injection well was located in Unit D, Sec.25, T17S, R36E of Lea County, NM. A sample was taken from the well on 9/3/93 with the analysis herein attached.

XII. Hydrologic Communication

There is no known evidence of faulting or other hydrologic communication between potential fresh water aquifers and the desired injection zone.

XIII. Proof of Notice

The offset operators and surface owner were notified by certified return receipts on November 22, 1993.

Proof of Notice is attached.

XIV. Certification

Certification is on Form C-108.

If you need any additional information or if you have any questions, please contact M.P. Gaddis at 915/688-6850.

Sincerely,



M.P. Gaddis
Sr. Staff Engineer

MPG/mp
enclosures

xc: OCD-Hobbs
Hobbs Field Office
Well File
Land Dept.

Production Engineering
Reservoir Engineering
Joint Interest
Maria Perez (6)

**State DS No. 4
Unit L, Sec. 24, T17S, R36E
Lea County, New Mexico
Southland Royalty Company**

The following Offset Operators, Surface Owners and Mineral Interest Owners within open areas, within a one-half mile radius were notified by certified return receipt on November 22, 1993:

Maralo, Inc.
Five Post Oak Park
Suite 1010
Houston, TX 77027

Marshall & Winston, Inc.
P. O. Box 50880
Midland, TX 79710

Norma Barton
P. O. Box 729
Hobbs, NM 88240

Yates Petroleum Corp.
105 South 4th Street
Artesia, NM 88210

Oxy USA, Inc.
P. O. Box 50250
Midland, TX 79710

John T. Stallings
P. O. Box 685
Creedmor, NC

Ken McPeters
P. O. Box 1860
Hobbs, NM 88240

E. L. Latham Co.
P. O. Box 1392
Hobbs, NM 88241

The Moran Partnership
1000 E. Walker Drive
Hobbs, NM 88241

Howell Spears
P. O. Box 4246
Gulfport, MS 39501

Roy G. Barton & Opal
Barton Revocable Trust
Roy G. Barton, Jr, Trustee
P. O. Box 978
Hobbs, NM 88241,

Roy G. Barton, Jr.
P. O. Box 978
Hobbs, NM 88241

Elbert Damon Shipp
& Suzy Laverne Shipp
1104 Ave. J. West
Lovington, NM 88260

Alan Jochimsen
2402 Cimmaron
Midland, TX 79705

Charles Doombas, Trustee
Charles F. Doombas
Revocable Trust
P. O. Box 639
Bartlesville, OK 74005

Cross Timbers Oil Co. L.P.
810 Houston St., Ste. 2000
Fort Worth, TX 76102

James Ronald Ewing
700 East 9th St., Apt. 11K
Little Rock, AR 72202

The Beveridge Co.
P. O. Box 993
Midland, TX 79702

Surface Owner

Dorothy T. Scharbauer
P. O. Box 1471
Midland, Texas 79702

Newspaper

Hobbs News Sun
201 N. Thorp
Hobbs, NM 88241
(505) 393-2123

AFFIDAVIT OF PUBLICATION

RECEIVED

State of New Mexico,
County of Lea.

OCT 25 1993

PROD. SERV.

I, Kathi Bearden

General Manager

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

of _____

one weeks.

Beginning with the issue dated

October 20, 1993

and ending with the issue dated

October 20, 1993

Kathi Bearden
General Manager

Sworn and subscribed to before

me this 21 day of

October, 1993

Margine Perrin
Notary Public.

My Commission expires

March 15, 1997

(Seal)

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

Hobbs Daily News-Sun
P.O. Box 860
Hobbs, New Mexico 88241-0860

LEGAL NOTICE
October 20, 1993
Southland Royalty Company, P.O. Box 5160, Midland Texas 79710.
Contact party: Maria Perry (915)886-0800
Application with the Oil Conservation Division in Santa Fe, New Mexico to authorize to inject salt water into State DS No. 1000 in the L. 1980 FSN's 660 FWS sec. 24, T17S, R36E, Lea County, New Mexico. The proposed injection will inject water produced from the San Andres formation in the Spence Field into the San Andres formation 4964-94'. Estimated initial injection rate will be 500 BWPD. The estimated maximum injection rate is 800 BWPD. Anticipated injection pressure is 1000 psi per day and estimated minimum injection rate is 1000 pounds per inch.
Interested parties must objections or request hearing with the Conservation Division, 2068, Santa Fe, New Mexico 87501, within 30 days.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

INJECTION WELL DATA SHEET

SIDE 1

Southland Royalty Company		State DS		
OPERATOR	LEASE			
4	1980' PSL, 660' FWL	24	17-S	36-E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Schematic

Tubular Data

Surface Casing

Size 8-5/8 " Cemented with 215 sx.
 TOC surface feet determined by circulation
 Hole size 12-1/4"

Intermediate Casing

Size _____ " Cemented with _____ sx.
 TOC _____ feet determined by _____
 Hole size _____"

Long String

Size 5-1/2 " Cemented with 300 sx.
 TOC 3440' feet determined by temp. survey
 Hole size 7-7/8"
 Total Depth 5035'

See Attached Diagram

Injection Interval

4964 feet to 4994 feet
 (perforated or open-hole, indicate which)

INJECTION WELL DATA SHEET

SIDE 2

Tubing size 2-3/8" lined with plastic coated set in a
(material)
Guiberson UniV or equiv. packer at +/- 4900 feet
(brand and model)
(or describe any other casing-tubing seal).

OTHER DATA

1. Name of the injection formation San Andres

2. Name of Field or Pool (if applicable) Spencer

3. Is this a new well drilled for injection? YES X NO

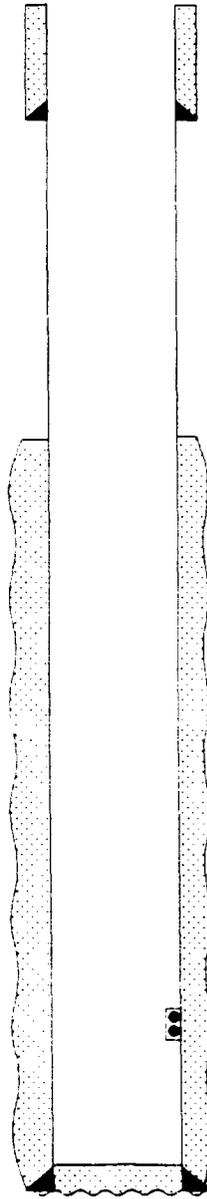
If no, for what purpose was the well originally drilled? oil producer

4. 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

5. Give the depth to and name of any overlying and/or gas zones (pools) in this area.
No overlying zones above or gas zones below.

MERIDIAN OIL

FIELD: Spencer (San Andrea) DATE SPUD: 10/4/66 COMP: 10/26/69
LEASE: STATE DS WELL NO. 4 ELEVATION: 3,908' G.L.
LOCATION: 1,990' PBL & 690' FWL; SEC. 24, T-17-S, R-36-E
Lea County, New Mexico



8 5/8", 24# @ 326'
CEMENT W/ 215 ex
TOC: SURFACE (Circ.)
in 12-1/4" Hole

TOC @ 3,440' by temp. survey

San Andrea Perfs:
4,984'-84'

30'

5 1/2", 14# @ 5,035'
Cement w/ 300 ex "C"
in 7 7/8" Hole

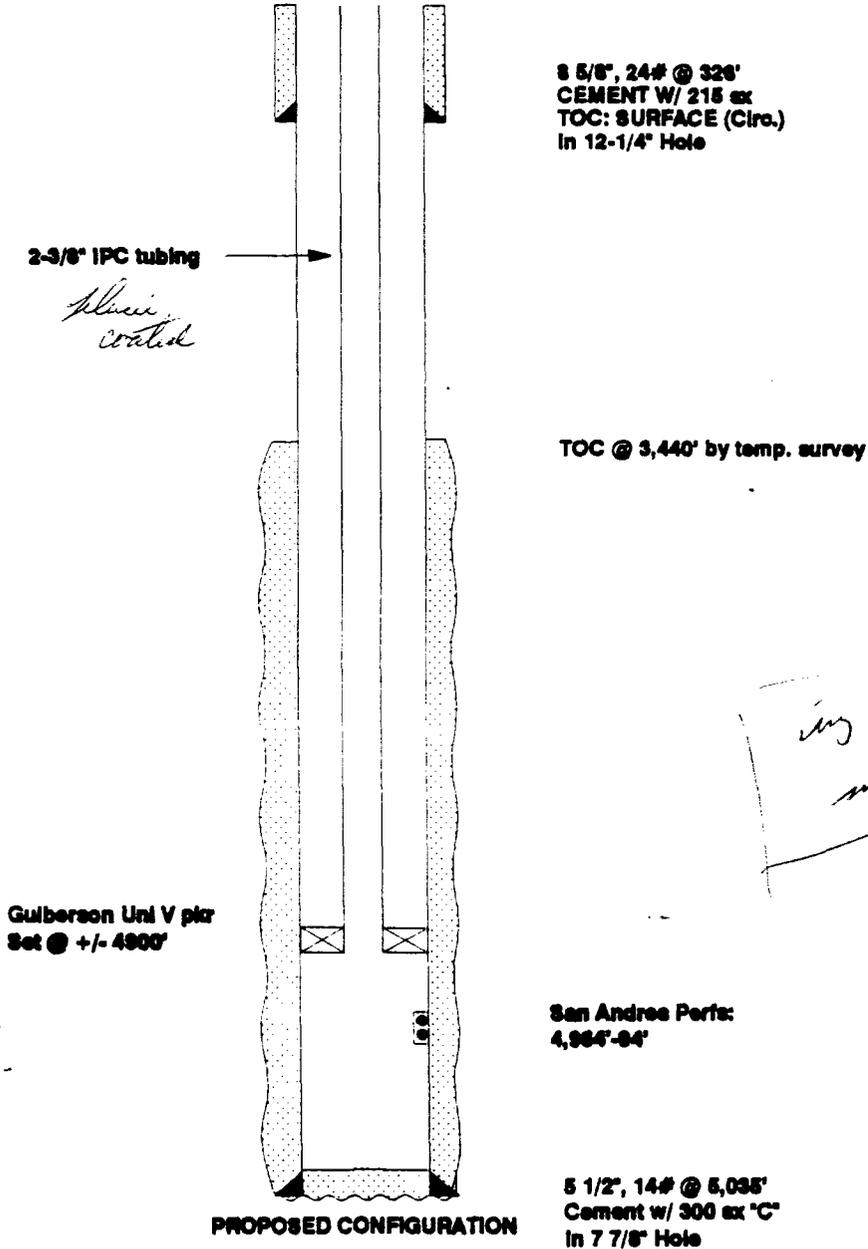
CURRENT CONFIGURATION

TD: 5,035'
PBTD: 5,014'

JRG/D84
06/25/93

MERIDIAN OIL

FIELD: Spencer (San Andres) DATE SPUD: 10/4/69 COMP: 10/26/69
 LEASE: STATE D6 WELL NO. 4 ELEVATION: 3,808' G.L.
 LOCATION: 1,980' P8L & 660' FWL; SEC. 24, T-17-S, R-36-E
Lea County, New Mexico



2-3/8" IPC tubing

Alumina coated

8 5/8", 24# @ 326'
 CEMENT W/ 215 ex
 TOC: SURFACE (Circ.)
 In 12-1/4" Hole

TOC @ 3,440' by temp. survey

Gulberson Uni V ptr
 Set @ +/- 4900'

San Andres Perfs:
 4,964'-64'

*ing 500 BWPP
 max of 1000 BWPP*

5 1/2", 14# @ 5,035'
 Cement w/ 300 ex "C"
 In 7 7/8" Hole

PROPOSED CONFIGURATION

TD: 5,035'
 P8TD: 5,014'

JRG/D84
 06/15/98

RESULT OF WATER ANALYSES

TO: Ms. Karen Burns LABORATORY NO. 9939
P. O. Box 51810, Midland, TX 79710 SAMPLE RECEIVED 9-3-93
 RESULTS REPORTED 9-3-93

COMPANY Meridian Oil Company LEASE State "DS"

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Produced water - taken from State "DS".
- NO. 2 Raw water - taken from windmill #1.
- NO. 3 _____
- NO. 4 _____

REMARKS: 1. San Andres

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 80° F.	1.0121	1.0017		
pH When Sampled				
pH When Received	6.80	7.52		
Bicarbonate as HCO ₃	1,684	220		
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	3,850	238		
Calcium as Ca	1,010	81		
Magnesium as Mg	322	9		
Sodium and/or Potassium	3,517	19		
Sulfate as SO ₄	579	54		
Chloride as Cl	6,747	31		
Iron as Fe	2.2	1.1		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	13,858	413		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen				
Hydrogen Sulfide	954	0.0		
Resistivity, ohm/cm at 77° F.	0,540	22.0		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Total Dissolved Solids @ 180°C.	13,100	396		

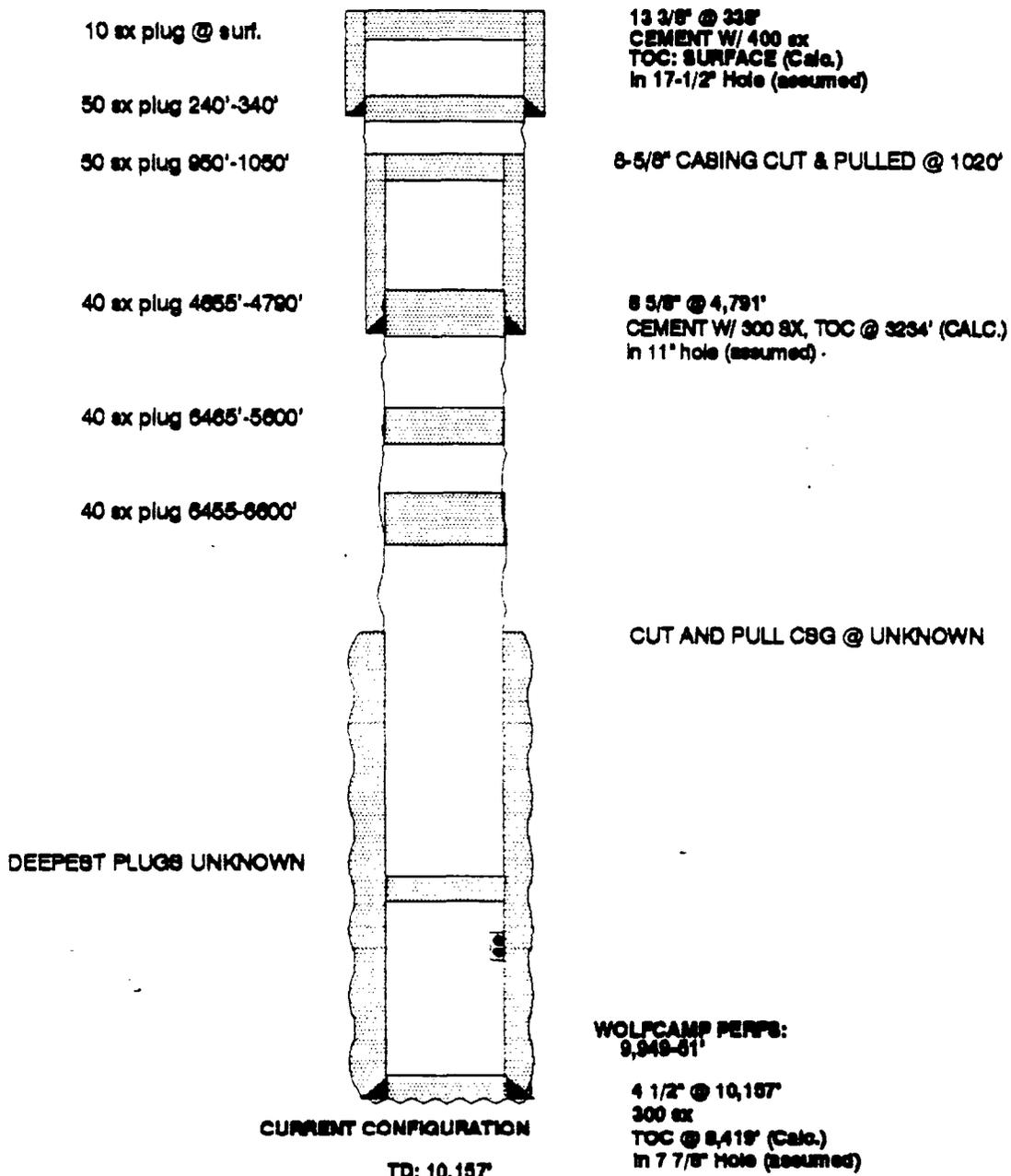
Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

By Waylan C. Martin, M.A.

TEXAS CRUDE INC.

FIELD: SPENCER (DEVONIAN) **DATE SPUD:** 11/24/72 **COMP:** 12/1/72
LEASE: C.W. TRAINER 25 STATEWELL NO. 1 **ELEVATION:** 3,806' G.L.
LOCATION: 660' PNL & 660' FWL; SEC. 25, T-13-S, R-32-E
Lea County, New Mexico

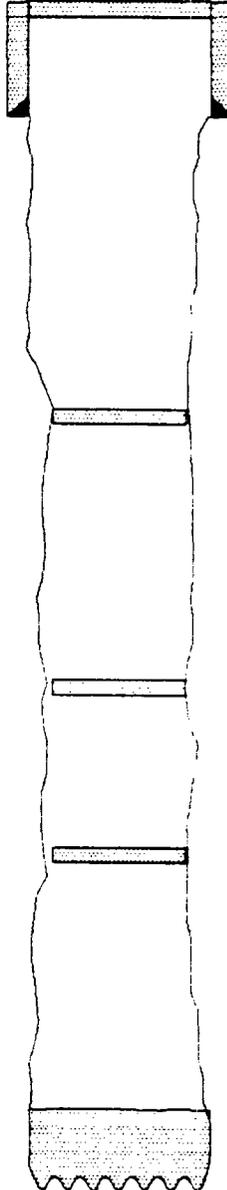


JRG/TXCRDL
09/2/83

STALLWORTH OIL & GAS

FIELD: Spencer (San Andres) DATE SPUD: 3/18/74 COMP: 4/6/74
LEASE: TURNER STATE WELL NO. 2 ELEVATION: 3,814' G.L.
LOCATION: 2310' FNL & 230' FEL; SEC. 22, T-17-S, R-36-E
Lee County, New Mexico

10 SX SURF.- 68'



8 5/8" @ 381'
CEMENT W/ 225 cc
TOC: SURFACE (CIRC.)
in 11" Hole

35 SX 1970'-2104'

35 SX 3215'-3352'

35 SX 4808'-4945'

35 SX 5048'-5185'

CURRENT CONFIGURATION

in 7 7/8" Hole

TD: 5,185'

JRG/TURST.
09/23/83

AVANCE OIL & GAS

FIELD: Spencer (San Andres) **DATE SPUD:** 12/1/69 **COMP:** 2/2/70
LEASE: STATE 25 **WELL NO.:** 2 **ELEVATION:** 3,805' G.L.
LOCATION: 330' PNL & 1650' FWL; SEC. 25, T-17-S, R-36-E
Lee County, New Mexico

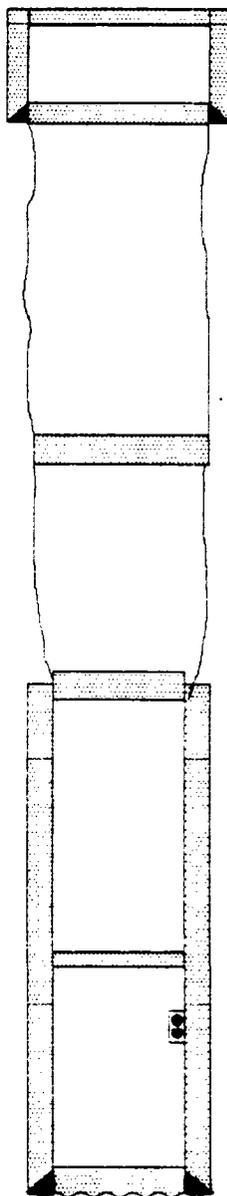
10 SX SURF.-85'

25 SX 312'-372'

25 SX 885'-930'

25 SX 3675'-3950'

25 SX 4635'-4900'



6 5/8" @ 372'
CEMENT W/ 275 ex
TOC: SURFACE (CALC.)
in 12-1/4" Hole (assumed)

TOC @ 3950' (calc.)

Cut & pull casing @ 3950'

San Andres Perfs:
4,954'-5005'

4 1/2" @ 5,088'
Cement w/ 200 ex
in 7 7/8" Hole (assumed)

CURRENT CONFIGURATION

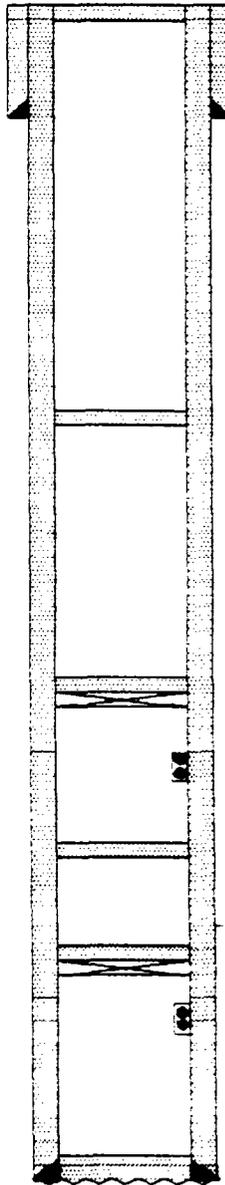
TD: 5,088'

JRC/AV:1
09/21/83

COTTON PETROLEUM

FIELD: Spencer (San Andree) - **DATE SPUD:** 1/13/81 **COMP:** 5/20/81
LEASE: SCHARBAUER STATE **WELL NO.:** 1 **ELEVATION:** 3,814' G.L.
LOCATION: 660' PBL & 230' FEL; SEC. 23, T-17-S, R-36-E
Lea County, New Mexico

10 SX SURF.-85'



8 5/8" @ 200'
CEMENT W/ 180 ex
TOC: SURFACE (CALC.)
In 12-1/4" Hole (assumed)

20 SX 1900'-2000'

TOC @ surface (calc.)

CIBP @ 3180' + 5 SX

YATES PERFS
3200'-46'

20 SX 3400'-3600'

CIBP @ 4080' + 5 SX

San Andree Perfs:
4,952'-60'

CURRENT CONFIGURATION

5 1/2" @ 3,140'
Cement w/ 1270 ex
In 7 7/8" Hole (assumed)

TD: 5,140'

JRG/CHHTL
09/21/83

STATE'S C-108 FORM

MA
12/7/93

STATE ENGINEER, ROSWELL, N.M.

Location of Fresh Water Wells ^{within 1/2 mile} around the
PROPOSED WIW in UNIT L, Sec 24, T17S, R36E
Lea Co., N.M. SE Livingston

9:25 505-622-6521 {DON ERBINA-}

- ONE MILE RADIUS AROUND PROPOSED WIW:
 - How many fresh water wells? (active)
 - How deep

5:06
pm

PER DON ERBINA, THERE ARE 6 POSSIBLE FRESH WATER WELLS

1. T17S, R36E, SEC 14

SW/4, NW/4, NE/4, NW/4, SE/4

1/23/86 Depth of water (to top) = 35.97'

2. T17S, R36E, SEC 23

NW/4, SW/4, SW/4, NW/4, SE/4, NW/4

TD = 110'

1/23/86 33.45' TO TOP OF WATER

8/2/91 34.71' " " " "

12/7/93
MR, P2

3. T17S, R36E, SEC 25
NE/4, NE/4, SW/4, NE/4, NW/4
1/5/81 32.80' TO T/ WATER
1986 DRY @ 35'

4. T17S, R36E, SEC 25 NE/4, SE/4, NW/4, SW/4, NW/4
1/23/86 35.36' TO T/ WATER
6/6/90 Cl⁻ = 76 mg/l
Sp. Cond = 631

5. T17S R37E SEC 18
SE/4, NE/4, SE/4, NW/4, SE/4
Domestic Well
98' TD
1/14/86 47.77' TO T/ WATER
1/24/91 50.16' TO " "
6/6/90 Cl⁻ = 312 mg/l
Sp Cond = 601

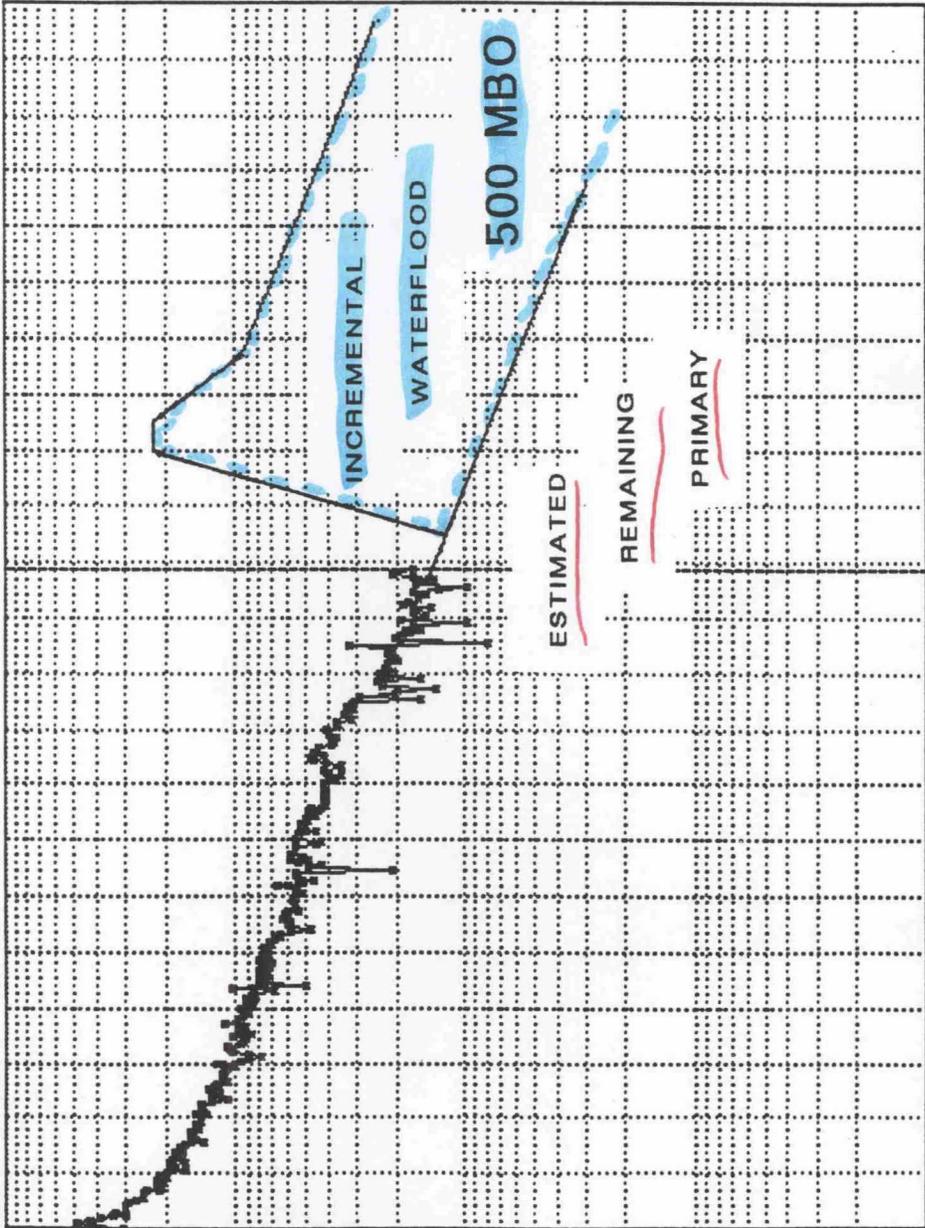
6. T17S R37E SEC 30
SE/4, SW/4, NE/4, NE/4, SE/4
1/24/86 40.57' TO T/ WATER
1/24/91 41.93' TO T/ WATER

PRIMARY PLUS

STATE DS LEASE

PRIMARY

WATERFLOOD



OIL /d
100
100
110 *

001
01
01

11

11

OIL /d
EUR= 814323
Ref= 11/93
Cum= 778718
Q = 13.87
n = .0000
De= 10.600
Qab= 2.96
Rem= 35605
Yrs= 13.833
Qmo= 420.1
Act= .0

OIL /d
EUR= 1314323
Ref= 11/93
Cum= 778718
Q = 13.88
n = .0000
De= 10.600
Qab= 24.66
Rem= 535605
Yrs= 19.583
Qmo= 420.1
Act= .0

72 74 76 78 80 82 84 86 88 90 92 94 96 98 00 02 04 06 08 10 12 14 Major=OIL

BEFORE EXAMINER

Oil Conservation Division

Southland Exhibit No. 10

Case No. 10891

STATE "DS" Lease
Lea County, New Mexico
EXHIBIT H

STATE 'DS' LEASE
SPENCER SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

LEASE PRODUCTION

<u>DATE</u>	<u>OIL (BBLs)</u>	<u>CUM OIL (BBLs)</u>	<u>GAS (MCF)</u>	<u>CUM GAS (MCF)</u>	<u>WATER (BBLs)</u>	<u>CUM WATER (BBLs)</u>
PRIOR CUM'S:		745539		219614		1780003
1989						
JAN	942	746481	1294	220908	5270	1785273
FEB	480	746961	213	221121	3890	1789163
MAR	887	747848	245	221366	5270	1794433
APR	616	748464	194	221560	4290	1798723
MAY	606	749070	280	221840	5270	1803993
JUN	415	749485	181	222021	4080	1808073
JUL	707	750192	266	222287	5270	1813343
AUG	681	750873	257	222544	5005	1818348
SEPT	683	751556	220	222764	4930	1823278
OCT	745	752301	246	223010	5270	1828548
NOV	479	752780	164	223174	4469	1833017
DEC	648	753428	174	223348	5270	1838287
TOTAL '89	7889		3734		58284	
1990						
JAN	722	754150	176	223524	5270	1843557
FEB	631	754781	208	223732	4760	1848317
MAR	691	755472	208	223940	5270	1853587
APR	663	756135	175	224115	4900	1858487
MAY	678	756813	164	224279	5270	1863757
JUN	602	757415	170	224449	4860	1868617
JUL	659	758074	214	224663	4170	1872787
AUG	643	758717	210	224873	4000	1876787
SEPT	652	759369	274	225147	4930	1881717
OCT	668	760037	228	225375	4250	1885967
NOV	645	760682	213	225588	5100	1891067
DEC	666	761348	196	225784	5270	1896337
TOTAL '90	7920		2436		58050	

BEFORE EXAMINER
Oil Conservation Division
Southland
Exhibit No. 11
Case No. 10891

STATE 'DS' LEASE
SPENCER SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

LEASE PRODUCTION

<u>DATE</u>	<u>OIL (BBLs)</u>	<u>CUM OIL (BBLs)</u>	<u>GAS (MCF)</u>	<u>CUM GAS (MCF)</u>	<u>WATER (BBLs)</u>	<u>CUM WATER (BBLs)</u>
1991						
JAN	1003	762351	205	225989	0	1896337
FEB	241	762592	237	226226	4707	1901044
MAR	594	763186	227	226453	340	1901384
APR	628	763814	283	226736	2210	1903594
MAY	568	764382	288	227024	3230	1906824
JUN	534	764916	283	227307	4250	1911074
JUL	475	765391	255	227562	2890	1913964
AUG	558	765949	285	227847	4760	1918724
SEPT	496	766445	284	228131	3060	1921784
OCT	515	766960	292	228423	3230	1925014
NOV	301	767261	130	228553	3570	1928584
DEC	590	767851	187	228740	4420	1933004
TOTAL '91	6503		2956		36667	
1992						
JAN	458	768309	217	228957	4060	1937064
FEB	458	768767	438	229395	3740	1940804
MAR	518	769285	300	229695	4930	1945734
APR	522	769807	227	229922	4434	1950168
MAY	431	770238	183	230105	4105	1954273
JUN	579	770817	244	230349	5100	1959373
JUL	572	771389	267	230616	5100	1964473
AUG	544	771933	296	230912	4930	1969403
SEPT	488	772421	436	231348	5100	1974503
OCT	491	772912	702	232050	5270	1979773
NOV	455	773367	233	232283	5100	1984873
DEC	522	773889	295	232578	5270	1990143
TOTAL '92	6038		3838		57139	

STATE 'DS' LEASE
SPENCER SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO

LEASE PRODUCTION

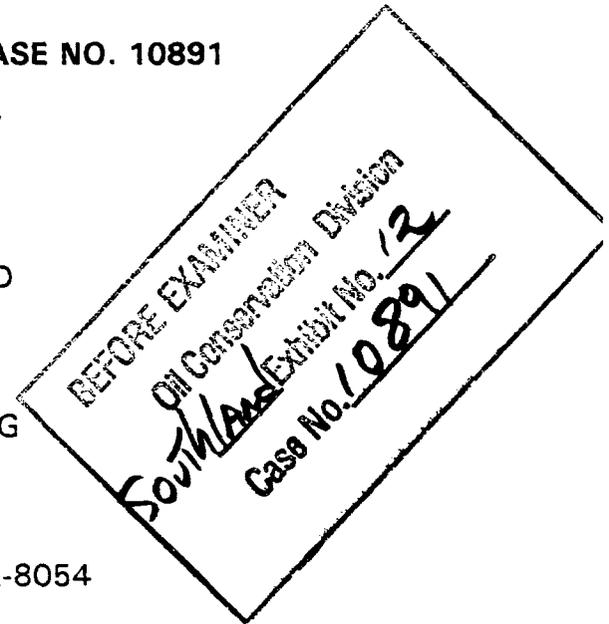
<u>DATE</u>	<u>OIL (BBLs)</u>	<u>CUM OIL (BBLs)</u>	<u>GAS (MCF)</u>	<u>CUM GAS (MCF)</u>	<u>WATER (BBLs)</u>	<u>CUM WATER (BBLs)</u>
1993						
JAN	397	774286	254	232832	5270	1995413
FEB	303	774589	100	232932	4607	2000020
MAR	498	775087	246	233178	5114	2005134
APR	495	775582	293	233471	4947	2010081
MAY	445	776027	281	233752	5270	2015351
JUN	422	776449	244	233996	3400	2018751
JUL	516	776965	255	234251	5270	2024021
AUG	631	777596	317	234568	5060	2029081
SEPT	598	778194	320	234888	5400	2034481
OCT	524	778718	221	235109	6497	2040978
NOV						
DEC						
TOTAL '93	4829		2531		50835	

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

CASE NO. 10891

APPLICATION OF SOUTHLAND ROYALTY COMPANY
FOR APPROVAL OF A WATERFLOOD PROJECT FOR
ITS STATE "DS" LEASEHOLD AND TO QUALIFY
SAID PROJECT FOR THE RECOVERED OIL TAX
RATE PURSUANT TO THE "NEW MEXICO ENHANCED
OIL RECOVERY ACT," LEA COUNTY, NEW MEXICO



CERTIFICATE OF MAILING

AND

COMPLIANCE WITH ORDER R-8054

W. THOMAS KELLAHIN, attorney in fact and authorized representative of Southland Royalty Company, states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on the 14th day of December 1993, I caused to be mailed by certified mail return-receipt requested notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for January 6 1994, to the parties shown in the application as evidenced by the attached copies of return receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.

W. Thomas Kellahin

W. Thomas Kellahin

SUBSCRIBED AND SWORN to before me this 3rd day of JANUARY, 1994.

[Signature]

Notary Public

My Commission Expires:

June 9, 1997

P 676 666 334



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

John T. Stallings
P.O. Box 685
Creedmor, NM

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$

00 June 1990

12/14/93
Southland Royalty company

P 321 000 800



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Alan Jochimsen
2402 Cimmaron
Midland, Texas 79705

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date, and Addressee's Address	
TOTAL Postage & Fees	\$

PS Form 3800, June 1991

12/14/93
Southland Royalty company

P 321 000 799



**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

James Ronald Ewing
700 East 9th Street Apt 11K
Little Rock, AR 72202

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

00, June 1991

12/14/93
Southland Royalty company

PS

P 321 000 802



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Yates Petroleum Corp.
105 South 4th Street
Artesia, NM 88210

3800, June 1991

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

12/14/93
Southland Royalty company
P

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93 so that we can
Southland Royalty company
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:

Yates Petroleum Corp.
105 South 4th Street
Artesia, NM 88210

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

- 1. Addressee's Address
 - 2. Restricted Delivery
- Consult postmaster for fee.

4a. Article Number
321 000 802

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

7. Date of Delivery
DEC 17 1993

5. Signature (Addressee)
[Signature]
6. Signature (Agent)
[Signature]

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

Thank you for using Return Receipt Service.

P 321 001 076



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

John T. Stallings
P.O. box 685
Creedmor, North Carolina

PS Form 3800, June 1991

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

of envelope to the address

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company so that we can

- 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:

John T. Stallings
P.O. Box 685
Creedmor, NM

4a. Article Number

10716 666 334

4b. Service Type

- Registered
- Certified
- Express Mail
- Insured
- COD
- Return Receipt for Merchandise

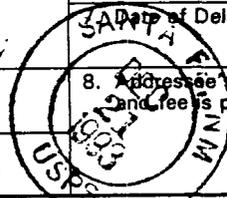
Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)

[Handwritten signature]

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



Thank you for using Return Receipt Service.

P 321 001 059



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Dorothy T. Scharbauer
P.O. box 1471
Midland, Texas 79702

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

900, June 1991

12/14/93

Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

12/14/93

Southland Royalty company

so that we can
back if space

- Attach this form to the back of the mailpiece 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:

Dorothy T. Scharbauer
P.O. box 1471
Midland, Texas 79702

4a. Article Number

321 001 059

4b. Service Type

- Registered
- Certified
- Express Mail
- Insured
- COB
- Return Receipt for Merchandise

7. Date of Delivery

DEC 17 1993

5. Signature (Addressee)

Judy Johnson

6. Signature (Agent)

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

Thank you for using Return Receipt Service.

321 000 804



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Howell Spears
P.O. Box 4246
Gulfport, NM 39501

1800, June 1991

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

12/14/93
Southland Royalty company

so that we can
jack if space

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

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

- 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:

Howell Spears
P.O. Box 4246
Gulfport, NM 39501

4a. Article Number

321 000 804

4b. Service Type

- Registered
- Insured
- Certified
- Express Mail
- Return Receipt for Merchandise

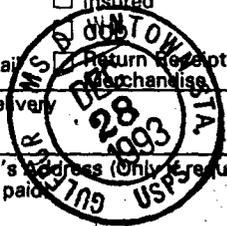
7. Date of Delivery

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

5. Signature (Addressee)

6. Signature (Agent)

X Bert L. Owen



Thank you for using Return Receipt Service.

P 670 814 589



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Oxy USA, Inc.
P.O. Box 1392
Hobbs, NM 88241

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company

so that we can

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:

Oxy USA, Inc.
P.O. Box 1392
Hobbs, NM 88241

4a. Article Number
670 814 589

4b. Service Type

Registered Insured

Certified COD

Express Mail Return Receipt for Merchandise

7. Date of Delivery
12/17/93

5. Signature (Addressee)
[Signature]

6. Signature (Agent)
[Signature]

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

Thank you for using Return Receipt Service.

P 676 666 306



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

The Moran Patnership
1000 E. Walker Drive
Hobbs, NM 88241

	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800 June 1990

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

12/14/93

Southland Royalty company

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:

The Moran Patnership
1000 E. Walker Drive
Hobbs, NM 88241

4a. Article Number

676 666 306

4b. Service Type

- | | |
|---|--|
| <input type="checkbox"/> Registered | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD |
| <input type="checkbox"/> Express Mail | <input checked="" type="checkbox"/> Return Receipt for Merchandise |

7. Date of Delivery

12-16-93

5. Signature (Addressee)

Brenda G. Horn

6. Signature (Agent)

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

Thank you for using Return Receipt Service.

P 321 000 803



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Ken McPeters
P.O. Box 1860
Hobbs, NM 88240

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

1800, June 1991
PC

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

12/14/93

Southland Royalty company

so that we can

- 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:

Ken McPeters
P.O. Box 1860
Hobbs, NM 88240

4a. Article Number

321 000 803

4b. Service Type

- Registered
- Certified
- Express Mail
- Insured
- COD
- Return Receipt for Merchandise

7. Date of Delivery

12/20/93

5. Signature (Addressee)

Mary A. Shelley

6. Signature (Agent)

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

Thank you for using Return Receipt Service.

P 670 814 588



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Marshall & Winston, Inc.
P.O. Box 50880
Midland, Texas 79710

	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

1800, June 1990

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company

so that we can

- 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:

Marshall & Winston, Inc.
P.O. Box 50880
Midland, Texas 79710

4a. Article Number
670 814 588

4b. Service Type

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured
<input checked="" type="checkbox"/> Certified	<input checked="" type="checkbox"/> COD
<input type="checkbox"/> Express Mail	<input checked="" type="checkbox"/> Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)
Dud Heckman

6. Signature (Agent)

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

DEC 17 1993

Thank you for using Return Receipt Service.

SENDER:
12/14/93
Southland Royalty company

so that we can
back if space

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

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:
 E. L. Latham Co.
 P.O. Box 1392
 Hobbs, Nm 88241

4a. Article Number
 6701819590

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

5. Signature (Addressee)
E. L. Latham

6. Signature (Agent)

7. Date of Delivery
 12/17/93

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

PS Form 3811, December 1991 *U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?
 Thank you for using Return Receipt Service.



Certified Mail Receipt
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

E. L. Latham Co.
 P.O. Box 1392
 Hobbs, Nm 88241

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

300, June 1990

12/14/93
 Southland Royalty company

P 676 666 308



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Charles Doombas, Trustee
Charles f. Doombas
Revocable Trust
P.O. Box 639
Bartlesville, OK 74005

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company

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:
Charles Doombas, Trustee
Charles f. Doombas
Revocable Trust
P.O. Box 639
Bartlesville, OK 74005

4a. Article Number
676 666 308

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

7. Date of Delivery
12-20-93

5. Signature (Addressee)
Charles Doombas

6. Signature (Agent)
Joe Doyle

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

PS Form 3811, December 1991 U.S. GPO: 1992-323-402 **DOMESTIC RETURN RECEIPT**

P 321 000 805



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Elbert Damon Ship
& suzy Laverne Shipp
1104 Ave. J. West
Lovington, NM 88260

PS Form 3800, June 1991

Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	12/14/93
Southland Royalty company	

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company
so that we can
ack 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:
Elbert Damon Ship
& suzy Laverne Shipp
1104 Ave. J. West
Lovington, NM 88260

4a. Article Number
321 000 805
4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise
7. Date of Delivery

5. Signature (Addressee)
E. D. Shipp
6. Signature (Agent)

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

Thank you for using Return Receipt Service.

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.

12/14/93
Southland Royalty company

back if space
the article number
the article was delivered and the date

1. Addressee's Address
2. Restricted Delivery
Consult postmaster for fee.

3. Article Addressed to:
Cross Timbers Oil Co. L.P.
810 Huston St., Suite 2000
Fort Worth, Texas 76102

4a. Article Number
321001058

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

7. Date of Delivery
DEC 20 1993

5. Signature (Addressee)

6. Signature (Agent)
Barbara H. [Signature]

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

PS Form 3811, December 1991 *U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

is your RETURN ADDRESS completed on the reverse side?
Thank you for using Return Receipt Service

P 321 001 058



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for international Mail

Cross Timbers Oil Co. L.P.
810 Huston St., Suite 2000
Fort Worth, Texas 76102

	\$
Postage	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

800, June 1991

12/14/93
Southland Royalty company

P 676 666 326



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

The Bevridge Co.
P.O. Box 993
Midland, Texas 79702

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

300, June 1990

12/14/93
Southland Royalty company

SENDER:
12/14/93
Southland Royalty company

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:
The Bevridge Co.
P.O. Box 993
Midland, Texas 79702

4a. Article Number
676 666 326

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

7. Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)
[Signature]

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

PS Form 3811, December 1991 *U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.



Norma Barton
 P.O. Box 729
 Hobbs, NM 88240

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

3800, June 1990
 12/14/93
 Southland Royalty company

SENDER:
 12/14/93
 Southland Royalty company
 so that we can
 Jack if space

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:
 Norma Barton
 P.O. Box 729
 Hobbs, NM 88240

4a. Article Number
 670 689 137

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

7. Date of Delivery
 12-20-93

5. Signature (Addressee)

6. Signature (Agent)

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.

US Form 3811, December 1991 U.S. GPO: 1992-323-402 **DOMESTIC RETURN RECEIPT**

P 676 666 307



Certified Mail Receipt

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Roy G. Barton Jr.
P.O. Box 978
Hobbs, Nm 88241

	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$

00, June 1990

12/14/93
Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company

so that we can
back if space

do 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:

Roy G. Barton Jr.
P.O. Box 978
Hobbs, Nm 88241

5. Signature (Addressee)
Roy G. Barton Jr.

6. Signature (Agent)

4a. Article Number
676 666 307

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

7. Date of Delivery
12-16-93

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

Thank you for using Return Receipt Service.

P 321 000 801



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Roy G. Barton & Opal
Barton Revocable Trust
Roy G. Barton, Jr, Trustee
P.O. Box 978
Hobbs, NM 88241

Certified Mail	
Special Delivery	
Registered Delivery	
Return Receipt with Restricted Delivery	
Return Receipt with Restricted Delivery and Signature	
Postage	\$
Postage and Fees	

1800 June 1991

12/14/93

Southland Royalty company

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
12/14/93
Southland Royalty company

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:
Roy G. Barton & Opal
Barton Revocable Trust
Roy G. Barton, Jr, Trustee
P.O. Box 978
Hobbs, NM 88241

4a. Article Number
321 000 801

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

5. Signature (Addressee)
[Signature]

6. Signature (Agent)
[Signature]

7. Date of Delivery
12-22-93

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