



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

OIL CONSERVATION DIVISION
85-1-10

01 JUL 5 AM 9 43

CERTIFIED MAIL - RETURN RECEIPT

July 2, 1991

Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87504

ATTN: Mr. William J. Lemay

Re: Application for Authorization
to Inject
Shinnery 14 Fed No. 5
Unit H, Sec. 14, T-18-S, R-32-E
Lea County, New Mexico

Gentlemen:

Enclosed please find the following documents which are submitted in support of our application to convert the subject well to SWD.

1. The original and one (1) copy of OCD Form C-108 and all appropriate attachments
2. A copy of analogous information which has been submitted to the BLM in Carlsbad

If further information is required, please advise.

Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By: Santa Fe Pacific Exploration Company
Managing General Partner

By: Larry Murphy
Larry Murphy, Senior Landman

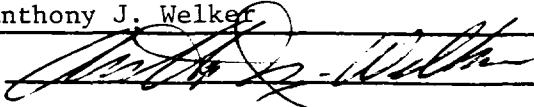
LM/efw
Encls a/s

cc: Oil Conservation Div. (w/Encls)
Hobbs, New Mexico

EFW2087

Permian Basin District
550 W. Texas, Suite 1330
Midland, Texas 79701
915/687-3551

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no
- II. Operator: Santa Fe Energy Operating Partners, L.P.
Address: 550 W. Texas, Suite 1330, Midland, Texas 79701
Contact party: Anthony J. Welker/Larry Murphy Phone: 915/687-3551
- 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.
(See Attached)
- 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. (See Attached)
- * 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. (See Attached)
- 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.).
- (See Attached)
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval. (See Attached)
- IX. Describe the proposed stimulation program, if any. (See Attached)
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.) (See Attached)
- * 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. (See Attached)
- 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. (See Attached)
- 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: Anthony J. Welker Title: Senior Staff Engineer
Signature:  Date: July 2, 1991
- * 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. Original electric logs were submitted 12-19-89, in conjunction with the subject well's completion papers. All new logs & data are submitted herein.
- DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

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.

Shinnery 14 Federal No. 5
Application for Authorization to Inject
Well Data for OCD Form C-108

III. A. (1) Name & Location: Shinnery 14 Federal No. 5
Federal Lease No. NM40452
Unit H, Section 14, 18S-32E NMPM
2310' FNL & 660' FEL of Section 14
Lea County, New Mexico

III. A. (2) Tubulars & Cement:

Surface Casing: Drilled 17-1/2" hole

13-3/8" 48# H-40 ST&C casing set at 410'
with 500 sacks Class "C" cement
containing 2% CaCl_2 and 1/4 pps
cellophane flakes. Slurry weight 14.8
ppg. Slurry volume 660 cu.ft. TOC is at
surface by visual observation.

Intermediate Casing: Drilled 12-1/4" hole

8-5/8" 24# J-55 ST&C casing set at 2744'
with 850 sacks of Class "C" 35/65 Poz
cement containing 6% gel, 10% NaCL and
1/4 pps cellophane flakes, followed by
250 sacks of Class "C" cement containing
2% CaCl_2 . Lead slurry weight 12.6 ppg.
Lead slurry volume 1797 cu.ft. Tail
slurry weight 14.8 ppg. Tail slurry
volume 330 cu.ft. TOC this stage was
500' by temperature survey.

1" pipe was then run to a depth of 500'
in the 13-3/8 - 8-5/8" annulus and
cemented with 200 sacks of Class "C"
cement containing 2% CaCl_2 . Slurry
weight 14.8 ppg. Slurry volume 264
cu.ft. TOC was at surface by visual
observation.

Long String Casing: Drilled 7-7/8" hole to TD of 8782'

5-1/2" 17# N-80 LT&C casing set at 8781'
with 375 sacks of Western Lite containing
10% NaCL followed by 175 sacks of Class
"H" containing 5% NaCL and 0.7% CF-14
fluid loss additive through casing shoe.
Lead slurry weight was 12.5 ppg. Lead
slurry volume was 791 cu.ft. Tail slurry
weight was 15.7 ppg. Tail slurry volume
was 206 cu.ft. TOC this stage was above
DV tool at 5710' by visual observation.

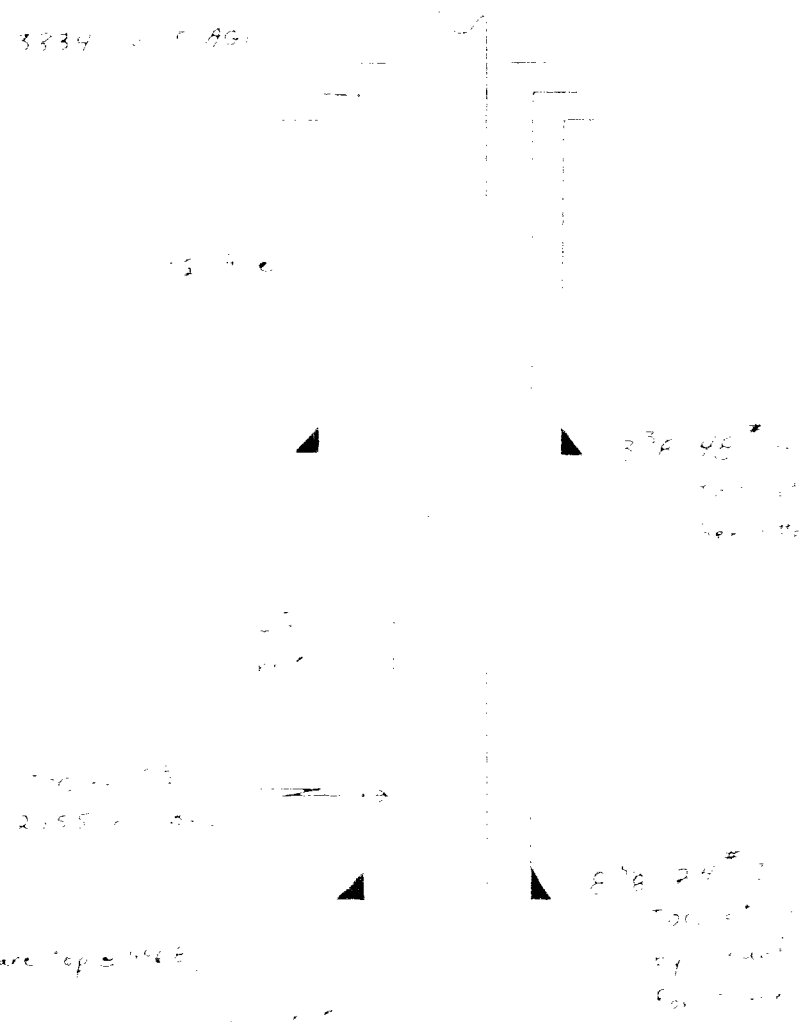
The second stage was placed via the DV tool at 5710' using 320 sacks of Western Lite containing 10% NaCL, followed by 540 sacks of Class "H" containing 5% NaCL and 0.7% CF-14 fluid loss additive. Lead slurry weight 12.5 ppg. Lead slurry volume 673 cu.ft. Tail slurry weight 15.7 ppg. Tail slurry volume 642 cu.ft. TOC this stage was 2555' as determined by a cement bond log.

- III. A. (3) Proposed Tubing: 2-7/8" 6.5# EUE tubing, internally plastic coated with ICO SC650. Attached to packer at approximately 4915'.
- III. A. (4) Proposed Packer: 2-7/8" x 5-1/2" Guiberson Model ER-VI HD, internally plastic coated and attached to tubing. To be set at approximately 4915'.
- III. B. (1) Injection Formation: Grayburg/Delaware (West Corbin Delaware Pool).
- III. B. (2) Injection Interval: Top of Grayburg (4468') to base of Delaware (6806'). Perforations from 4990' to 6790'
- III. B. (3) The well was drilled as an oil well but was non-commercial.
- III. B. (4) Perforations in the Bone Spring from 8660' to 8694' were tested for production. These perforations are isolated from the proposed injection interval by cast iron bridge plug set at 8550' which has been capped with 35' of cement.
- III. B. (5) The Delaware at a depth of about 5000' produces in the area of this well.
- The Bone Spring at a depth of about 8600' produces in the immediate area of this well.
- The Yates formation at a depth of 3200' has produced in the immediate area of this well.
- The Seven Rivers, Queen, Grayburg, and San Andres produce from approximately 3300', 4000', 4500', and 4600' respectively, within 1 to 2 miles to the SW of the subject well.

pub 10-89
 Point KB 3834

Schematic for Proposed Project

Survey 14 Feb No. 5
 Point KB 3834
 1000' E 32E AMM
 1000' E 32E FEL Sec 19.
 1000' E 32E Mexico



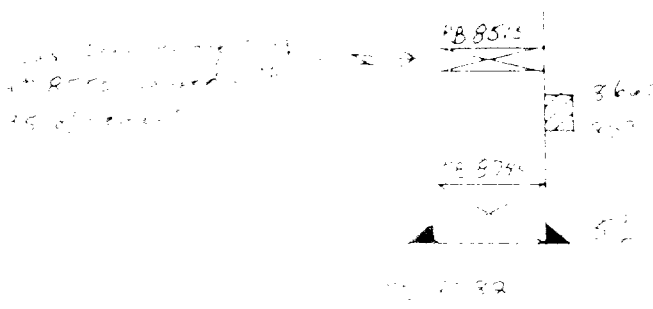
1000' E 32E AMM
 1000' E 32E FEL Sec 19.
 1000' E 32E Mexico

Grayburg/Delaware top 1000'

2 7/8" plastic rod 1000' E 32E
 1000' E 32E AMM
 marker to be set at 1000'

- 1000' E 32E AMM
- 1000' E 32E FEL Sec 19.
- 1000' E 32E Mexico
- 1000' E 32E AMM
- 1000' E 32E FEL Sec 19.
- 1000' E 32E Mexico
- 1000' E 32E AMM
- 1000' E 32E FEL Sec 19.
- 1000' E 32E Mexico

Bone Springs Sec 19



1000' E 32E AMM
 1000' E 32E FEL Sec 19.
 1000' E 32E Mexico

TABULATION OF ALL DATA ON ALL WELLS WITHIN AREA OF REVIEW
ITEM VI OF OCD FORM C-108

SHINNERY 14 FED NO. 5
PROPOSED SWD
06-05-91/AJW

<u>OPERATOR</u>	<u>LEASE/WELL</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>CONSTRUCTION</u>	<u>DATE DRILLED</u>	<u>TD</u>	<u>COMPLETION & COMMENTS</u>
SFEOP, LP	Shinnery 14 Fed No. 3	1980' FSL & 1980' FEL	Oil	13-3/8" @ 444' w/500 ex (cmt'd to surf)	04-05-89	9,500'	Producing from Bone Spring perms 8478-8504'.
		Sec 14-18S-32E, NMPM		8-5/8" @ 2727' w/1550 ex (cmt'd to surf)			
				5-1/2" @ 9489' w/1600 ex (TOC 2745' by CBL)			
SFEOP, LP	Shinnery 14 Fed No. 4	1980' FSL & 660' FEL	Oil	13-3/8" @ 415' w/500 ex (cmt'd to surf)	06-22-89	8,750'	Producing from Bone Spring perms 8412-8490'.
		Sec 14-18S-32E, NMPM		8-5/8" @ 2723' w/1500 ex (cmt'd to surf)			
				5-1/2" @ 8740' w/1325 ex (TOC above 3700' by CBL)			
Amoco	Federal BY No. 1	660' FNL & 1980' FEL	P&A'd (Attempted Completion)	13-3/8" @ 674' w/700 ex (cmt'd to surf)	04-11-82	13,430'	Attempted completion in Grayburg/Delaware 4982-4990', Wolfcamp 10,598-10,606', Strawn 12,334-12,354' and Morrow 13,228-13,417'. Some data is inferred from available records. See attached wellbore schematic.
		Sec 14-18S-32E, NMPM		9-5/8" @ 4900' w/2950 ex (cmt'd to surf)			
				5-1/2" @ 13430' w/3270 ex (TOC est 2200')			
HEYCO/Harvey E. Yates	Buffalo Fed No. 1	660' FNL & 660' FWL	P&A'd Oil Well	8-5/8" @ 1374' w/100 ex (TOC est 1180')	04-03-57	4,848'	Produced from Yates formation 3212-3250' and was subsequently plugged. See attached wellbore schematic. Note: This well did not penetrate to the depth of our proposed injection interval.
		Sec 13-18S-32E, NMPM		5-1/2" @ 3393' w/230 ex (TOC est 2764')			
Siete Oil & Gas	Erie Fed No. 1	800' FNL & 660' FWL	Oil	13-3/8" @ 400' w/600 ex (cmt'd to surf)	06-02-90	8,975'	Completed in Delaware 4991-5017'. Plugged back open hole with cmt plugs 8450-8650', 8550-8650', and 5460-5550'. PBD is 5299'. Note: Discrepancy on 8-5/8" cmtg records.
		Sec 13-18S-32E, NMPM		8-5/8" @ 3140' w/375 ex (cmt'd to surf)			
				5-1/2" @ 5350' w/510 ex (TOC est above 3140')			

Spud 4-11-82
P4A'd 5-27-83

Graco Production Co.

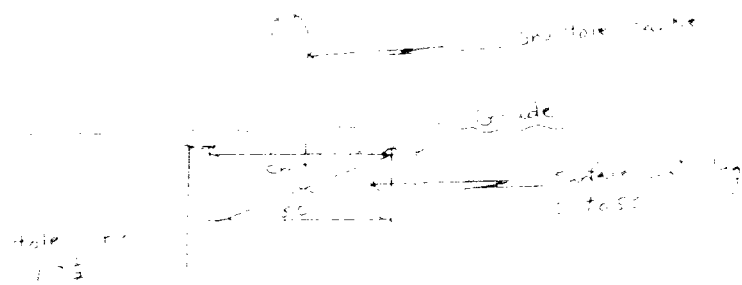
Serial BY no. 1

ENL 4 1980' FEL

8-4-185-32E, NMPM

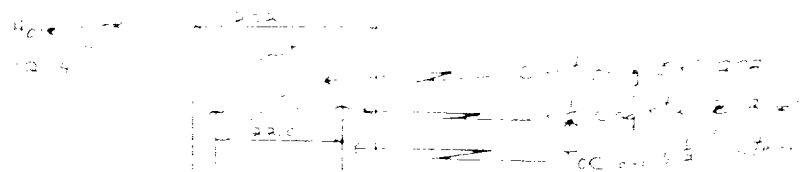
County, New Mexico

* Above Schematic prepared
in accordance with Rem documents
6-3-91/AJW



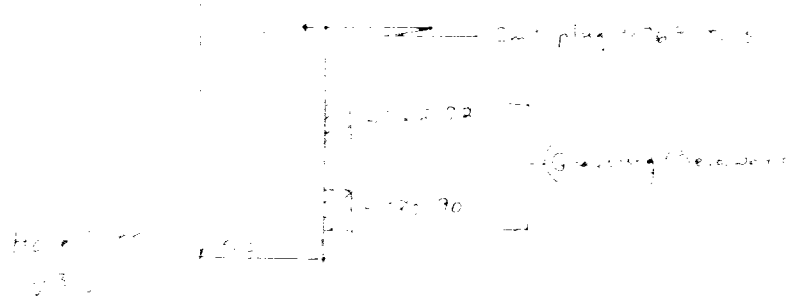
2000-2001

13 $\frac{3}{8}$ 48" @ 674' w. 200' x 200' S
(cont. elev. to 50')

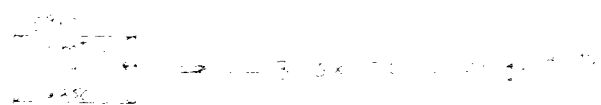


Logging records

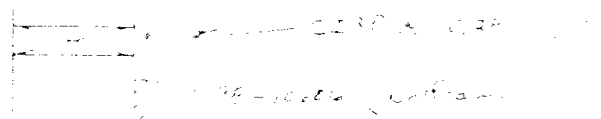
7 5/8" 40° @ 4900' w/27" (40° = 2000' C)
 interpreted as 40° = 2000' (40° = 2000' C) (40° = 2000' C)



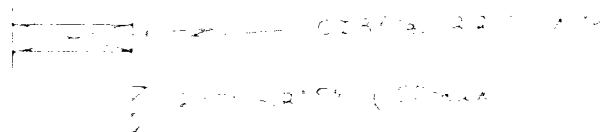
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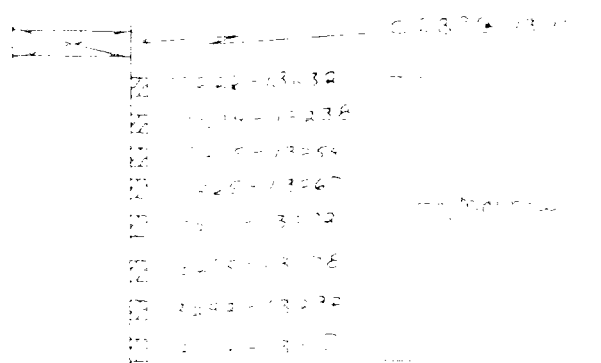
...and the *Journal of the American Medical Association* (JAMA) has been the most influential journal in the field of medicine for over a century.



the 1990s, the number of people in the world who are under 15 years of age is expected to increase by 1.5 billion, from 1.1 billion in 1990 to 2.6 billion in 2010. The number of people aged 65 and over is expected to increase by 1 billion, from 250 million in 1990 to 1.5 billion in 2010. The number of people aged 15-64 is expected to increase by 1.5 billion, from 1.1 billion in 1990 to 2.6 billion in 2010. The number of people aged 65 and over is expected to increase by 1 billion, from 250 million in 1990 to 1.5 billion in 2010. The number of people aged 15-64 is expected to increase by 1.5 billion, from 1.1 billion in 1990 to 2.6 billion in 2010.



Journal of Management Studies, 19(6), 701-718.



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Spud. 4-3-57
 Compl 4-30-57
 P+A 7-26-61

Harvey E. Yates (HEYCO)

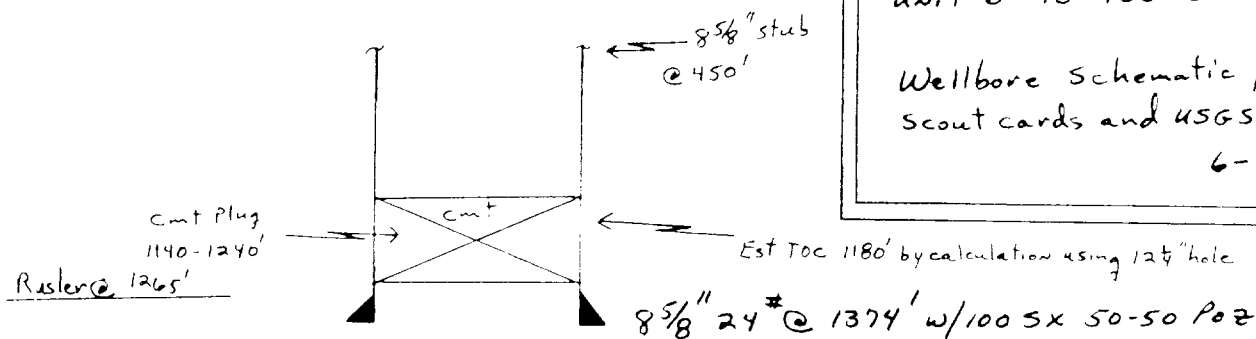
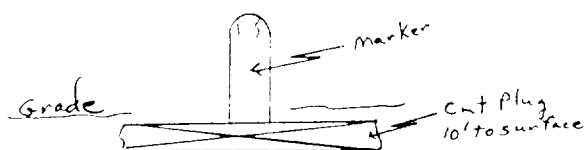
Buffalo Fed No. 1

660' FNL & 660' FWL

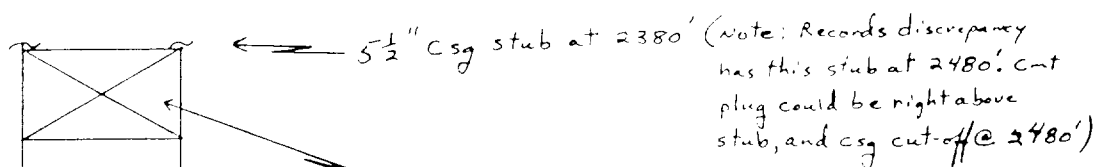
Unit D-13-185-32E, NMPM

Wellbore Schematic per
 scout cards and USGS records

6-4-91/AJW



Base of salt 2580'

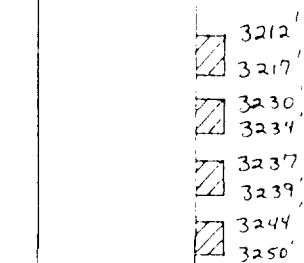


Yates 2745'

Seven Rivers 3250'

Queen 3988'

Penrose 4288'



5 1/2" 14" @ 3393' w/ 230 SX 50/50 POZ

No record of cmt plugs in open hole

TB 4848'

Data on the Proposed Operation
Shinnery 14 Federal No. 5 SWD
Item VII of OCD Form C-108
6-26-91/AJW

- Item VII (1) Proposed average rate is 1000 BWPD.
Proposed maximum rate is 2500 BWPD.
- Item VII (2) The disposal facility will be operated as a closed system.
- Item VII (3) Proposed average injection pressure 1200 psi.
Proposed maximum injection pressure 1600 psi.

Note: We have conducted an injectivity test on the subject well at 1225 psi average injection pressure. Tracer surveys during the test showed that the fluids were confined to the proposed injection formation.

During the completion of the subject well, we fracture treated the interval from 5992' to 6180'. The instant shut-in pressure of that treatment was 1800 psi. Our proposed maximum disposal pressure is approximately 90% of this known instant shut-in pressure from the fracture treatment.

- Item VII (4) Sources of waters to be disposed are the Bone Spring and Grayburg/Delaware produced water from oil leases in the proximity of the subject well. These nearby leases include the SFEOP,LP operated Shinnery, Corrienta, and Uncle Sam leases shown on the attached map. Representative chemical analysis of these waters (Bone Spring and Delaware) are attached. The disposal formation has an inferred TDS of about 151,000 mg/l.
- Item VII (5) Not applicable.

RESULT OF WATER ANALYSIS

LABORATORY NO: 1789100
SAMPLE RECEIVED: 12-12-89
RESULTS REPORTED: 12-15-89

TO: Mr. Tom Folsom
P.O. Box 2, Carlsbad, NM 88220

COMPANY Santa Fe Energy Operating LEASE Shinnery 14
FIELD OR POOL PARTNER, L.P. Querecho Plains
SECTION 14 BLOCK SURVEY COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Produced water - taken from Shinnery 14 #2. 12-12-89

NO. 2 Produced water - taken from Shinnery 14 #3. 12-12-89

NO. 3 Produced water - taken from Shinnery 14 #5. 12-12-89

NO. 4

REMARKS: Upper Bone Springs - Samples taken by Greg Ogden, Martin Water Labs, Inc.

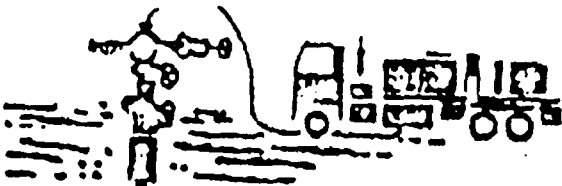
CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.1092	1.1261	1.1213	
pH When Sampled				
pH When Received	6.79	6.47	6.31	
Bicarbonate as HCO ₃	921	836	503	
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	7.500	9.100	17.900	
Calcium as Ca	1.900	2.460	4.840	
Magnesium as Mg	658	717	1.409	
Sodium and/or Potassium	62.637	70.166	64.990	
Sulfate as SO ₄	690	703	1.420	
Chloride as Cl	100.847	113.630	111.500	
Iron as Fe	18.4	27.2	128	
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	167.663	188.512	184.756	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen.				
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohm/m at 77° F.	0.065	0.062	0.061	
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Resistivity, ohm/m @ 180° F. - measured	0.038	0.037	0.037	

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The above shows the characteristics of the waters from wells #2 and #3 to be similar to what we have recorded as Bone Springs in this field. We further note that there is no significant change in the water from well #2 and only a minor increase in the levels of all the salts in well #3 as compared to laboratory #689231 (6-30-89). We doubt that there is any significance to the slight differences in the salinity in well #3. The water from well #5 shows some significant differences in the characteristics in that it has a significantly higher level of calcium, magnesium, and sulfate as compared to the waters from the other wells. Unless this well has recently been exposed to local water, it appears to have influenced Form No. 3 from a water other than that being produced from wells #2 and #3.

cc: Mr. Pat Gause, Midland
Mr. James Moore, Seagraves.

By Waylan C. Martin, M.A.

DOWELL SCHLUMBERGER
INCORPORATED

LAB NUMBER _____

COMPANY Santa FeDATE 5-10-90

Well File (Prod)

WELL NAME _____

UNCle Sam #1

#1 Sample

WATER ANALYSIS

	MG/L
SODIUM, Na (calc)	<u>54,652</u>
CALCIUM, Ca	<u>2125</u> ✓
MAGNESIUM, Mg	<u>170</u> ✓
BARIUM, Ba	<u> </u>
CHLORIDES, Cl	<u>90,398</u>
SULFATES, SO4	<u>2000</u>
CARBONATES, CO3	<u>0</u>
BICARBONATES, HCO3	<u>12.2</u>
Ph	<u>6.00</u>
SPECIFIC GRAVITY	<u>1.100</u>
RESISTIVITY, Rw	<u>.09</u>
IRON, Fe	<u>120</u>
SULFIDES, as H2S	<u>0</u>
CARBON DIOXIDE, CO2	<u> </u>
NITRATES, NO3	<u> </u>
HYDROXIDES	<u>0</u>
TOTAL DISSOLVED SOLIDS	<u>156,478</u>

Water sample
from Uncle Sam #1,
producing from
West Corbin Delaware

TDS



APPLICATION FOR AUTHORIZATION TO INJECT
SHINNERY 14 FEDERAL NO. 5

Geological Data on the Injection Zone
and Drinking Water Aquifers in the Area
Item VIII of OCD Form C-108
6-26-91/AJW

The proposed injection zone is the Grayburg/Delaware, having a top of 4468' and a base of 6806' in the Shinnery 14 Federal No. 5. This gross thickness is 2338'. The Grayburg/Delaware is primarily a series of very fine grained consolidated sandstones and siltstones, with occasional dolomite stringers. The fine grained nature of this formation results in relatively high porosities and relatively low permeabilities. While the top of the Grayburg and the base of the Delaware are well defined in this area, the top of the Delaware is poorly defined due to the interfingering of the back-reef Grayburg sands and dolomites with the fore-reef basinal Delaware sands.

Based on our communications with the New Mexico State Engineer's office and our visual observation, there are no fresh water wells within one mile of our proposed disposal well. Within a 1.8 to 5.0 mile radius of the proposed disposal site there are or have been fresh water wells producing from the Ogallala, Alluvial, & Triassic formations at reported depths ranging from 46' to 270'. We are not aware of any deeper fresh water resources, but we note that surface casings of oil wells are typically set at depths of about 400' to 600' in this area.

Additional information on fresh water resources in this area is provided under the attachments for Item XI of OCD Form C-108.

AJW:dw-2540

APPLICATION FOR AUTHORIZATION TO INJECT
SHINNERY 14 FEDERAL NO. 5
6-26-91/AJW

Information for OCD Form C-108

- Item IX Previous stimulations of perforated intervals between 4990' and 6790' are shown on the attached wellbore diagram for the subject well. We do not propose any additional stimulations at this time.
- Item X Electric logs for the subject well were submitted to the Commission in December of 1989 in conjunction with the subject well's completion papers.
- In conjunction with this application, we also submit a copy of the Tracer survey run during our injectivity testing. Due to the volume of copying required, we are only furnishing copies of this log to the OCD and BLM.
- Item XI There are no fresh water wells within one mile of the proposed disposal site. There are two inoperative fresh water wells within two miles of the proposed site. Data on these and more distant fresh water wells is provided in the attachments.
- Item XII We have examined available geological 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.
- Item XIII We have furnished a copy of this application as required to the landowner, applicable offset operators and have caused publication notice in appropriate newspapers. We will furnish proof of this action when same is available.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. NM-40452
2. NAME OF OPERATOR Santa Fe Energy Operating Partners, L.P.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 550 W. Texas, Suite 1330, Midland, Texas 79701	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below) At surface 2310' FNL & 660' FEL, Sec. 14, T-18S, R-32E, NMPM	8. FARM OR LEASE NAME Shinnery "14" Federal
14. PERMIT NO. API #30-025-30719	9. WELL NO. 5
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 3834' KB	10. FIELD AND POOL, OR WILDCAT Und. West Corbin Delaware
	11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 14-18S-32E
	12. COUNTY OR PARISH Lea
	13. STATE NM

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
1. FIRST WATER SHUT-OFF <input type="checkbox"/>	2. RILL OR ALTER CASING <input type="checkbox"/>	3. WATER SHUT-OFF <input type="checkbox"/>	4. REPAIRING WELL <input type="checkbox"/>
5. FRACTURE TREAT <input type="checkbox"/>	6. MULTIPLE COMPLETE <input type="checkbox"/>	7. FRACTURE TREATMENT <input type="checkbox"/>	8. ALTERING CASING <input type="checkbox"/>
9. SHOOT OR ACIDIZE <input type="checkbox"/>	10. ABANDON* <input type="checkbox"/>	11. SHOOTING OR ACIDIZING <input type="checkbox"/>	12. ABANDONMENT* <input type="checkbox"/>
13. REPAIR WELL <input type="checkbox"/>	14. CHANGE PLANS <input type="checkbox"/>	15. (Other) <input type="checkbox"/>	
(Other) Convert to SWD <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)			

Subject well is currently SI. Existing perforations are as follows:

4990-5000'
5992-6016'
6090-6180'
6438-6466'
6511-6532'

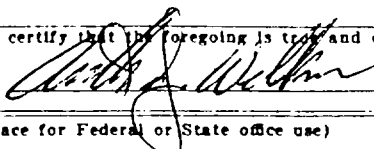
6590-6626'
6748-6790'

The TD is 8782' and the PBD is 8515'.

We propose to install 2-7/8" 6.5# plastic coated tubing set on a retrievable packer at approximately 4915' and dispose of lease and off-lease produced water into the Grayburg/Delaware perforations listed above. Additional information, including NTL-2B requirements and copies of SWD permit application data is attached.

I hereby certify that the foregoing is true and correct

SIGNED



TITLE Sr. Staff Engineer

DATE 7-1-91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Information Required per NTL-2B
for Bureau of Land Management - Carlsbad
Disposal in the Subsurface
Shinnery "14" Federal No. 5

ITEM 1 WELL NAME

Shinnery 14 Federal No. 5
2310' FNL & 660' FEL, Section 14-18S-32E, NMPM
Lease No. NM-40452

ITEM 2 DISPOSAL WATER QUALITY AND VOLUMES

The water to be disposed consists of Delaware and Bone Spring produced water gathered from the Shinnery Lease and other nearby leases. Representative water and other nearby leases. Representative water analysis for the Delaware and Bone Spring in this area is attached. The TDS of the disposal water should range from 151,000 to 189,000 mg/l.

We anticipate an average injection volume of approximately 1000 BPD, and have requested a maximum volume of 2500 BPD. These volumes are consistent with our application to the State of New Mexico, and are based on both our current requirements and those anticipated requirements in the foreseeable future, as the water-cut of our nearby oil wells increases.

ITEM 3 INJECTION FORMATION AND INTERVAL

The proposed injection formation is the Grayburg/Delaware, having a top of 4468' and a base of 6806' in the subject well. The current perforations are 4990' to 6790' as shown in the attached wellbore schematic. We do not anticipate needing additional perforations at this time.

ITEM 4 WATER QUALITY IN THE INJECTION INTERVAL

The proposed disposal interval is the Grayburg/Delaware which has an inferred TDS content of approximately 151,000 mg/l. A representative analysis for this interval is the same as that submitted for Item 2 above.

ITEM 5 EXTENT OF ALL USEABLE WATERS IN THE AREA

Based on our communications with the New Mexico State Engineer's office and our visual observation, there are no fresh water wells within one mile of our proposed disposal well. Within a 1.8 to 5.0 mile radius of the proposed disposal site there are or have been fresh water wells producing from the Ogallala, Alluvial, & Triassic formations at reported depths ranging from 46' to 270'. We are not aware of any deeper fresh water resources, but we note that surface casings of oil wells are typically set at depths of about 400' to 600' in this area.

Additional information on fresh water resources in this area is provided on the attachment which we supplied to the New Mexico OCD.

ITEM 6 WELL, HOLE, CASING, AND CEMENT INFORMATION

The information required by this instruction is furnished in both tabular and schematic format on the attachments.

ITEM 7 THE TD AND PBD

The total depth is 8782' and the plugged back depth is 8515'. See wellbore schematic.

ITEM 8 PROPOSED COMPLETION METHOD

We propose to run a 2-7/8" internally plastic coated tubing attached to a double-grip mechanically set 2-7/8" x 5-1/2" retrievable packer. The end of tubing and the setting depth of the packer is proposed for approximately 4915'. The anticipated injection pressure is 1200 psi. The tubing-casing annular space will be filled with 2% KCl water containing a corrosion inhibitor and an oxygen scavenger.

Injection is proposed thru existing perforations from 4990' to 6790'.

ITEM 9 MONITOR PLANS

We have already tested casing integrity in conjunction with a recent injectivity test; however, we will repeat this test per OCD requirements by applying a positive pressure to the tubing-casing annulus after setting the packer for injection.

We plan to monitor disposal rates and pressures daily, and annular pressures at least monthly for any anomalous readings which might indicate a significant change in downhole conditions or communication between the tubing and the tubing-casing annulus. We plan to run tracer surveys at such a frequency as may be dictated by our surface recordings or as may be required by the BLM or the OCD.

If shut-in is required, the master valve will be shut and no produced water will be accepted by the facility until appropriate repair action has been taken.

Shinnery 14 Federal No. 5
Application for Authorization to Inject
Area Fresh Water Resources for OGD Form C-108

Form C108 Item XI: By our visual inspection and communications with the State Engineer's office, there are no fresh water wells within one mile of our proposed injection site. Available data on more distant fresh water wells is tabulated below, as taken from the State Engineer's records except as noted.

<u>Location</u>	<u>Depth (ft)</u>	<u>Chloride (mg/L)</u>	<u>Specific Conductance</u>	<u>Date Sampled</u>	<u>Formation</u>	<u>Aprox Distance from Proposed SLD Site</u>	<u>Remarks</u>
Sec. 5-18S-32E	--	--	--	--	--	4.0 miles	No other data available.
SW-SW-NE-SE-SE							
Sec. 7-18S-32E	Unknown	19	605	8-65	Triassic	4.0 miles	Is or was used for stock watering.
SW-SW-NE-NW-NW							
Sec. 7-18S-32E	Unknown	6	597	9-81	Alluvial	5.0 miles	
NW-NW-SE-SE-NW							
Sec. 20-18S-32E	270'	253	1205	9-81	Triassic	3.5 miles	Sample taken from 180'.
NW-SW-SW-NW-SE-SW							
Sec. 3-18S-33E	64'	27	440	12-65	Alluvial	4.5 miles	
SE-NW-NW-NW							
Sec. 14-18S-33E	46'	33	545	12-65	Alluvial	5.0 miles	
NW-SE-NW-SE-NW							
Sec. 19-18S-33E	Unknown	80	1320	12-65	Triassic	1.8 miles	Well appears to have been inoperative for several years. (1)
NW-NW-SW-SW-SW							
Sec. 27-18S-33E	Unknown	680	--	6-76	Ogallala	4.8 miles	
NW-SW							
Sec. 22-18S-32E	Est. 125' (1)	--	--	--	--	2.0 miles	Depth estimated. Well appears to have been inoperative for several years. (1)

(1) From personal observation

MEWBOURNE OIL COMPANY

P.O. BOX 7698
TYLER, TEXAS 75711
903 - 561-2900
FAX 903 - 561-1870

RECEIVED N DIVISION
RECEIVED
JUL 16 AM 9 35

July 12, 1991

filed 436

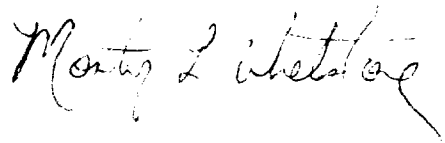
Mr. William J. Lemay
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504

RE: Application for Authorization to Inject
Shinnery "14" Federal #5
Unit H, Section 14, T-18-S, R-32-E
Lea County, New Mexico

Dear Mr. Lemay:

As an offset operator to the Shinnery "14" Federal #5 with the Federal "M" #1, Federal "L" #4, Federal "L" #5 and Federal "P" #1 in Sections 13, 23 and 24 of 18S-32E respectively, Mewbourne Oil Company fully supports the development of a produced water disposal well in this area.

Sincerely,



Monty L. Whetstone
Manager, Drilling
and Production

MW/sh



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

U.S. DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

1991 JUL 27 9 09

Certified Mail - Return Receipt

July 22, 1991

SWD-436

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504

Attn: Mr. William J. Lemay

Re: Application for Authorization
to Inject
Shinnery 14 Fed. No. 5
Unit H, Sec. 14, T-18-S, R-32-E
Lea County, New Mexico

Gentlemen:

Reference is made to my letter of July 2, 1991, in which documents were furnished in support of Santa Fe's application to convert the subject well to SWD.

Please find enclosed copies of Affidavit of Publications for the Hobbs Daily News-Sun and the Lovington Daily Leader. In addition enclosed please find the receipts of the notices mailed to the surface owner (tenant) and offset operators.

If you have any questions, please advise. Thank you in advance for your cooperation in this matter.

Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By: Santa Fe Pacific Exploration Company,
Managing General Partner

By: Larry Murphy
Larry Murphy, Senior Landman

LM/pt
Enclosures

pt3510
Permian Basin District
550 W. Texas, Suite 1330
Midland, Texas 79701
915/687-3551



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

CERTIFIED MAIL - RETURN RECEIPT

July 2, 1991

BLM - Carlsbad Resource Area
P.O. Box 1778
Carlsbad, New Mexico 88220

Re: Sundry Notice and NTL-28
Requirements for Application to
dispose in the subsurface
Shinnery 14 Fed #5
Lea County, New Mexico
Fed. Lse. #NM 40452

Gentlemen:

Enclosed please find the following documents which are submitted in support of our application to convert the subject well to SWD.

1. The original and two (2) copies of Sundry Notice
2. Appropriate attachments per NTL-2B requirements for disposal in the subsurface
3. A copy of our New Mexico OCD injection permit application and its related attachments which has been submitted to the OCD in both Santa Fe and Hobbs, New Mexico.

If further information is required, please advise.

Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By: Santa Fe Pacific Exploration Company
Managing General Partner

By: Larry Murphy
Larry Murphy, Senior Landman

LM/efw
Encls a/s

cc: Oil Conservation Division (w/Encls
Hobbs, New Mexico

EFW2088

Permian Basin District
550 W. Texas, Suite 1330
Midland, Texas 79701
915/687-3551



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

CERTIFIED MAIL - RETURN RECEIPT

July 2, 1991

Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87504

ATTN: Mr. William J. Lemay

Re: Application for Authorization
to Inject
Shinnery 14 Fed No. 5
Unit H, Sec. 14, T-18-S, R-32-E
Lea County, New Mexico

Gentlemen:

Enclosed please find the following documents which are submitted in support of our application to convert the subject well to SWD.

1. The original and one (1) copy of OCD Form C-108 and all appropriate attachments
2. A copy of analogous information which has been submitted to the BLM in Carlsbad

If further information is required, please advise.

Sincerely yours,

SANTA FE ENERGY OPERATING PARTNERS, L.P.
By: Santa Fe Pacific Exploration Company
Managing General Partner

By: Larry Murphy
Larry Murphy, Senior Landman

LM/efw
Encls a/s

cc: Oil Conservation Div. (w/Encls)
Hobbs, New Mexico

EFW2087

Permian Basin District
550 W. Texas, Suite 1330
Midland, Texas 79701
915/687-3551

AFFIDAVIT OF PUBLICATION

State of New Mexico.
County of Lea.

I, Kathi Bearden

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

July 7, 19 91
and ending with the issue dated

July 7, 19 91

Kathi Bearden
General Manager
Sworn and subscribed to before

me this 15 day of

July, 19 91

Thonda Copeland
Notary Public.

My Commission expires _____

July 24, 19 91

Seal _____

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

LEGAL NOTICE

July 7, 1991

ADVERTISEMENT

Santa Fe Energy
Operating Partners, L.P.,
550 West Texas, Suite 1330,
Midland, Texas 79701,
proposes to convert the following well to injection to dispose of produced water at the Und. West Corbin Delaware Field located in

Lea County, New Mexico.

The well to be converted in the Und. West Corbin Delaware Field is the Shinnery 14 #5 Well located at 2310 FNL & 660' FEL in Section 14, T-18-S, R-32-E of Lea County, New Mexico. The injection interval is known as the Grayburg/Delaware Sand at a depth of approximate-

ly 4990' to 6790'. The maximum injection rate will be 2500 barrels a day with a maximum pressure of 1600 PSI.

Interested parties must file an objection or requests for hearing with the Oil Conversation Division, P.O. Box 2088, Santa Fe, New Mexico 87504-2088 within 15 days.

Inquiries regarding this application should be directed to J. Welker or L. Murphy, 550 West Texas, Suite 1330, Midland, Texas 79701, (915) 687-3551.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is **Adv. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

Advertisement

and numbered in the Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for one (1)

consecutive weeks, beginning with the issue of

July 5, 1991

and ending with the issue of

July 5, 1991

And that the cost of publishing said notice is the sum of \$ 12.02

which sum has been (Paid) (~~Assessed~~) as Court Costs

Joyce Clemens
Subscribed and sworn to before me this 15th

July, 1991
day of

Mrs. Jean Series
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

LEGAL NOTICE ADVERTISEMENT

Santa Fe Energy Operating Partners, L.P., 550 West Texas, Suite 1330, Midland, Texas 79701, proposes to convert the following well to injection to dispose of produced water at the Und. West Corbin Delaware Field located in Lea County, New Mexico.

The well to be converted in the Und. West Corbin Delaware Field is the Shinnery 14 #5 Well located at 2310 FNL & 680' FEL in Section 14, T-18-S, R-32-E of Lea County, New Mexico. The injection interval is known as the Grayburg/Delaware Sand at a depth of approximately 4990' to 6790'. The maximum injection rate will be 2500 barrels a day with a maximum pressure of 1600 PSI.

Interested parties must file an objection or requests for hearing with the Oil Conversation Division, P.O. Box 2088, Santa Fe, New Mexico 87504-2088 within 15 days.

Inquiries regarding this application should be directed to J. Welker or L. Murphy, 550 West Texas, Suite 1330, Midland, Texas 79701, (915) 687-3551.

Published in the Lovington Daily Leader July 5, 1991.

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
James L. Harden
999 18th Street
Suite 2908
Denver, Colorado 80202

4. Article Number
P 764 684 076

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
James L. Harden

6. Signature - Agent

7. Date of Delivery

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Mewbourne Oil Company
500 West Texas
Suite 1020
Midland, Texas 79701
ATTN: Gary Winter

4. Article Number
P 764 684 070

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
James L. Harden

6. Signature - Agent

7. Date of Delivery

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

PS Form 3811, Mar. 1988 *U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Jack Huff & wife
Joan E. Huff
P.O. Box 50190
Midland, Texas 79710-0190

4. Article Number
P 764 684 079

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
Joan E. Huff

6. Signature - Agent

7. Date of Delivery

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Petro-Atlas Corp.
999 18th Street
Suite 2908
Denver, Colorado 80202
ATTN: James L. Harden, III

4. Article Number
P 764 684 0705

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
James L. Harden

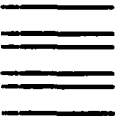
6. Signature - Agent

7. Date of Delivery

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS



SENDER INSTRUCTIONS

- Print your name, address and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN

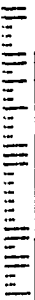


Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1890
Midland, Texas 79701



UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS



SENDER INSTRUCTIONS

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 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN



Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1890
Midland, Texas 79701

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS



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 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN



Print Sender's name, address, and ZIP Code in the space below.

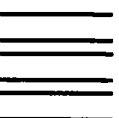
Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1890
Midland, Texas 79701

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS



SENDER INSTRUCTIONS

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 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE, \$300

RETURN

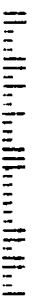


Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1890
Midland, Texas 79701



SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Charles A. Heyne
2619 Durban
Houston, Texas 77043

4. Article Number
P 764 684 080

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
[Signature]

6. Signature - Agent
[Signature]

7. Date of Delivery
7-8-89

8. Addressee's Address (ONLY if requested and fee paid)
2619 Durban Hk
Hou., TX 77043

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
J. Cecil Rhodes
35008 Island Drive
P.O. Box 8168
Horseshoe Bay, Texas 76069

4. Article Number
P 764 684 078

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
[Signature]

6. Signature - Agent
[Signature]

7. Date of Delivery
7/8/89

8. Addressee's Address (ONLY if requested and fee paid)
J. Cecil Rhodes
35008 Island Drive
P.O. Box 8168
Horseshoe Bay, Texas 76069

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Heirs of Devises
Fred J. Heyne, Jr. & wife
Marie Flack Heyne
3820 W. Alabama, Suite 100
Houston, Texas 77027

4. Article Number
P 764 684 084

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
[Signature]

6. Signature - Agent
[Signature]

7. Date of Delivery
7/8/89

8. Addressee's Address (ONLY if requested and fee paid)
3820 W. Alabama, Suite 100
Houston, Texas 77027

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Heyne Oil & Gas Interests
3820 West Alabama
Suite 200
Houston, Texas 77027
ATTN: Fred Heyne III

4. Article Number
P 764 684 085

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee
[Signature]

6. Signature - Agent
[Signature]

7. Date of Delivery
7/8/89

8. Addressee's Address (ONLY if requested and fee paid)
Heyne Oil & Gas Interests
3820 West Alabama
Suite 200
Houston, Texas 77027
ATTN: Fred Heyne III

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.

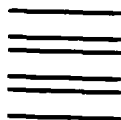
RETURN
TO

Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701



PENALTY FOR PRIVATE
USE, \$300

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

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 - Endorse article "Return Receipt Requested" adjacent to number.

RETURN
TO

Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701



PENALTY FOR PRIVATE
USE, \$300

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

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 - Endorse article "Return Receipt Requested" adjacent to number.

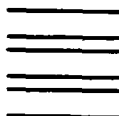
RETURN
TO

Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701



PENALTY FOR PRIVATE
USE, \$300

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

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 - Endorse article "Return Receipt Requested" adjacent to number.

RETURN
TO

Print Sender's name, address, and ZIP Code in the space below.

Larry Murphy

Shimney 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701



PENALTY FOR PRIVATE
USE, \$300

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

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1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Bureau of Land Management
P.O. Box 1778
Carlsbad, New Mexico 88220-1778

4. Article Number: P 764 684 074

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature Addressee

6. Signature Agent: *[Signature]*

7. Date of Delivery: *7/8/91*

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Meridian Oil, Inc.
21 Desta Drive
Midland, Texas 79705
ATTN: Dennis Sledge

4. Article Number: P 764 684 069

Type of Service: ☒ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature Addressee

6. Signature Agent: *[Signature]*

7. Date of Delivery: *7-3-91*

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Amoco Production Company
501 Westlake Park Blvd.
Houston, Texas 72253
ATTN: Tim Custer

4. Article Number: P 764 684 072

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature Addressee

6. Signature Agent: *[Signature]*

7. Date of Delivery: *JUL 8 - 1991*

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: C. Daniel Walker & Wife
Jo Ann Walker
6729 Brants Lane
Fort Worth, Texas 76116

4. Article Number: P 764 684 077

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature Addressee: *[Signature]*

6. Signature Agent: *[Signature]*

7. Date of Delivery: *7-5-91*

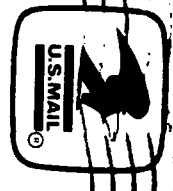
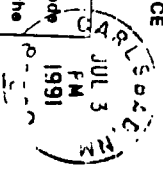
8. Addressee's Address (ONLY if requested and fee paid): *6729 Brants Lane*

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

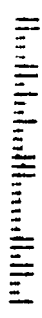


PENALTY FOR PRIVATE USE, \$300

TURN TO

Print Sender's name, address, and ZIP Code in the space below.
Larry Murphy

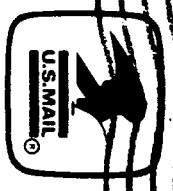
Shinnery 14 Fed #5
Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1330
Midland, Texas 79701



UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

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PENALTY FOR PRIVATE USE, \$300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.
Larry Murphy

Shinnery 14 Fed #5
Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1330
Midland, Texas 79701

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

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PENALTY FOR PRIVATE USE, \$300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.
Larry Murphy

Shinnery 14 Fed #5
Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1330
Midland, Texas 79701



UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

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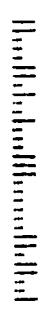


PENALTY FOR PRIVATE USE, \$300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.
Larry Murphy

Shinnery 14 Fed #5
Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1330
Midland, Texas 79701



SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Lewis Burleson & wife,
Kathryn Burleson
P.O. Box 2479
Midland, Texas 79702

4. Article Number
P 764 684 083

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

6. Signature - Agent

7. Date of Delivery
7-3-91

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Caviness Ranch
c/o Gary & Herschel Caviness
East Star Route
Maljamar, New Mexico 88264

4. Article Number
P 764 684 073

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

6. Signature - Agent

7. Date of Delivery
07-03-81

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
Esperanza Energy Corp.
7400 Dallas Pkwy, Suite 210
The Lakes at Bent Tree
Dallas, Texas 75252

4. Article Number
P 764 684 081

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

6. Signature - Agent

7. Date of Delivery
7-5-91

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
O.H. Berry & wife
Virginia B. Berry
One Marlenfeld Place, Suite 188
Midland, Texas 79701

4. Article Number
P 764 684 082

Type of Service:
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee

6. Signature - Agent

7. Date of Delivery
7/3/91

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

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.

PENALTY FOR PRIVATE
USE, \$300



RETURN
TO Print Sender's name, address, and ZIP Code in the space below.

Shinnery 14 Fed #5
SMD Well
Larry Murphy

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

SENDER INSTRUCTIONS

- Print your name, address and ZIP Code in the space below.
- Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits, otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.

PENALTY FOR PRIVATE
USE, \$300



RETURN
TO Print Sender's name, address, and ZIP Code in the space below.

Shinnery 14 Fed #5
SMD Well
Larry Murphy

Santa Fe Energy Operating Partners, L.P.
650 W. Texas Suite 1330
Midland, Texas 79701

UNITED STATES POSTAL SERVICE
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SMD Well
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● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.
1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3- Article Addressed to: BLM-Carlsbad Resource Area P.O. Box 1778 Carlsbad, New Mexico 88220		4. Article Number P 764 684 067	
5. Signature - Addressee <input checked="" type="checkbox"/>		Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
6. Signature - Agent <input checked="" type="checkbox"/>		8. Addressee's Address (ONLY if requested and fee paid) Always obtain signature of addressee or agent and DATE DELIVERED.	
7. Date of Delivery 7/21/91			

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

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1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Marshall & Winston, Inc. #6 Dista Drive Suite 3100 Midland, Texas 79705 ATTN: Land Dept.		4. Article Number P 764 684 071	
5. Signature - Addressee <input checked="" type="checkbox"/>		Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
6. Signature - Agent <input checked="" type="checkbox"/>		8. Addressee's Address (ONLY if requested and fee paid) Always obtain signature of addressee or agent and DATE DELIVERED.	
7. Date of Delivery 7/8/91			

PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

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1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Sierte Oil & Gas Corp. 200 West First Suite 200 Roswell, New Mexico 88201 ATTN: Gene Shumate		4. Article Number P 764 684 068	
5. Signature - Addressee <input checked="" type="checkbox"/>		Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
6. Signature - Agent <input checked="" type="checkbox"/>		8. Addressee's Address (ONLY if requested and fee paid) Always obtain signature of addressee or agent and DATE DELIVERED.	
7. Date of Delivery 7-8-91			

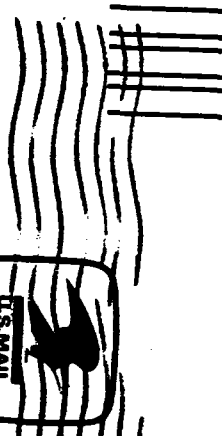
PS Form 3811, Apr. 1989 *U.S.G.P.O. 1989-238-815 DOMESTIC RETURN RECEIPT

SERVICE
NOT PAID FOR

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

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PENALTY FOR PRIVATE USE, \$300

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Larry Murphy

Shimnery 14 Fed #5
SMD Well

Santa Fe Energy Operating Partners, L.P.
550 W. Texas Suite 1330
Midland, Texas 79701

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1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Oil Conservation Commission P.O. Box 2088 Santa Fe, New Mexico 87504 ATTN: Mr. William J. Lemay	4. Article Number P 764 684 065
5. Signature Addressee <input checked="" type="checkbox"/>	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
6. Signature - Agent <input checked="" type="checkbox"/>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 4/15	Always obtain signature of addressee or agent NO DATE DELIVERED.

PS Form 3811, Apr. 1989

* U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

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1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Oil Conservation Division District I P.O. Box 1980 Hobbs, New Mexico 88240	4. Article Number P 764 684 066
5. Signature Addressee <input checked="" type="checkbox"/>	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
6. Signature - Agent <input checked="" type="checkbox"/>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery 4-30-91	Always obtain signature of addressee or agent DATE DELIVERED.

PS Form 3811, Apr. 1989

* U.S.G.P.O. 1989-238-815

DOMESTIC RETURN RECEIPT

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Shinnery 14 Fed #5
SWD Well

Santa Fe Energy Operating Partners, L.P.
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Midland, Texas 79701

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LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE