

DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

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

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

[A] Location - Spacing Unit - Simultaneous Dedication

☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement

☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

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

☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

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

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

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

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Eddie W Seay
 Print or Type Name

Eddie W Seay
 Signature

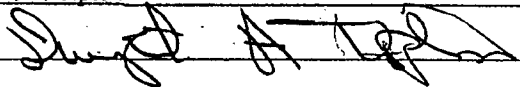
Agent
 Title

6/15/2012
 Date

seay04@1
 e-mail Address

OCD Case# 14917
 Dwight A. Tipton
 November 29, 2012
 Ex# 1

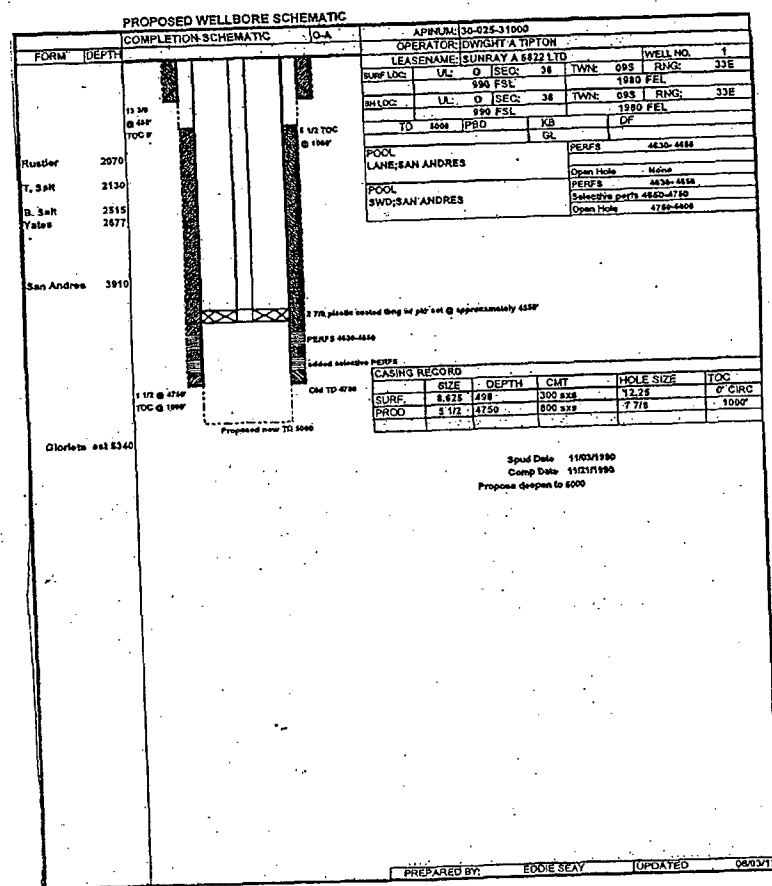
APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: Secondary Recovery Pressure Maintenance X Disposal Storage
Application qualifies for administrative approval? X Yes No
- II. OPERATOR: Dwight A. Tipton
ADDRESS: Box 1025 Lovington, NM 88260
CONTACT PARTY: Dwight A. Tipton PHONE: (575)631-1142
- 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: Dwight A. Tipton TITLE: Owner
SIGNATURE:  DATE: 6/13/2012
E-MAIL ADDRESS: seay04@leaco.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: _____

[illegible]

Side 1

INJECTION WELL DATA SHEET

OPERATOR: Dwight A. TiptonWELL NAME & NUMBER: Sunray A #1 (API 30.025.31000)WELL LOCATION: 99015 1980/E 0 36 9 33
FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGEWELLBORE SCHEMATICWELL CONSTRUCTION DATASurface Casing

Hole Size: 12 1/4 Casing Size: 8 5/8

Cemented with: 300 SX. or ft³

Top of Cement: Surface Method Determined: circulate

Intermediate Casing

Hole Size: Casing Size:

Cemented with: SX. or ft³

Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8 Casing Size: 5 1/2

Cemented with: 800 SX. or ft³

Top of Cement: 1000 Method Determined: TS

Total Depth: 4750

Injection Interval

Perfs. 4630 - 4650 feet to open hole from 4750
Perforated or Open Hole indicate which to 5000

INJECTION WELL DATA SHEET

Tubing Size: 2 $\frac{7}{8}$ Lining Material: IPC
Type of Packer: Baker Loc Set
Packer Setting Depth: 4550
Other Type of Tubing/Casing Seal (if applicable): NONE

Additional Data

1. Is this a new well drilled for injection? Yes ☒ No
If no, for what purpose was the well originally drilled? San Andres
producer
2. Name of the Injection Formation: Lower San Andres
3. Name of Field or Pool (if applicable): Lane SA
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
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:
Yates is at 2677
Glorieta at 5340

ATTACHMENT TO APPLICATION C-108

Sunray A #1 (API 30-025-31000)
Unit O, Sect. 36, Tws. 9 S., Rng. 33 E.
Lea 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" plastic coated tubing.
 - 4) Baker Lock Set.
- B.
 - 1) Injection formation is the Lower San Andres
 - 2) Injection interval 4630' to 5000'.
 - 3) Well was drilled as a producer.
 - 4) The next higher producing zone is the Yates at approximately 2677'.
 - The next lower producing zone is the Glorieta at approximately 5340'.

IV. NO.

V. MAP ATTACHED.

VI. LIST OF WELLS AND DATA ATTACHED.

VII. Tipton proposes to re-complete the #1 well by deepening the well to 5000 ft, use existing perforations and open hole to inject produced water. Acidize as needed, set 5 1/2" packer within 100 ft. of top perforations. Test casing as OCD requires.

- 1) Plan to inject approximately 1000 bpd of produced water from Tiptons own operation in offset production.
- 2) Closed system.
- 3) Average injection pressure should be approximately 800# to 1200# or whatever limit OCD allows.
- 4) Analysis attached, only produced water.
- 5) Water from offset production from San Andres.

VIII. The proposed disposal formation is interbedded shale and limestone. The primary geologic formation is the San Andres from 3910' to 4760'.

The fresh water formation in the area is the Ogallala which ranges in thickness from 100' to 160'. Analysis of water well attached.

IX. ACID AS NEEDED.

X. PREVIOUSLY SUBMITTED TO OCD.

XI. ATTACHED.

XII. I, Eddie W. Seay, 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.

DISPOSAL WELL

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W
30-025-31000	SUNRAY A 6822 LTD	1	DWIGHT A TIPTON					O		36	9 S	33 E	990 S	1980 E

Wells within 1/2 mile of the proposed disposal well.

API #	PROPERTY NAME	#	OPERATOR	TD	TYPE	STAT	CO	LAND	U/L	SEC	TWN	RNG	N/S	E/W	Distance
30-025-31061	SUNRAY A 6822 LTD	3	DWIGHT A TIPTON	4760	OIL	P	LEA	S	G	36	9 S	33 E	1980 N	1980 E	1320
30-025-00964	SUNRAY 682 LTD	2	LEGACY RESERVES OPER, LP	10898	OIL	P	LEA	S	J	36	9 S	33 E	1980 S	1980 E	2333
30-025-37466	TWITTY BHF STATE	1	LEGACY RESERVES OPER, LP	12110	GAS	TA	LEA	S	J	36	9 S	33 E	1650 S	1980 E	2333
30-025-31060	SUNRAY A 6822 LTD	2	DWIGHT A TIPTON	4756	OIL	P	LEA	S	K	36	9 S	33 E	1980 S	1980 W	1170
30-025-00970	SUNRAY 682 LTD	1	LEGACY RESERVES OPER, LP	12569	OIL	P	LEA	S	N	36	9 S	33 E	660 S	1980 W	2513
30-025-00975	LANE B	3	LEGACY RESERVES OPER, LP	9855	OIL	P	LEA	S	C	1	10 S	33 E	660 N	1980 W	1763

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A																		
FORM	DEPTH																			
		APINUM: 30-025-31000 OPERATOR: DWIGHT A TIPTON LEASENAME: SUNRAY A 6822 LTD WELL NO.: 1 SURF LOC: UL: 0 SEC: 36 TWN: 09S RNG: 33E BH LOC: UL: 0 SEC: 36 TWN: 09S RNG: 33E TD 4750 PBD KB DF GL POOL LANE;SAN ANDRES PERFS 4630- 4650 Open Hole None POOL SWD;SAN ANDRES PERFS Open Hole																		
Rustler	2070																			
T. Salt	2130																			
B. Salt	2515																			
Yates	2677																			
San Andres	3910																			
		CASING RECORD <table border="1"> <thead> <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>8.625</td> <td>498</td> <td>300 sxs</td> <td>12.25</td> <td>0' CIRC</td> </tr> <tr> <td>PROD</td> <td>5 1/2</td> <td>4750</td> <td>800 sxs</td> <td>7 7/8</td> <td>1000'</td> </tr> </tbody> </table>		SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	8.625	498	300 sxs	12.25	0' CIRC	PROD	5 1/2	4750	800 sxs	7 7/8	1000'
	SIZE	DEPTH	CMT	HOLE SIZE	TOC															
SURF.	8.625	498	300 sxs	12.25	0' CIRC															
PROD	5 1/2	4750	800 sxs	7 7/8	1000'															
		PERFS 4630-4650 TD 4750 5 1/2 @ 4750' TOC @ 1000' Glorieta est 5340																		

Spud Date 11/03/1990
Comp Date 11/21/1990

PREPARED BY:	EDDIE SEAY	UPDATED	06/03/12
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PROPOSED WELLBORE SCHEMATIC

COMPLETION SCHEMATIC		O-A																		
FORM	DEPTH																			
		APINUM: 30-025-31000 OPERATOR: DWIGHT A TIPTON LEASENAME: SUNRAY A 6822 LTD WELL NO. 1 SURF LOC: UL: 0 SEC: 36 TWN: 09S RNG: 33E 990 FSL 1980 FEL BH LOC: UL: 0 SEC: 36 TWN: 09S RNG: 33E 990 FSL 1980 FEL TD 5000 PBD KB DF GL POOL LANE;SAN ANDRES PERFS 4630- 4650 Open Hole None POOL SWD;SAN ANDRES PERFS 4630- 4650 Selective perfs 4650-4750 Open Hole 4750-5000																		
Rustler	2070																			
T. Salt	2130																			
B. Salt	2515																			
Yates	2677																			
San Andres	3910																			
		13 3/8 @ 498' TOC 0' 5 1/2 TOC @ 1000' 2 7/8 plastic coated tbng w/ pkr set @ approximately 4550' PERFS 4630-4650 added selective PERFS Old TD 4750 Proposed new TD 5000																		
Glorieta est	5340																			
		CASING RECORD <table border="1"> <thead> <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>8.625</td> <td>498</td> <td>300 sxs</td> <td>12.25</td> <td>0' CIRC</td> </tr> <tr> <td>PROD.</td> <td>5 1/2</td> <td>4750</td> <td>800 sxs</td> <td>7 7/8</td> <td>1000'</td> </tr> </tbody> </table>		SIZE	DEPTH	CMT	HOLE SIZE	TOC	SURF.	8.625	498	300 sxs	12.25	0' CIRC	PROD.	5 1/2	4750	800 sxs	7 7/8	1000'
	SIZE	DEPTH	CMT	HOLE SIZE	TOC															
SURF.	8.625	498	300 sxs	12.25	0' CIRC															
PROD.	5 1/2	4750	800 sxs	7 7/8	1000'															
		Spud Date 11/03/1990 Comp Date 11/21/1990 Propose deepen to 5000																		
		PREPARED BY: EDDIE SEAY UPDATED 06/03/12																		

WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-025-31061	
FORM	DEPTH		OPERATOR: DWIGHT A TIPTON	
			LEASENAME: SUNRAY A 6822 LTD	
			WELL NO. 3	
			SURF LOC:	UL: G SEC: 36 TWN: 09S RNG: 33E
			1980 FNL 1980 FEL	
			BH LOC:	UL: G SEC: 36 TWN: 09S RNG: 33E
			1980 FNL 1980 FEL	
			TD 4760	PBD KB DF
			GL	
			POOL LANE;SAN ANDRES	
			PERFS 4638-4646	
			Open Hole None	
			POOL	
			PERFS	
			Open Hole	

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF	8.625	525	300 sxs	12.25	0" CIRC
PROD	5 1/2	4760	975 sxs	7 7/8	990'

Spud Date 12/29/1990
Comp Date 01/15/1991

COMPLETION SCHEMATIC		O-A
FORM	DEPTH	
Rustler	2070	
T. Salt	2130	
B. Salt	2515	
Yates	2677	
San Andres	3910	
Glorieta est	5340	

13 3/8 @ 525'
TOC 0'

5 1/2 TOC @ 990'

5 1/2 @ 4760'
TOC @ 990'

TD 4760

PERFS 4620-4650

PREPARED BY: EDDIE SEAY		UPDATED: 06/03/1991	
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A	APINUM: 30-025-00964			
FORM	DEPTH		OPERATOR: LEGACY RESERVES OPERATING, LP			
			LEASENAME: SUNRAY 682 LTD		WELL NO. 2	
			SURF LOC:	UL: J	SEC: 36	TWN: 09S
			1980 FSL		1980 FEL	
			BH LOC:	UL: J	SEC: 36	TWN: 09S
			1980 FSL		1980 FEL	
			TD	10897	PBD	KB
					GL	DF
			POOL			PERFS
			VADA; UPPER PENN			9670-9680
			POOL			PERFS
			LANE; SAN ANDRES			4630-4640

	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	336	350 sxs	17.5	0' CIRC
INT1	9.625	3999	1700 sxs	12.25	0' CIRC
PROD(1)	7	10895-7728	400 sxs	8.75	7785 TS
PROD(2)	4.5	9750-6944	200 sxs	8.75	8100 Cal
PROD(3)	7	5297-0	450 sxs	8.75	3010 TS

Rustler	2035				
T. Salt	2130				
B. Salt	2520				
Yates	2670				
San Andres	3900				
Glorieta	5335				
Tubb	6810				
Abo	7670				
Wolfcamp					
Penn	9622				

13 3/8"	@ 336'	TOC @ 0'
9 5/8"	@ 3999'	TOC @ 0'
7"	@ 5297'	TOC @ 3010'
4 1/2"	@ 9750'	TOC @ 8100'
7"	@ 10895'	TOC @ 7785'

Perfs 4630-4640'
Perfs 9670-9680'
TD 10897
CIBP @ 9600 CAP W/ 84 sxs cmmt
4- 1/2 CUT & PULLED FROM 6944'
7 CUT & PULLED FROM 7728'
TOC 7 @ 7785'
TOC 4 1/2 @ 8100' Cal

SPUD:	08/19/2004
COMP(1):	12/22/2004
P&A:	03/04/1960
RE ENTRY:	04/04/1968
COMP(2):	11/15/1968
P&A:	01/16/1974
RE ENTRY:	02/02/1990
COMP(3):	03/06/1990

PREPARED BY:	UPDATED	06/03/12
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COMPLETION SCHEMATIC		TA - O
FORM	DEPTH	
Rustler	2080	
T. Salt	2180	
B. Salt	2530	
Yates	2684	
San Andres	3922	
Glorieta	5274	
Tubb	6822	
Abo	7668	
Wolfcamp	8938	
Strawn	10650	
Atoka	11265	
Morrow	11658	
Miss	11887	

13 3/8
@ 429'
TOC @ 0'

9 5/8 @ 3973'
TOC @ 0'

5 1/2 @ 12110'
TOC @ 0'

CIBP @ 10950
PERFS 11036-11050

 CIBP @ 11250 CAP W/ 35' cmnt
PERFS 11271-11417

 PLUG @ 11750 CAP W/ 10' cmnt
PERFS 11739-11786

 PLUG @ 11910
PERFS 11923-12039

TD 12440

APINUM: 30-025-37466	
OPERATOR:	LEGACY RESERVES OPERATING LP
LEASENAME:	TWITTY BHF STATE
SURF LOC:	UL: J SEC: 36 TWN: 09S RNG: 33E
	1650 FSL 1980 FEL
BH LOC:	UL: J SEC: 36 TWN: 09S RNG: 33E
	1650 FSL 1980 FEL
TD 12110	PBD KB DF
	GL
POOL MISSISSIPPIAN DRY	PERFS 11923-12039 DRY
	Open Hole
POOL MORROW DRY	PERFS 11779-11786 DRY
	Open Hole
POOL ATOKA DRY	PERFS 11271-11417 DRY
	Open Hole
POOL X-4 RANCH;STRAWN, NORTHWEST	PERFS 11036-11050
	Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	429	420 sxs	17.5	0' CIRC
INT1	9.625	3973	1450 sxs	12.25	0' CIRC
PROD	5.5	12110	2370 sxs	8.75	0' CIRC

Spud Date 01/04/2006
Comp Date 04/26/2006

TA DATE 09/24/2009
TA EXPIRE 11/09/2014

PREPARED BY:	EDDIE SEAY	UPDATED	06/03/12
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WELLBORE SCHEMATIC AND HISTORY

COMPLETION SCHEMATIC		O-A
FORM	DEPTH	
Rustler	2070	
T. Salt	2130	
B. Salt	2515	
Yates	2677	
San Andres	3910	
Glorieta est	5340	

13 3/8
@ 510'
TOC 0'

5 1/2 TOC
@ 950'

5 1/2 @ 4756'
TOC @ 950'

TD 4756 -

PERFS 4620-4650

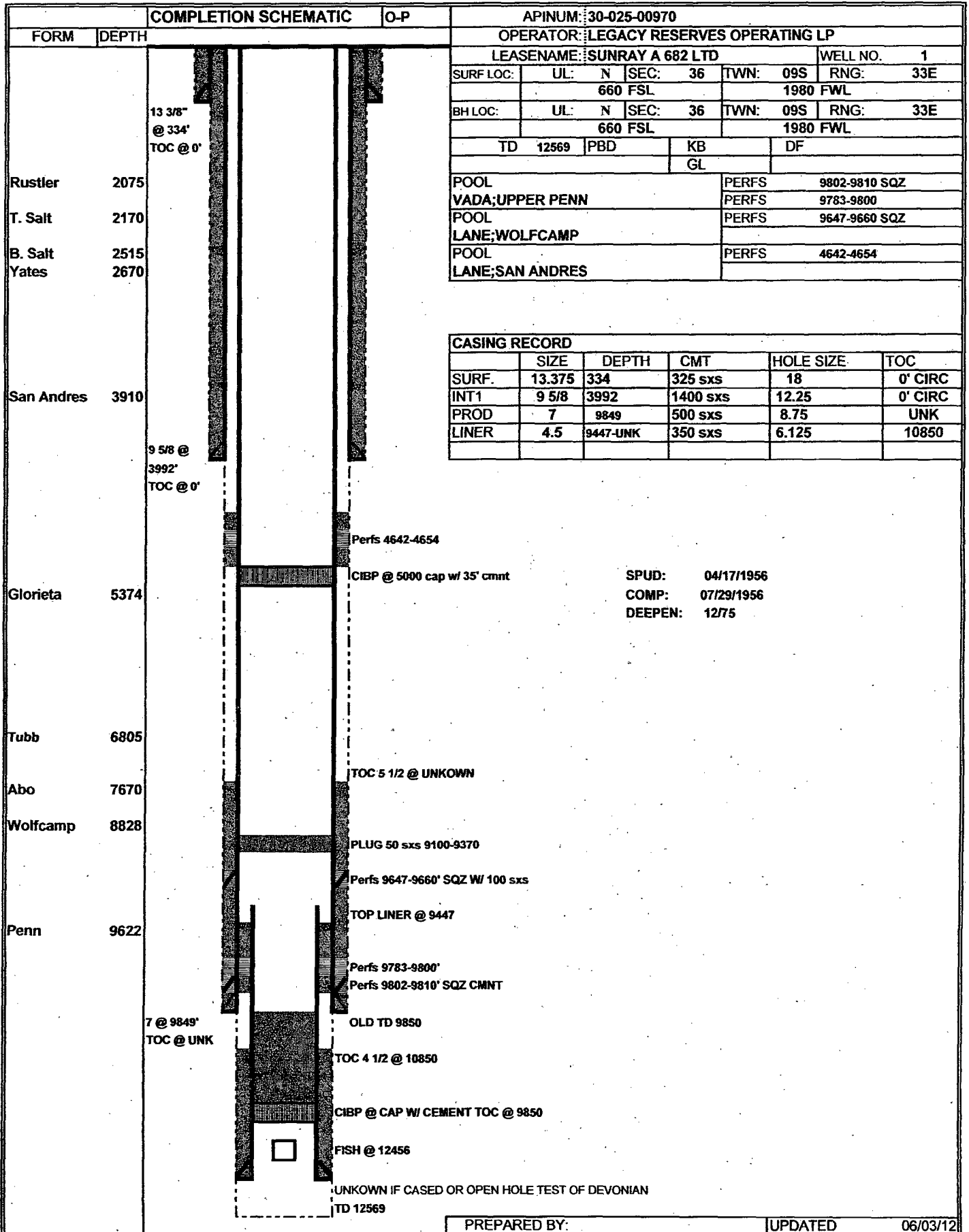
APINUM: 30-025-31060
OPERATOR: DWIGHT A TIPTON
LEASENAME: SUNRAY A 6822 LTD WELL NO. 2
SURF LOC: UL: K SEC: 36 TWN: 09S RNG: 33E
 1980 FSL 1980 FWL
BH LOC: UL: K SEC: 36 TWN: 09S RNG: 33E
 1980 FSL 1980 FWL
TD 4756 PBD KB DF
GL
POOL LANE; SAN ANDRES PERFS 4620-4650
Open Hole None
POOL PERFS
Open Hole

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	8.625	510	300 sxs	12.25	0' CIRC
PROD	5 1/2	4756	800 sxs	7 7/8	950'

Spud Date 12/18/1990
Comp Date 01/08/1991

PREPARED BY: EDDIE SEAY | UPDATED 06/03/12

WELLBORE SCHEMATIC AND HISTORY



PREPARED BY:

UPDATED

06/03/12

COMPLETION SCHEMATIC		O-P	APINUM: 30-025-00975			
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP				
		LEASENAME: LANE B				WELL NO. 3
		SURF LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		BH LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		TD	9865	PBD	KB	DF
						GL
		POOL VADA; UPPER PENN				PERFS 9785-9810
						9645-9656
		POOL LANE; WOLFCAMP				PERFS 9639-9650 SQZ
		POOL LANE; SAN ANDRES				PERFS 4516-4624

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	335	350 sxs	18	0' CIRC
INT1	9.625	4025	1700 sxs	12.25	0' CIRC
PROD	7	9855	500 sxs	8.75	7300 est

COMPLETION SCHEMATIC		O-P	APINUM: 30-025-00975			
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP				
		LEASENAME: LANE B				WELL NO. 3
		SURF LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		BH LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		TD	9865	PBD	KB	DF
						GL
		POOL VADA; UPPER PENN				PERFS 9785-9810
						9645-9656
		POOL LANE; WOLFCAMP				PERFS 9639-9650 SQZ
		POOL LANE; SAN ANDRES				PERFS 4516-4624

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	335	350 sxs	18	0' CIRC
INT1	9.625	4025	1700 sxs	12.25	0' CIRC
PROD	7	9855	500 sxs	8.75	7300 est

COMPLETION SCHEMATIC		O-P	APINUM: 30-025-00975			
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP				
		LEASENAME: LANE B				WELL NO. 3
		SURF LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		BH LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		TD	9865	PBD	KB	DF
						GL
		POOL VADA; UPPER PENN				PERFS 9785-9810
						9645-9656
		POOL LANE; WOLFCAMP				PERFS 9639-9650 SQZ
		POOL LANE; SAN ANDRES				PERFS 4516-4624

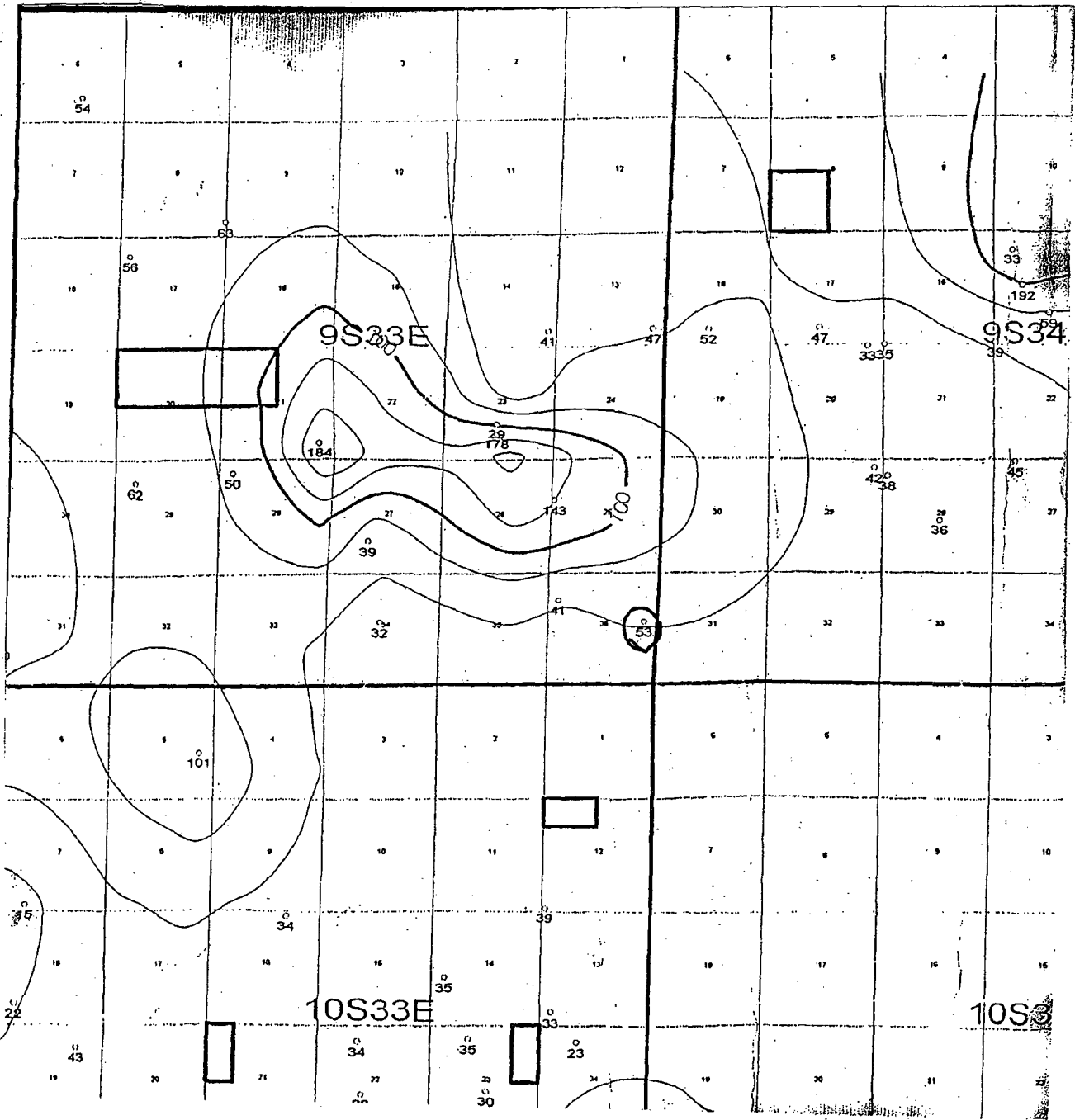
CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	335	350 sxs	18	0' CIRC
INT1	9.625	4025	1700 sxs	12.25	0' CIRC
PROD	7	9855	500 sxs	8.75	7300 est

COMPLETION SCHEMATIC		O-P	APINUM: 30-025-00975			
FORM	DEPTH	OPERATOR: LEGACY RESERVES OPERATING LP				
		LEASENAME: LANE B				WELL NO. 3
		SURF LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		BH LOC:	UL: C	SEC: 1	TWN: 10S	RNG: 33E
		660 FNL				1980 FWL
		TD	9865	PBD	KB	DF
						GL
		POOL VADA; UPPER PENN				PERFS 9785-9810
						9645-9656
		POOL LANE; WOLFCAMP				PERFS 9639-9650 SQZ
		POOL LANE; SAN ANDRES				PERFS 4516-4624

CASING RECORD					
	SIZE	DEPTH	CMT	HOLE SIZE	TOC
SURF.	13.375	335	350 sxs	18	0' CIRC
INT1	9.625	4025	1700 sxs	12.25	0' CIRC
PROD	7	9855	500 sxs	8.75	7300 est

Produced Waters

<u>POOL</u>	<u>CHLORIDES</u>
Dean Permo Pennsylvanian	44,730
Dean Devonian	19,525
Denton Wolfcamp	37,275
Denton Devonian	37,062
South Denton Wolfcamp	54,315
South Denton Devonian	34,080
Medicine Rock Devonian	39,760
Little Lucky Lake Devonian	23,288
Wantz Abo	132,770
Crosby Devonian	58,220
Scarborough Yates Seven Rivers	3,443 (Reef)
Teague Simpson	114,665
Teague Ellenburger	120,345
Rhodes Yates Seven Rivers	144,485
House San Andres	365
House Drinkard	49,700
South Leonard Queen	115,375
Elliott Abo	55,380
Scharb Bone Springs	30,601
EK Queen	41,890
East EK Queen	179,630
Maljamar Grayburg San Andres	115,375
Maljamar Paddock	115,375
Maljamar Devonian	25,418
Salt Lake Yates	6,781 (Reef)
Teas Yates Seven Rivers	22,152 (Reef?)



Groundwater Map



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

Eddie Seay Consulting
Eddie Seay
601 W. Illinois
Hobbs NM, 88242
Fax To: (505) 392-6949

Received: 04/27/2011
Reported: 04/29/2011
Project Name: TIPTON SUNRAY
Project Number: TIPTON SWD
Project Location: SECT 36 T. 9 R. 33 LEA COUNTY, NM

Sampling Date: 04/26/2011
Sampling Type: Water
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: TIPTON #1 (H100871-01)

Bicarbonate 310.1M		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Bicarbonate	327	5.00	04/27/2011	ND	964	96.4	1000	28.6		
Calcium SM3500Ca-D		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Calcium	152	1.60	04/27/2011	ND	52.1	104	50.0	0.00		
Carbonate 310.1M		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Alkalinity, Carbonate	<0.00	0.00	04/27/2011	ND	ND		0.00			
Chloride, SM4500Cl-B		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	220	4.00	04/27/2011	ND	112	112	100	3.64		
Conductivity 120.1		uS/cm		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Conductivity	1320	1.00	04/28/2011	ND	1420	101	1410	0.00		
Magnesium SM3500MgE		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Magnesium	21.9	1.00	04/27/2011	ND	51.0	102	50.0	1.16		
pH		pH Units		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
pH	7.59	0.100	04/28/2011		7.03	100	7.00	0.396		
Potassium 8049		mg/L		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	

Cardinal Laboratories

*==Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

DWIGHT A. TIPTON

June 13, 2012

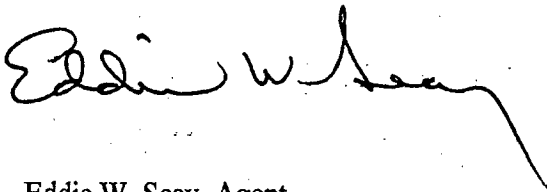
RE: Sunray A #1
Unit O, Sect. 36, Tws. 9 S., Rng. 33 E.
API 30-025-31000

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.

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,

A handwritten signature in black ink, appearing to read "Eddie W. Seay". The signature is fluid and cursive, with a long, sweeping underline that extends to the right.

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

OFFSET OPERATORS

Legacy Reserves Operating, LP
Box 10848
Midland, TX 79702

SURFACE OWNER

State Land Office
310 Old Santa Fe Trail
Box 1148
Santa Fe, NM 87504-1148

MINERAL OWNER

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

OFFSET MINERAL OWNER

BLM - U.S.
620 E. Green St.
Carlsbad, NM 88220

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Midland, TX 79702

PS Form 3800, August 2006 See Reverse for Instructions

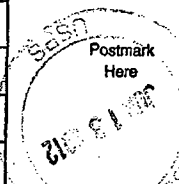
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Santa Fe, NM 87504-1148

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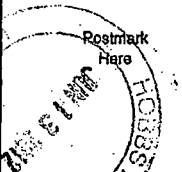
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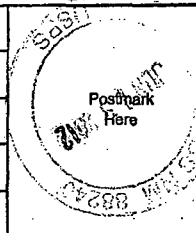
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 City, State, ZIP+4
Carlsbad, NM 88220

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, Dwight A. Tipton, Box 1025, Lovington, NM 88260, is filing a C-108, Application for Salt Water Disposal. The well being applied for is the Sunray A #1, API 30-025-31000, located in Unit O, Section 36, Township 9 South, Range 33 East, Lea Co., NM. The injection formation is the Lower San Andres from 4630' to 5000' below surface. Expected maximum injection rate is 1000 bpd., and the expected maximum injection pressure is 800 psi or what the OCD allows. Any questions about the application can be directed to Eddie W. Seay, (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.

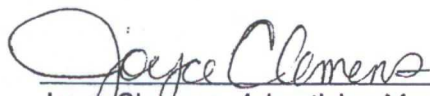
Affidavit of Publication

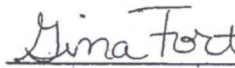
STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

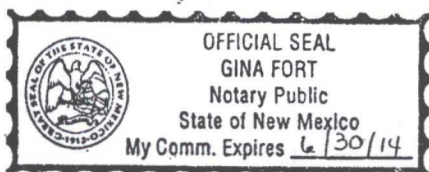
Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of THE LOVINGTON LEADER, a thrice a week newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county 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 was published in a regular and entire issue of THE LOVINGTON LEADER and not in any supplement thereof, for one (1) day(s), beginning with the issue of June 14, 2012 and ending with the issue of June 14, 2012.

And that the cost of publishing said notice is the sum of \$ 26.26 which sum has been (Paid) as Court Costs.


Joyce Clemens, Advertising Manager
Subscribed and sworn to before me this 14th day of June, 2012.


Gina Fort
Notary Public, Lea County, New Mexico
My Commission Expires June 30, 2014



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Published in the Lovington Leader June 14, 2012.