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April 8, 2015

Phillip R. Goetze, P.G.
Engineering and Geological Services Bureau
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM, 87505

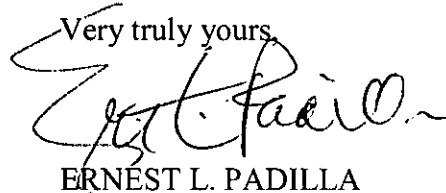
Case 15308
2015 APR 14 P 3:12
RECEIVED OGD

**Re: Notice of Protest for Application to Inject
Superior State Well No. 1 (API 30-015-04745)
Section 8, T. 25 S., R. 30E, NMPM Eddy County**

Dear Mr. Goetze,

Regarding the protest of BOPCO, LP to the application of Smith and Marrs, Inc. for approval of a salt water disposal well, please set the case for hearing and notify this office.

Very truly yours,



ERNEST L. PADILLA

Elp:rs

cc: J. Bruce, Esq.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF SMITH & MARRS
INC. FOR A SALT WATER
DISPOSAL WELL, IN ~~SEA~~ EDDY COUNTY,
NEW MEXICO. **EDDY FD**

RECEIVED OCD

2015 APR 15 A 11: 44

Case No. 15307 ⁸

APPLICATION FOR SALT WATER DISPOSAL

Smith & Marrs Inc., by and through its undersigned attorney, applies for an order approving a salt water disposal well, and in support thereof, states:

1. Applicant seeks an order proposing a salt water disposal its Superior State #1, located 1980' FNL and 660' FEL, Unit H, Section 8, Township 25 South, Range ~~35~~ ³⁰ East, N.M.P.M., Eddy County, New Mexico. **FD**

2. Applicant proposes to set a packer at 3636 feet below the surface of the earth and then inject into the Delaware Sand formations at the perforated depths of 3736' to 3776'.

3. Attached hereto is Form C-108.

4. The granting of this application will prevent waste and protect correlative rights.

WHEREFORE, Applicant requests that, after notice and hearing, the Division enter its order approving this application.

Respectfully submitted,

PADILLA LAW FIRM, P.A.

/s/ Ernest L. Padilla

ERNEST L. PADILLA,
Attorney for Smith & Marrs Inc.
PO Box 2523
Santa Fe, New Mexico 87504
505-988-7577

APPLICATION FOR AUTHORIZATION TO INJECT

Case 15308
RECEIVED OGD
2015 APR 15 A 11:44

I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No

II. OPERATOR: Smith and Marrs Inc.

ADDRESS: Box 310 Memphis, Texas 79245

CONTACT PARTY: Rickey Smith

PHONE: 432-940-0490

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 X No
If yes, give the Division order number authorizing the project: _____

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

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

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

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

IX. Describe the proposed stimulation program, if any.

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

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

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

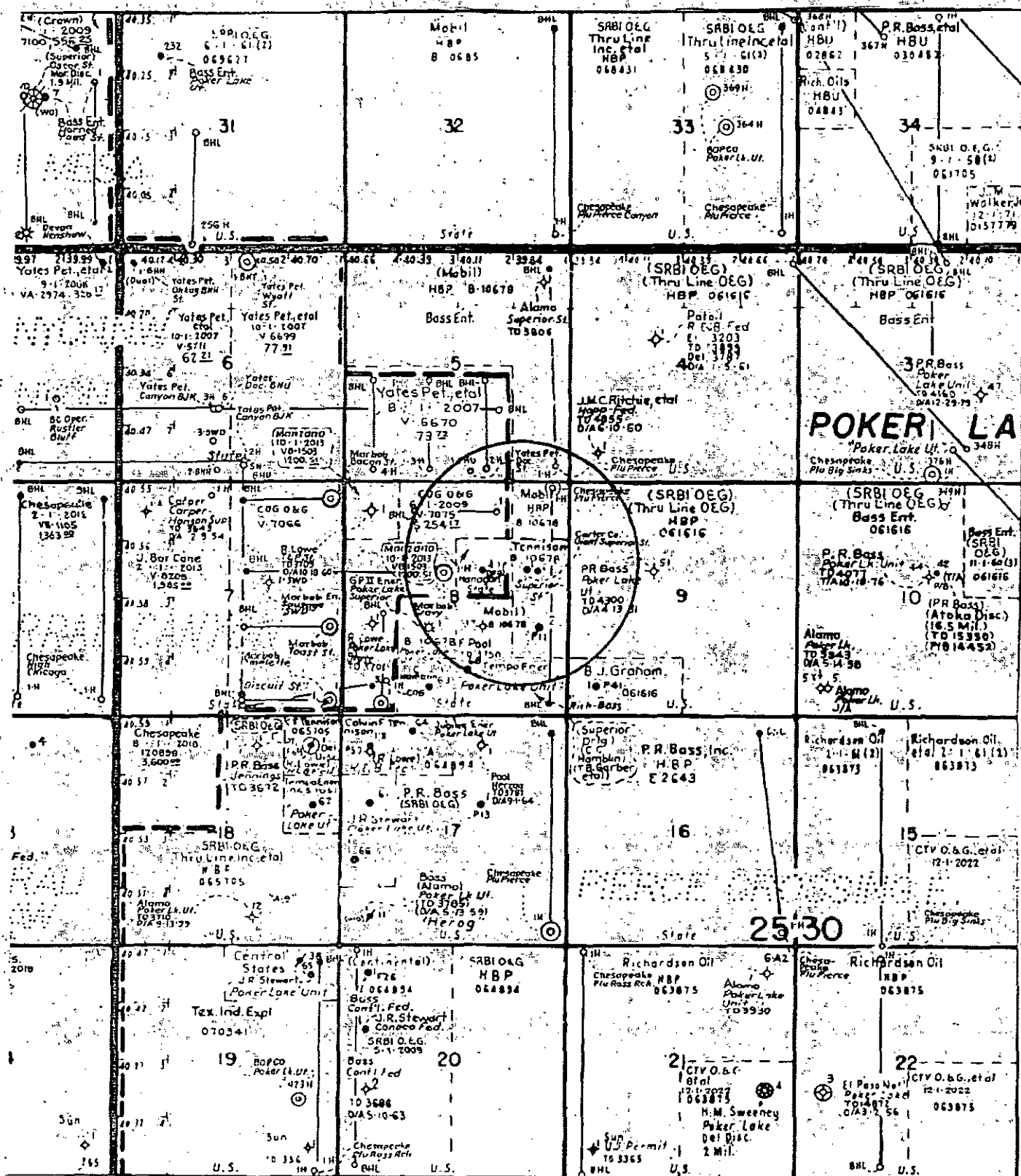
TITLE: Owner

SIGNATURE: Rickey Smith

DATE: 2/25/15

E-MAIL ADDRESS: rickeysmith@classicnet.net

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



ATTACHMENT TO APPLICATION C-108

Superior State #1 (API 30-015-04745)
Unit H, Sect. 8, Tws. 25 S., Rng. 30 E.
Eddy Co., NM

III. WELL DATA

- A.
 - 1) See injection well data sheets and attached schematics.
 - 2) See injection well data sheets and attached schematics.
 - 3) 2 7/8" coated tubing.
 - 4) Baker lock set or the equivalent.
- B.
 - 1) Injection formation is the Delaware Sand.
 - 2) Injection interval 3736' to 3776'.
 - 3) This is an existing well converted to SWD.
 - 4) The next higher producing zone is the base of salt at 3480'.
The next lower producing zone is the Bone Springs at approximately 7500'.

IV. NO.

V. MAP ATTACHED.

VI. LIST OF WELLS AND DATA ATTACHED.

VII. Smith and Marrs plans to convert the Superior State #1 to a SWD, to dispose of water from its own offset production from the Delaware formation. Will pull production equipment, go on hole and perforate as needed, acidize and put on injection. Plan to run 2 7/8" plastic coated tubing and packer set at approximately 3636' or within 100 ft. of upper most perms. Load backside with packer fluid, run MIT as OCD requires and put on injection.

- 1) Plan to inject approximately 10,000 bpd of produced water from Smith and Marrs own wells, which are in the Delaware.
- 2) Closed system.
- 3) Average injection pressure should be approximately 600# or whatever limit OCD allows.
- 4) Only produced water from Delaware.

VIII. The proposed disposal formation is interbedded sand and limestone. The primary

geologic formation is the Lower Delaware from 3736' to 3808'

The fresh water formation for this area would be the Santa Rosa which would be between 300' to 400' below surface, no sampling points available.

IX. ACID AS NEEDED.

X. PREVIOUSLY SUBMITTED TO OCD.

XI. ATTACHED.

XII. I, Eddie W. Scay, have examined all available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zones and any underground source of drinking water pertaining to this well.

XIII. ATTACHED.

INJECTION WELL DATA SHEET

WELL NAME & NUMBER: Superior State #1 (API 30-015-04745)

WELL LOCATION: 1980/N 1660/E H 8 25 30
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELL CONSTRUCTION DATA

[illegible]

Cemented with: **135** SX. or ft

Top of Cement: See spec Method Determined: Cure

Hole Size: _____ Casing Size: _____

Cemented with: _____ sx. or _____ ft.

Top of Cement: _____ Method Determined: _____

Hole Size: 6.25 Casing Size: 4.5

Cemented with: 125 SX. or ft

Top of Cement: 2635 Method Determined: Calculate

Total Depth: 3808

Injection Interval

3736 feet to 3776

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 2 3/8 Lining Material: IPC
 Type of Packer: Baker loc set
 Packer Setting Depth: Approx 3636 m within 100 ft. of top parts.
 Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? Yes X No.
 If no, for what purpose was the well originally drilled? Delaware producer
which is non-economic
2. Name of the Injection Formation: Delaware
3. Name of Field or Pool (if applicable): Coral Canyon Delaware
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No only
Delaware
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Upper most zone is base of Salt 3480
lower most zone is the Bone Springs 7500

DISPOSAL WELL

30-015-04745	SUPERIOR STATE	1	SMITH & MARRS INC	3808	O	A	Eddy	S	II	8	25	S	30	E	1980	N	660	E
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API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Dist				
30-015-36998	POKER LAKE UNIT CVX JV PG	4H	BOPCO, L.P.	12327	O	A	Eddy	S	P	5	25	S	30	E	350	S	350	E	2344
30-015-37937	POKER LAKE UNIT CVX JV PC	7H	BOPCO, L.P.	12700	O	A	Eddy	S	A	8	25	S	30	E	145	N	400	E	1847
30-015-37260	EGGS STATE COM	1H	COG OPERATING LLC	13837	O	A	Eddy	S	B	8	25	S	30	E	660	N	1650	E	1679
30-015-37053	GRAVY STATE COM	1H	COG OPERATING LLC	12155	O	A	Eddy	S	F	8	25	S	30	E	1980	N	2310	W	2310
30-015-04746	HANAGAN STATE	1	GIANT OPERATING LLC	3773	O	A	Eddy	S	G	8	25	S	30	E	1980	N	1980	E	1368
30-015-37077	GIANT SUPERIOR STATE	1	SMITH & MARRS INC	6000	O	A	Eddy	S	H	8	25	S	30	E	1983	N	990	E	378
30-015-10181	SUPERIOR STATE	2	SMITH & MARRS INC	3763	O	A	Eddy	S	I	8	25	S	30	E	1980	S	660	E	1320
30-015-20116	POKER LAKE UNIT	37	FRED POOL DRILLING CO	3756	O	P	Eddy	S	J	8	25	S	30	E	1980	S	1980	E	1901
30-015-23606	POKER LAKE UNIT	51	PERRY R BASS	3962	O	P	Eddy	F	F	9	25	S	30	E	1980	N	1980	W	2592

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-04745	
FORM	DEPTH	OPERATOR: SMITH & MARRS INC	
		LEASENAME: SUPERIOR STATE	
		WELL NO. 1	
		SURF LOC: UL: H SEC: 8 TWN: 25S RNG: 30E	
		1980 N 660 E	
		BH LOC: UL: H SEC: 8 TWN: 25S RNG: 30E	
		1980 N 660 E	
		MD 3808 TVD 3808 KB DF	
		GL	
		POOL CORRAL CANYON; DELAWARE	
		Perf 3740-3774	
		POOL	
		Perf	
Casing Record			
	SIZE	DEPTH	CMT
SURF.	7	624	135 sxs
PROD	4.5	3808	125 sxs
		HOLE SIZE	TOC
		9	0' Circ
		6.25	2635 Cal
SPUD: 08/25/1962 COMP: 12/15/1962			
Perf 3740-3774 TD 3808' TOC @ 2635'			
4 1/2" @ 3808' TOC @ 2635'			
TOC @ 2635			
7" @ 624' TOC @ 0'			
Rustler 737 T. Salt 774 B. Salt 3480 Del. Lime 3682 Del. Sand 3736			

PREPARED BY:

UPDATED

02/11/15

AFTER WELLBORE SCHEMATIC

COMPLETION SCHEMATIC		APINUM: 30-015-04745																									
FORM	DEPTH	OPERATOR: SMITH & MARRS INC																									
		LEASENAME: SUPERIOR STATE																									
		WELL NO. 1																									
		SURF LOC:	UL: H SEC: 8 TWN: 25S RNG: 30E																								
		1980 N 660 E																									
		BH LOC:	UL: H SEC: 8 TWN: 25S RNG: 30E																								
		1980 N 660 E																									
		MD	3808																								
		TVD	3808																								
		KB	DF																								
		GL																									
POOL CORRAL CANYON, DELAWARE		Perf 3740-3774																									
POOL		Perf																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="6" style="text-align: left;">CASING RECORD</th> </tr> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> </thead> <tbody> <tr> <td>SURF.</td> <td>7</td> <td>624</td> <td>135 sxs</td> <td>9</td> <td>0' Circ</td> </tr> <tr> <td>PROD</td> <td>4.5</td> <td>3808</td> <td>125 sxs</td> <td>6.25</td> <td>2635 Cal</td> </tr> </tbody> </table>				CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	7	624	135 sxs	9	0' Circ	PROD	4.5	3808	125 sxs	6.25	2635 Cal
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SURF.	7	624	135 sxs	9	0' Circ																						
PROD	4.5	3808	125 sxs	6.25	2635 Cal																						
SPUD: 08/25/1962 COMP: 12/15/1962																											
2 7/8 IPC tbng w/ pkr set within 100' uppermost perf.																											
Perf 3740-3774		Proposed injection interval 3736-3776																									

PREPARED BY:

UPDATED

02/11/15

COMPLETION SCHEMATIC					
FORM	DEPTH				
Rustler	665	10 3/4" @ 643' Mud in			
T. Salt	705				
B. Salt	3410	7" @ 2185' Mud in			TOC @ 2635
Del. Lime	3675				
Del. Sand	3705				
		4 1/2" @ 3773' TOC @ 0'			TD 3773'

APINUM: 30-015-04746					
OPERATOR: GIANT OPERATING LLC					
LEASENAME: HANAGAN STATE					WELL NO. 1
SURF LOC:	UL:	G	SEC:	8	TWN: 25S RNG: 30E
		1980 N			1980 E
BH LOC:	UL:	G	SEC:	8	TWN: 25S RNG: 30E
		1980 N			1980 E
MD		3773	TVD	3773	KB DF
				GL	
POOL				Perf	3709-3711
CORRAL CANYON;DELAWARE					
POOL				Perf	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	10.75	643	Mud	12.25	na
INT1	7	2185	Mud	8.5	na
PROD	4.5	3773	660 sxs	6.625	0' Cal

SPUD: 10/15/1961
COMP: 01/22/1962

Proposed injection interval
3705-3745

Prepared by: [Signature]
Checked by: [Signature]

DATE PREPARED: 02/11/15

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-10181																	
FORM	DEPTH	OPERATOR: SMITH & MARRS INC																	
		LEASENAME: SUPERIOR STATE																	
		WELL NO. 2																	
		SURF LOC: UL: 1 SEC: 8 TWN: 25S RNG: 30E																	
		1980 S 660 E																	
		BH LOC: UL: 1 SEC: 8 TWN: 25S RNG: 30E																	
		1980 S 660 E																	
		MD 3763 TVD 3763 KB DF																	
		GL																	
		POOL CORRAL CANYON, DELAWARE																	
		POOL																	
OH 3739-3783																			
Perf																			
Casing Record																			
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SURF.	8.625	570	165 sxs	11	0' Circ														
PROD	5.5	3739	75 sxs	7.875	3481 Cal														
SPUD: 02/27/1963 COMP: 05/06/1963																			
Proposed injection interval 3740-3780																			
Rustler	740	TOC @ 0'																	
T. Salt	775																		
B. Salt	3428	TOC @ 3481																	
Del. Lime	3710																		
Del. Sand	3740	OH 3739-3783																	
5 1/2\"/>																			
TOC @ 2635'																			
TD 3763'																			

PREPARED BY:

UPDATED

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-20116																																																													
FORM	DEPTH	OPERATOR: FRED POOL DRILLING COMPANY																																																													
Rustler	890		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="4">LEASENAME: POKER LAKER UNIT</td> <td colspan="2">WELL NO. 37</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: J</td> <td>SEC: 8</td> <td>TWN: 25S</td> <td colspan="2">RNG: 30E</td> </tr> <tr> <td colspan="4">1980 S</td> <td colspan="2">1980 E</td> </tr> <tr> <td>BH LOC:</td> <td>UL: J</td> <td>SEC: 8</td> <td>TWN: 25S</td> <td colspan="2">RNG: 30E</td> </tr> <tr> <td colspan="4">1980 S</td> <td colspan="2">1980 E</td> </tr> <tr> <td>MD</td> <td>3756</td> <td>TVD</td> <td>3756</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="4"></td> <td>GL</td> <td></td> </tr> <tr> <td colspan="4">POOL</td> <td colspan="2">OH</td> </tr> <tr> <td colspan="4">DRY HOLE</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">POOL</td> <td colspan="2">Perf</td> </tr> </table>	LEASENAME: POKER LAKER UNIT				WELL NO. 37		SURF LOC:	UL: J	SEC: 8	TWN: 25S	RNG: 30E		1980 S				1980 E		BH LOC:	UL: J	SEC: 8	TWN: 25S	RNG: 30E		1980 S				1980 E		MD	3756	TVD	3756	KB	DF					GL		POOL				OH		DRY HOLE						POOL				Perf	
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T. Salt	925																																																														
B. Salt	3450		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">CASING RECORD</th> </tr> <tr> <th></th> <th>SIZE</th> <th>DEPTH</th> <th>CMT</th> <th>HOLE SIZE</th> <th>TOC</th> </tr> <tr> <td>SURF.</td> <td>8.625</td> <td>570</td> <td>165 sxs</td> <td>11</td> <td>0' Circ</td> </tr> <tr> <td>PROD</td> <td>5.5</td> <td>3739</td> <td>75 sxs</td> <td>7.875</td> <td>????</td> </tr> <tr> <td>Liner 1</td> <td>3 1/2</td> <td>3684-3748</td> <td>20 sxs</td> <td></td> <td></td> </tr> </table>	CASING RECORD							SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	8.625	570	165 sxs	11	0' Circ	PROD	5.5	3739	75 sxs	7.875	????	Liner 1	3 1/2	3684-3748	20 sxs																																
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Del. Lime	3710		SPUD: 12/11/1967 COMP: 01/28/1974 P&A: 01/28/1974																																																												
Del. Sand	3740																																																														
		Proposed Injection Interval 3740-3780																																																													

PREPARED BY:

UPDATED

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-23606																																				
FORM	DEPTH	OPERATOR: PERRY R BASS																																				
Rustler 740 T. Salt 992 B. Salt 3558 Del. Lime 3764 Del. Sand 3794	8 5/8" @ 975' TOC @ 0'	Plug 10 sx Plug 50 sx																																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">SURF LOC:</td> <td>UL: F</td> <td>SEC: 9</td> <td>TWN: 25S</td> <td>RNG: 30E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">1980 N</td> <td colspan="2">1980 W</td> </tr> <tr> <td colspan="2">BH LOC:</td> <td>UL: F</td> <td>SEC: 9</td> <td>TWN: 25S</td> <td>RNG: 30E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">1980 N</td> <td colspan="2">1980 W</td> </tr> <tr> <td>MD</td> <td>3962</td> <td>TVD</td> <td>3962</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">GL</td> <td colspan="2"></td> </tr> </table>		SURF LOC:		UL: F	SEC: 9	TWN: 25S	RNG: 30E			1980 N		1980 W		BH LOC:		UL: F	SEC: 9	TWN: 25S	RNG: 30E			1980 N		1980 W		MD	3962	TVD	3962	KB	DF			GL			
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	SIZE	DEPTH	CMT	HOLE SIZE	TOC																																	
SURF.	8.625	975	400 sxs	12 1/4	0' Circ																																	
PROD																																						
SPUD: 04/01/1981 P&A : 04/12/1981																																						
Plug 50 sxs 3763-3913 Proposed Injection Interval 3794-3834																																						
TD 3962'																																						

PREPARED BY:

UPDATED

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-36998																									
FORM	DEPTH	OPERATOR: BOBCO, LP																									
Rustler 688 8 5/8" @ 695' TOC @ 0' T. Salt 724 B. Salt 3526 Del. Lime 3685 Del. Sand 3733 9 5/8" @ 3730' TOC @ 0' Bone Spring 7509 TOC @ 3197 <u>Proposed injection interval --</u> <u>3733-3773</u> MD : 12357 TVD: 7897 Perfs MD 7900-12327 Perfs TVD 7826-7897 5 1/2" @ MD 12357' TOC @ 3197'		LEASENAME: POKER LAKE UNIT CVX JV PC WELL NO. 4H SURF LOC: UL: P SEC: 5 TWN: 25S RNG: 30E 350 S 350 E BH LOC: UL: A SEC: 5 TWN: 25S RNG: 30E 398 N 502 E MD 12357 TVD 7897 KB DF GL 3243 POOL PIERCE CROSSING; BS, EAST Perf MD 7900-12327 POOL Perf TVD 7826-7897																									
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			SIZE	DEPTH	CMT	HOLE SIZE	TOC																				
		SURF.	13.375	695	900 sxs	17.5	0 Circ																				
		INT1	9.625	3730	1121 sxs	12.5	0 Circ																				
		PROD	5.5	12357	1845 sxs	8.75	3197																				
		SPUD: 01/02/2010 COMP: 03/02/2010																									
		PREPARED BY: _____																									
		UPDATED: 02/11/15																									

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-37053	
FORM	DEPTH	OPERATOR: COG OPERATING LLC	
Rustler 720 T. Salt 765 B. Salt 3378 Del. Lime 3598 Del. Sand - 3648 Bone Spring 7509	13 3/8" @ 728' TOC @ 0' 9 5/8" @ 5524' TOC @ 0'	LEASENAME: GRAVY STATE COM SURF LOC: UL: F SEC: 8 TWN: 25S RING: 30E 1980 N 2310 W BH LOC: UL: G SEC: 7 TWN: 25S RING: 30E 1980 N 2260 E MD 12357 TVD 7835 KB DF GL 3208 WELL NO. 1H Perf MD 8950-12000 TVD 7845-7836 Perf	
	TOC @ 3200 SPUD: 05/15/2009 COMP: 08/13/2009		
	Proposed injection interval 3648-3688		
	Perfs MD 8950-12000 Perfs TVD 7845-7836 MD : 12155 TVD: 7835		
	5 1/2" @ MD 12155' TOC @ 3200'		
	Perfs MD 8950-12000 Perfs TVD 7845-7836 MD : 12155 TVD: 7835		
	Perfs MD 8950-12000 Perfs TVD 7845-7836 MD : 12155 TVD: 7835		
	Perfs MD 8950-12000 Perfs TVD 7845-7836 MD : 12155 TVD: 7835		
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	Perfs MD 8950-12000 Perfs TVD 7845-7836 MD : 12155 TVD: 7835		

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-37077																																					
FORM	DEPTH	OPERATOR: SMITH & MARRS INC																																					
8 5/8" @ 570' TOC @ 0' Rustler 737 T. Salt 774 B. Salt 3480 Del. Lime 3682 Del. Sand 3730 5 1/2" @ 3739' TOC @ 0'	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">LEASENAME: GIANT SUPERIOR STATE</td> <td colspan="2">WELL NO. 1</td> </tr> <tr> <td>SURF LOC:</td> <td>UL: H SEC: 8</td> <td>TWN: 25S</td> <td>RNG: 30E</td> </tr> <tr> <td colspan="2">1983 N</td> <td colspan="2">990 E</td> </tr> <tr> <td>BH LOC:</td> <td>UL: H SEC: 8</td> <td>TWN: 25S</td> <td>RNG: 30E</td> </tr> <tr> <td colspan="2">1983 N</td> <td colspan="2">990 E</td> </tr> <tr> <td>MD 6000</td> <td>TVD 6000</td> <td>KB</td> <td>DF</td> </tr> <tr> <td colspan="2">GL 3210</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">POOL CORRAL CANYON: DELAWARE</td> <td colspan="2">Perf 3745-3770</td> </tr> <tr> <td colspan="2">POOL</td> <td colspan="2">Perf</td> </tr> </table>			LEASENAME: GIANT SUPERIOR STATE		WELL NO. 1		SURF LOC:	UL: H SEC: 8	TWN: 25S	RNG: 30E	1983 N		990 E		BH LOC:	UL: H SEC: 8	TWN: 25S	RNG: 30E	1983 N		990 E		MD 6000	TVD 6000	KB	DF	GL 3210				POOL CORRAL CANYON: DELAWARE		Perf 3745-3770		POOL		Perf	
	LEASENAME: GIANT SUPERIOR STATE		WELL NO. 1																																				
	SURF LOC:	UL: H SEC: 8	TWN: 25S	RNG: 30E																																			
	1983 N		990 E																																				
	BH LOC:	UL: H SEC: 8	TWN: 25S	RNG: 30E																																			
	1983 N		990 E																																				
	MD 6000	TVD 6000	KB	DF																																			
	GL 3210																																						
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	POOL		Perf																																				
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CASING RECORD																																							
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SURF.	8.625	527	400 sxs	12 1/4	0 Cal																																		
PROD	5.5	6000	2000 sxs	7.875	0 Cal																																		
SPUD: 06/25/2009 COMP: 05/25/2010																																							
<u>Proposed injection interval</u> 3730-3770																																							
Perf 3745-3770																																							
CIBP @ 3890 cap w/ 35' CMNT																																							
Perf 3994-4010 Dry																																							
CIBP @ 4490 cap w/ 35' CMNT																																							
Perf 4533-4553 Dry																																							
CIBP @ 5000 cap w/ 35' CMNT																																							
Perf 5020-5030 Dry																																							
CIBP @ 5270 cap w/ 20' CMNT																																							
Perf 5314-5330 Dry																																							
TD 6000'																																							

PREPARED BY:

UPDATED

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-37260																															
FORM	DEPTH	OPERATOR: COG OPERATING LLC																															
		LEASENAME: EGGS STATE COM																															
		WELL NO. 1H																															
		SURF LOC: UL: B SEC: 8 TWN: 25S RNG: 30E																															
		660 N 1650 E																															
		BH LOC: UL: B SEC: 7 TWN: 25S RNG: 30E																															
		438 N 2329 E																															
		MD 13837 TVD 7997 KB DF																															
		GL 3212																															
		POOL PIERCE CROSSING:BS, EAST																															
		POOL																															
Perf MD 9803-13837																																	
TVD 7786-7998																																	
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CASING RECORD																																	
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PROD	5.5	13837	2050 sxs	8.75	0 Circ																												
SPUD: 02/12/2011 COMP: 09/24/2011																																	
Proposed injection interval 3648-3688																																	
MD : 13837 TVD: 7997																																	
Perfs MD 9803-13725 Perfs TVD 7786-7998																																	
5 1/2\"/>																																	
@ MD 13837 TOC @ 3200'																																	

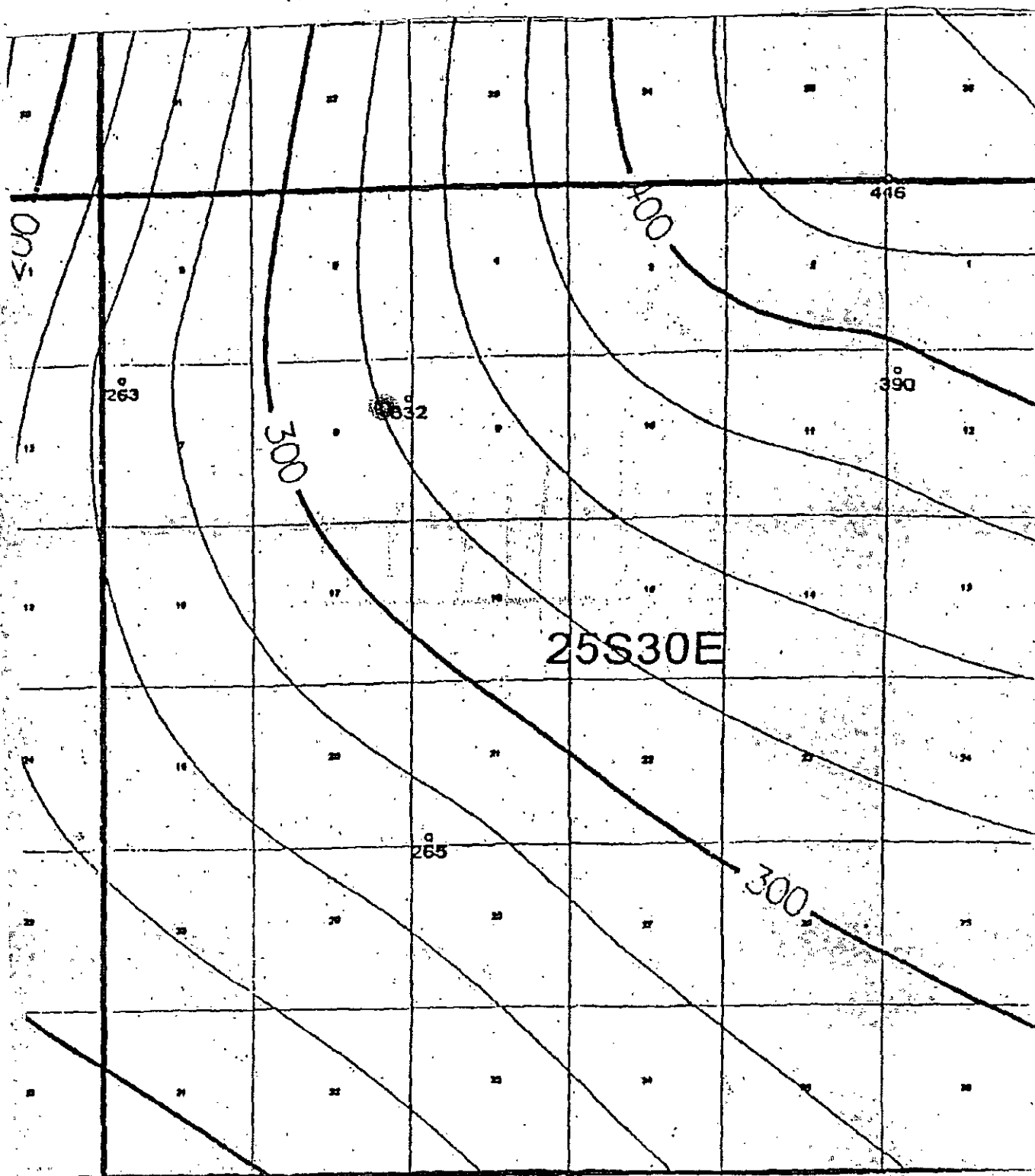
PREPARED BY:

UPDATED

02/11/15

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		APINUM: 30-015-37937	
FORM	DEPTH	OPERATOR: BOBCO, LP	
Rustler	690	LEASENAME: POKER LAKE UNIT CVX JV PC	
		WELL NO. 7H	
		SURF LOC: UL: A SEC: 8 TWN: 25S RNG: 30E	
		145 N 400 E	
		BH LOC: UL: P SEC: 8 TWN: 25S RNG: 30E	
T. Salt	735	340 S 367 E	
		MD 12700 TVD 8097 KB DF	
		GL 3235	
		POOL	
		PIERCE CROSSING: BS, EAST	
B. Salt	3460	Perf MD 8250-12675	
		TVD 8135-8098	
		POOL	
		Perf	
Del. Lime	3685	Casing Record	
		SURF. SIZE DEPTH CMT HOLE SIZE TOC	
		INT1 13.375 700 1275 sxs 17.5 0 Circ	
		PROD 8.625 3772 2125 sxs 11 0 Circ	
		5.5 12700 1500 sxs 7.875 3000 Cal	
Del. Sand	3733	SPUD: 10/06/2010	
		COMP: 11/01/2010	
		Proposed injection interval	
		3733-3773	
Bone Spring	7520	MD: 12700	
		TVD: 8097	
		5 1/2"	
		@ MD 12700'	
		TOC @ 3000'	
		Perfs MD 8250-12675	
		Perfs TVD 8135-8097	
		PREPARED BY:	
		UPDATED 02/11/15	



Groundwater Map

⊙ Proposed injection well.

SMITH AND MARRS INC.

February 2015

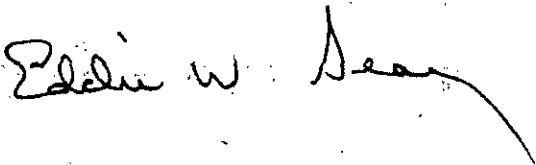
RE: Superior State #1
Unit H, Sect. 8, T. 25 S., R. 30 E.

Dear Sir:

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, you are being provided a copy of the C-108, Application for Authorization to Inject into the above captioned well to be drilled.

Any questions about the permit can be directed to Eddie W. Seay, (575)392-2236. Any objections or request for hearing must be filed with the Oil Conservation Division within fifteen (15) days from the date received. The OCD address is 1220 S. Saint Francis Drive, Santa Fe, NM 87504, (505)476-3440.

Thank you,



Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
(575)392-2236
seay04@lcaco.net

NOTICES

SURFACE OWNER

State of New Mexico
New Mexico State Land Office
310 Old Santa Fe Trail
Box 1148
Santa Fe, NM 87504

OFFSET OPERATIONS

Bureau of Land Management
620 E. Green St.
Carlsbad, NM 88220

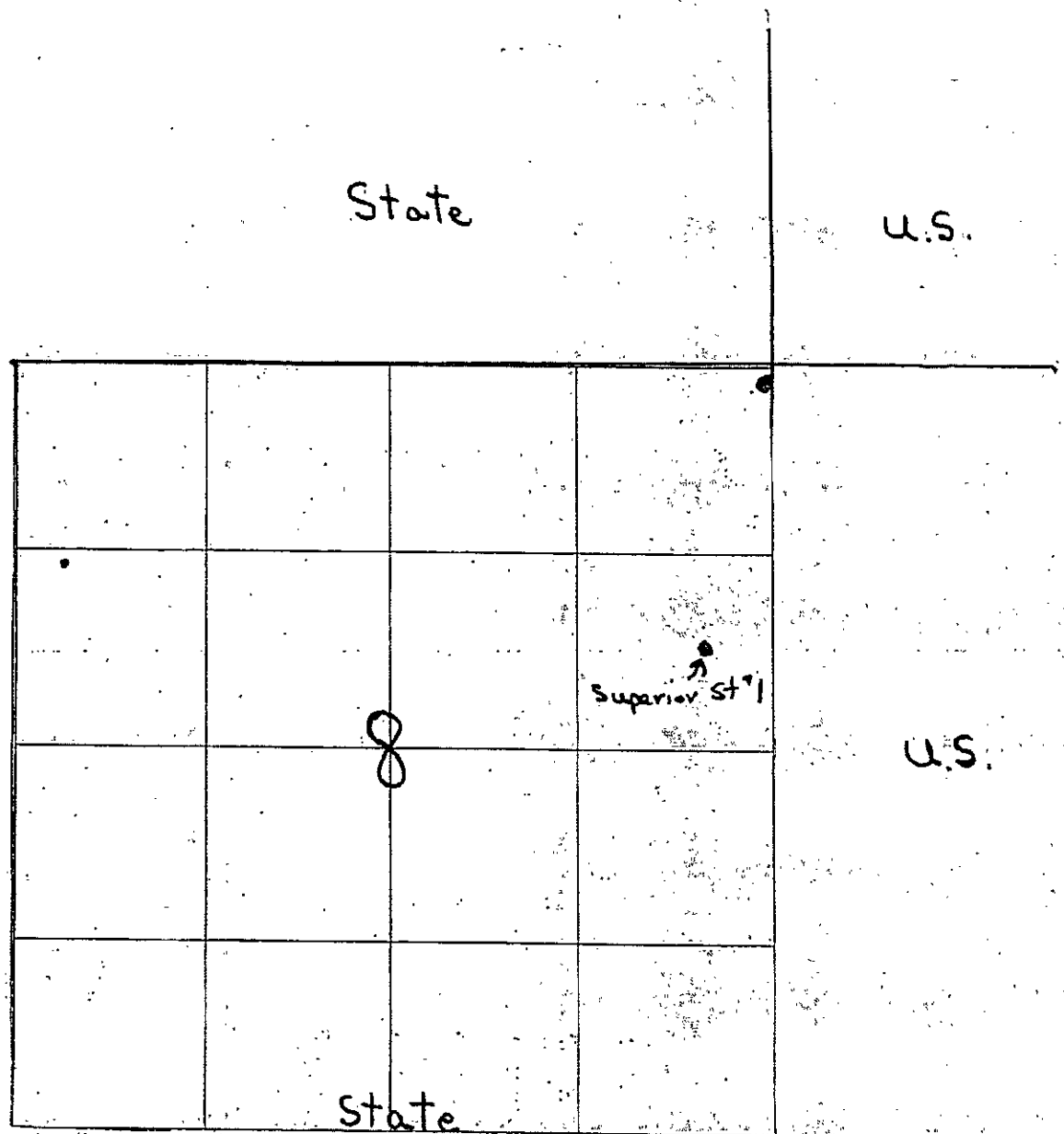
Giant Operating, LLC
2100 Ross Ave., Ste. 950
Dallas, TX 75201

Fred Pool Drilling Co.
Box 5321
Midland, TX 79701

BOPCO, LP
6 Desta Dr. Ste. 3700
Box 2760
Midland, TX 79702

COG Operating, LLC
550 W. Texas Ave., Ste. 1300
Midland, TX 79701

Surface & Mineral



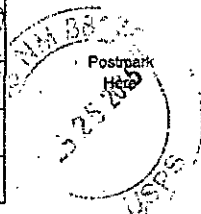
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 City, State, Zip+4
 Carlsbad, NM 88220

PS Form 3800, August 2006 See Reverse for Instructions

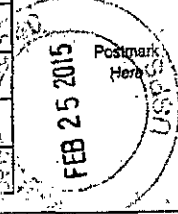
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 Fred Pool Drilling Co.
 Street, Apt. No.,
 or PO Box Box 5321
 City, State, Zip+4
 Midland, TX 79701

PS Form 3800, August 2006 See Reverse for Instructions

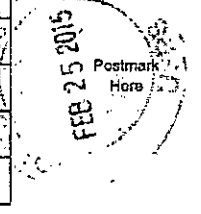
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82



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 BOPCO LP
 Street, Apt. No.,
 or PO Box 6 Dista Dr., Ste. 3700
 City, State, Zip+4
 Box 2760
 Midland, TX 79702

PS Form 3800, August 2006 See Reverse for Instructions

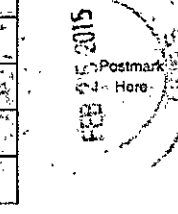
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Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82



Sent To
 Giant Operating, LLC
 Street, Apt. No.,
 or PO Box 2100 Ross Ave. Ste. 950
 City, State, Zip+4
 Dallas, TX 75201

PS Form 3800, August 2006 See Reverse for Instructions

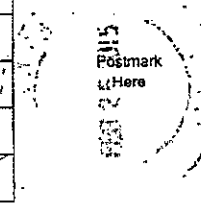
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Total Postage & Fees	\$ 7.82



Sent To
 COG Operating LLC
 Street, Apt. No.,
 or PO Box 550 W. Texas Ave., Ste. 1300
 City, State, Zip+4
 Midland, TX 79701

PS Form 3800, August 2006 See Reverse for Instructions

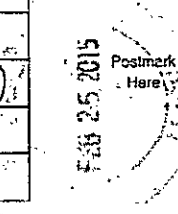
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Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82



Sent To
 NM State Land Office
 Street, Apt. No.,
 or PO Box 310 Old Santa Fe Trail
 City, State, Zip+4
 Box 1-148
 Santa Fe, NM 87504-1148

PS Form 3800, August 2006 See Reverse for Instructions

LEGAL NOTICE

Pursuant to the rules and regulations of the Oil Conservation Division of the State of New Mexico, Smith & Marrs Inc., Box 310, Memphis, TX 79245, is filing a C-108 to convert an existing well to a Salt Water Disposal. The well being applied for is the Superior State #1, located in Unit H, 1980/N 660/E Section 8, Township 25 South, Range 30 East, Eddy Co., NM. The injection formation is the Delaware Sand from 3736' to 3776' below surface. Expected maximum injection rate is 10,000 bpd., and the expected maximum injection pressure is 600 psi or what the OCD allows. Any questions about the application can be directed to Eddie W. Scay, (575)392-2236, or any objection or request for hearing must be directed to the Oil Conservation Division, (505)476-3440, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within fifteen (15) days.

Affidavit of Publication

No. 23361

State of New Mexico

County of Eddy:

Danny Scott

being duly sworn, says that he is the

Publisher

of the Artesia Daily Press, a daily newspaper of General circulation, published in English at Artesia, said county and state, and that the hereto attached

Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of the state of New Mexico for 1 Consecutive weeks/day on the same day as follows:

First Publication February 26, 2015

Second Publication

Third Publication

Fourth Publication

Fifth Publication

Sixth Publication

Subscribed and sworn before me this

26th day of February 2015.



OFFICIAL SEAL
Latisha Romine
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 5/12/2015

Latisha Romine

Latisha Romine

Notary Public, Eddy County, New Mexico

Copy of Publication:

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Published in the Artesia Daily Press, Artesia, N.M., February 26, 2015 Legal No. 23361.

NMOCD Case No. 15308

Application of Smith and Marrs Inc., for approval of a salt water disposal well, Eddy County, New Mexico; Applicant seeks an for a salt water disposal in its Superior State Well #1, located 1980' FNL and 660' FEL, Unit H, Section 8, Township 25 South, Range 30 East, N.M.P.M., Eddy County, New Mexico. The well is located approximately 10 miles south east of Malaga, New Mexico.

RECEIVED OCD

2015 APR 15 A 11:44