

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 \_\_\_\_\_

-SWD 1619  
-MACK ENERGY CORP  
13837  
WELL  
SPOONS SWD #1  
30-015-42824

RECEIVED  
MARCH 11 10 32

- [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

Pool Bell Canyon  
SWD, CHERRY CANYON  
96802

[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.

Deana Weaver  
Print or Type Name

*Deana Weaver*  
Signature

Production Clerk  
Title

2.16.15  
Date

dweaver@mec.com  
e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

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

II. OPERATOR: Mack Energy Corporation

ADDRESS: P.O. Box 960 Artesia, NM 88211-0960

CONTACT PARTY: Deana Weaver PHONE: (575)748-1288

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

IV. Is this an expansion of an existing project? \_\_\_\_\_ Yes  No  
If yes, give the Division order number authorizing the project: \_\_\_\_\_

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

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

VII. Attach data on the proposed operation, including:  
1. Proposed average and maximum daily rate and volume of 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 freshwater from two or more freshwater 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: Deana Weaver TITLE: Production Clerk

SIGNATURE: Deana Weaver DATE: 2.5.15

\* 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: \_\_\_\_\_

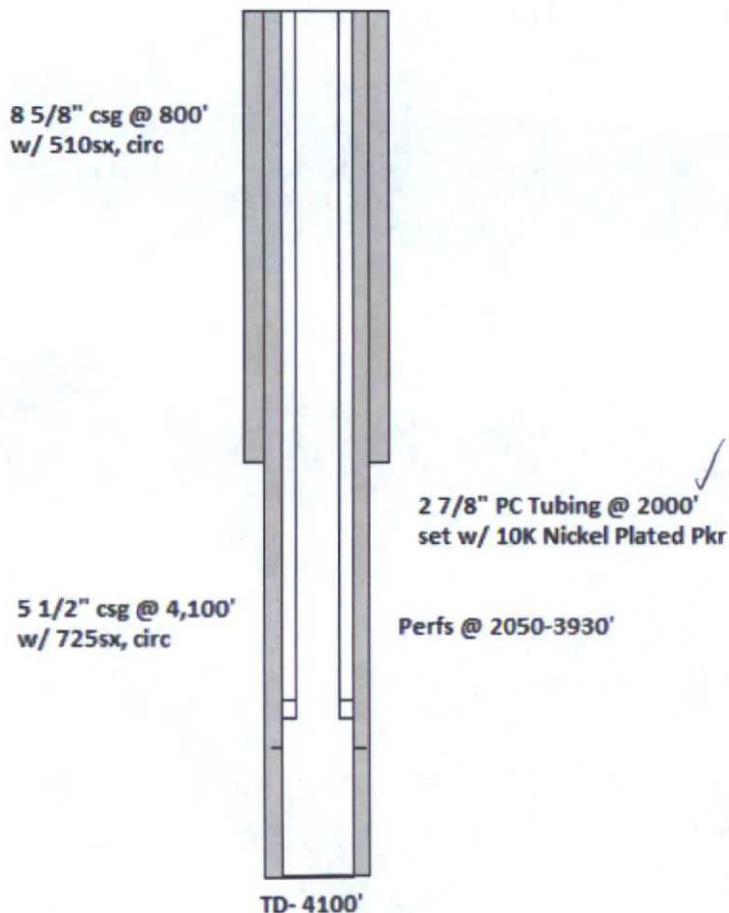
INJECTION WELL DATA SHEET

OPERATOR: Mack Energy Corporation

WELL NAME & NUMBER: Spoon SWD #1

WELL LOCATION: 1980 FSL & 660 FEL                      I                      32                      22S                      27E  
 FOOTAGE LOCATION                      UNIT LETTER                      SECTION                      TOWNSHIP                      RANGE

WELLBORE SCHEMATIC



WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 12 1/4                      Casing Size: 8 5/8" J-55  
 Cemented with: 510sx                      sx. or                      ft  
 Top of Cement: Surface                      Method Determined: Circulated

Intermediate Casing

Hole Size: \_\_\_\_\_                      Casing Size: \_\_\_\_\_  
 Cemented with: \_\_\_\_\_ sx. or \_\_\_\_\_ ft  
 Top of Cement: \_\_\_\_\_                      Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 7 7/8                      Casing Size: 5 1/2", L-80  
 Cemented with: 725sx                      sx. or                      ft  
 Top of Cement: Surface                      Method Determined: Circulated  
 Total Depth: 4,100'

Injection Interval

2050                      feet to 3930'

(Perforated or Open Hole; indicate which)

**INJECTION WELL DATA SHEET**

Tubing Size: 2 7/8" Lining Material: Plastic Coated

Type of Packer: Halliburton Trump Packer

Packer Setting Depth: 2000'

Other Type of Tubing/Casing Seal (if applicable): \_\_\_\_\_

Additional Data

1. Is this a new well drilled for injection?  Yes  No

If no, for what purpose was the well originally drilled? \_\_\_\_\_

\_\_\_\_\_

2. Name of the Injection Formation: Bell Canyon and Cherry Canyon

3. Name of Field or Pool (if applicable): \_\_\_\_\_

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. \_\_\_\_\_

\_\_\_\_\_

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Overlying- Lamar Limestone , Underlying- Brushy Canyon

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## VII. DATA SHEET: PROPOSED OPERATIONS

1. Proposed average and maximum daily rate and volume of fluids to be injected;  
**Respectively, 2000 BWPD and 4000 BWPD**
2. The system is closed or open;  
**Closed**
3. Proposed average and maximum injection pressure;  
**0-410#**
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than re-injected produced water;  
**We will be re-injecting produced water**
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;

N/A

## VIII. GEOLOGICAL DATA

1. Lithologic Detail; **Sandstone**
2. Geological Name; **SWD; Bell Canyon-Cherry Canyon**
3. Thickness; **1880'**
4. Depth; **2050-3930'**

## IX. PROPOSED STIMULATION PROGRAM

1. To be treated with 10000 gallons 15% acid

## X. LOGS AND TEST DATA

1. Well data will be filed with the OCD.

## XI. ANALYSIS OF FRESHWATER WELLS

1. Will be forwarded, when complete.

Additional Information

Waters Injected: Delaware Sands and Bone Spring

## XII. AFFIRMATIVE STATEMENT

RE: Spoon SWD #1

We have examined the available geologic and engineering data and find no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water.

Mack Energy Corporation

Date: 2/6/15

  
\_\_\_\_\_  
Charles Sadler, Geologist

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name	
		96802		SWD; Bell Canyon - Cherry Canyon	
<sup>4</sup> Property Code		<sup>5</sup> Property Name			<sup>6</sup> Well Number
		SPOON SWD			1
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name			<sup>9</sup> Elevation
13837		MACK ENERGY CORPORATION			3152.3

<sup>10</sup> Surface Location

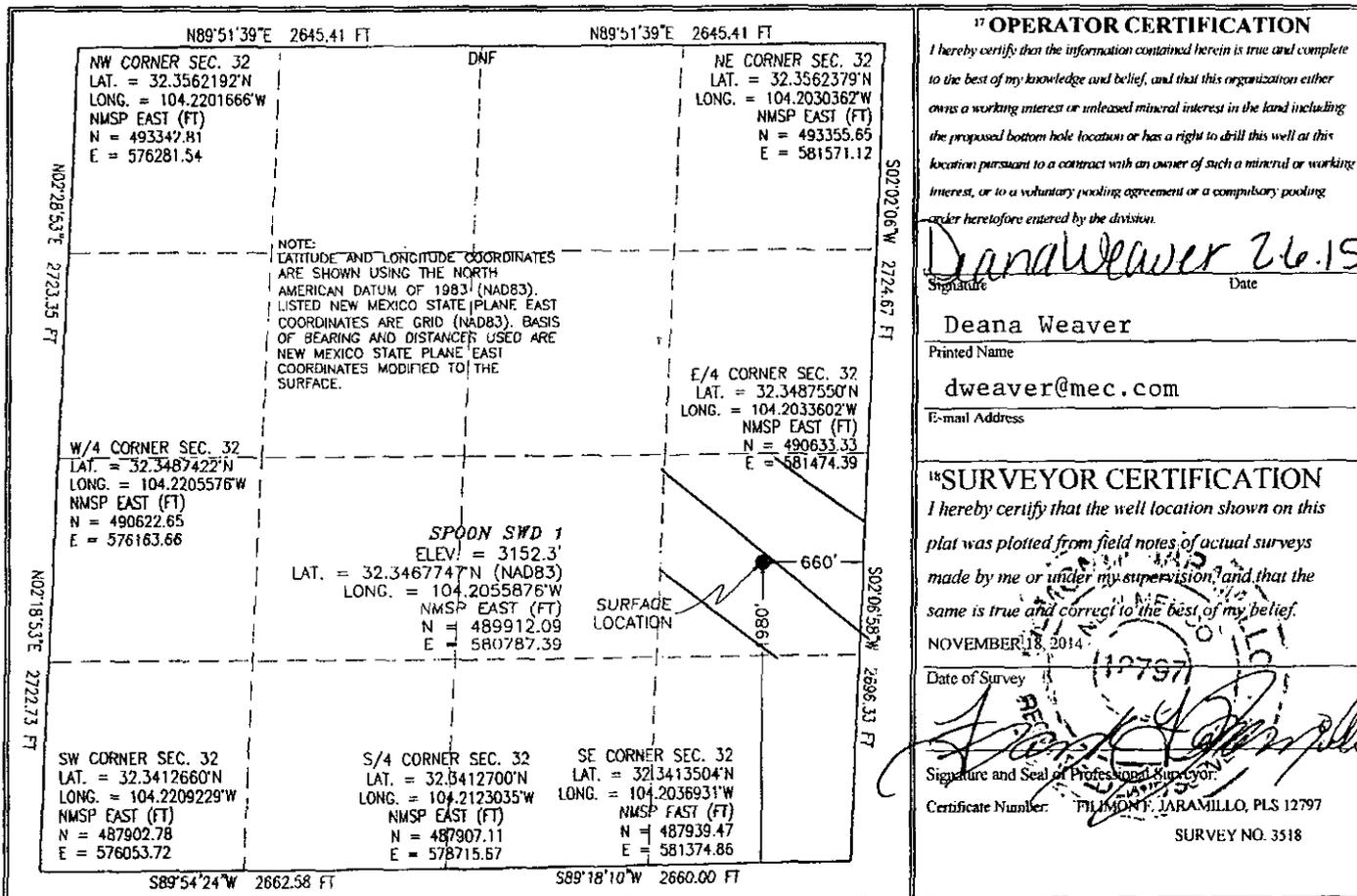
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	22 S	27 E		1980	SOUTH	660	EAST	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
40			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



### AREA OF REVIEW WELL DATA

LEASE/API	WELL#	LOCATION	TD (PBTD)	TYPE & DATE DRILLED	HOLE SIZE	CASING SIZE & WEIGHT	SETTING DEPTH	SX CMT	TOC	PERFS
Spoon SWD	1	1650' FSL 1980' FEL 32-22S-27E	4100'	SWD	12 1/4" 7 7/8"	8 5/8", 32# 5 1/2", 17#	800' 4,100'	510 725	0 0	2050-3930'
Allen Com 30-015-32795	2	1650' FNL 990' FEL 31-22S-27E	11,891' 11,830'	Gas 5/29/2003	17 1/2" 12 1/4" 7 7/8"	13 3/8", 61# 9 5/8", 36 & 40# 5 1/2", 17&20#	359' 5320' 11,891'	510 1450 425	0 0 0	10,583-10591' 11,747-11757'
Allen 30-015-20288	1	1980' FSL 1980' FEL 31-22S-27E	11,825' 11614'	Gas 3/4/1970	17" 11" 7 7/8"	12 3/4", 51# 8 5/8", 24&32# 5 1/2" 17,20&23#	362' 2600' 11825'	400 850 1245	0 0 0	10,238-10,311' 10,333-10,375'
Otis 33 30-015-24810	2	990' FNL 2130' FEL 33-22S-27E	12,070' 10,100'	Gas 3/29/1984	17 1/2" 12 1/4" 7 7/8"	13 3/8", 54.5# 9 5/8", 40# 5 1/2", 17&20#	443' 5480' 12052'	475 1900 2400	0 0 6000'	9008-9997' Plug 11664-11951'
Otis 33 30-015-33943	3	660' FNL 1650' FEL 33-22S-27E	12,115' 0	Dry 2/24/2005 P&A 6/13/2008	17 1/2" 12 1/4"	13 3/8", 68# 9 5/8", 36#	357' 5490'	500 1315	0 0	Plugged 5179-5164' 5272-5270
Etter Com 30-015-21096	1	1980' FSL 1980' FWL 33-22S-27E	12,200' 11,650'	Gas 10-31-1989 (re-entry)	17 1/2" 12 1/2"	13 3/8", 48# 9 5/8", 40# 7, Liner	378' 5550' 5381-12198'	400 2950 1600	0 0 5381'	10486-10502' 10538-10558'
Old Cavern Fee 30-015-42355	1	1650' FSL 2160' FWL 32-22S-27E	9,160' 9,113'	Oil 6/26/2014	17 1/2" 12 1/4" 8 3/4"	13 3/8", 48# 9 5/8, 36# 7, 26#	418' 1756' 9160'	470 600 1190	0 0 0	



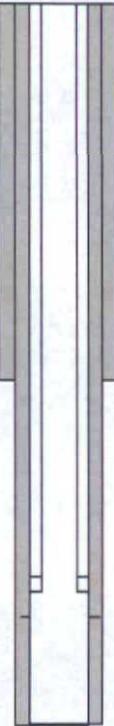
Spoon SWD #1  
1980 FSL 660 FEL  
Sec. 32 T22S R27E

8 5/8" csg @ 800'  
w/ 510sx, circ

5 1/2" csg @ 4,100'  
w/ 725sx, circ

2 7/8" PC Tubing @ 2000'  
set w/ 10K Nickel Plated Pkr

Perfs @ 2050-3930'



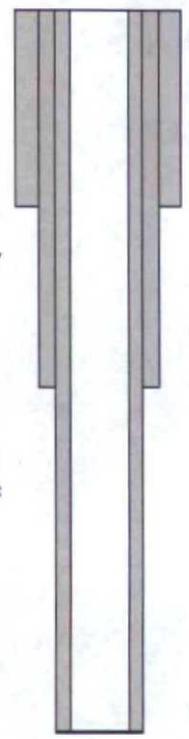
TD- 4100'

Cascade Fee #1  
Sec. 32 T22S R27E  
1650' FSL 1650' FEL  
90-015-42320

13 3/8" csg @ 420'  
w/ 430sx, circ

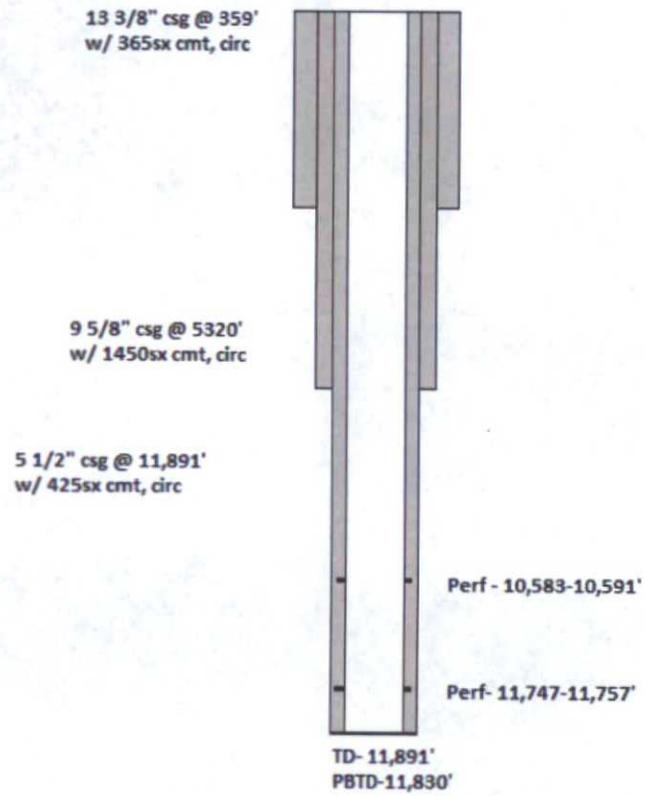
9 5/8" csg @ 1755'  
w/ 675sx, circ

7" csg @ 9620'  
w/ 1420sx, circ

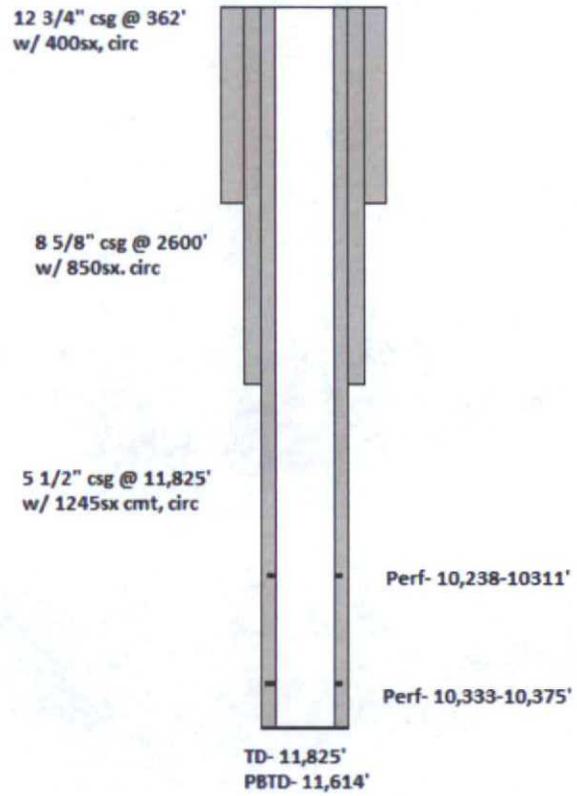


TD- 9620'  
PBTD- 9573'

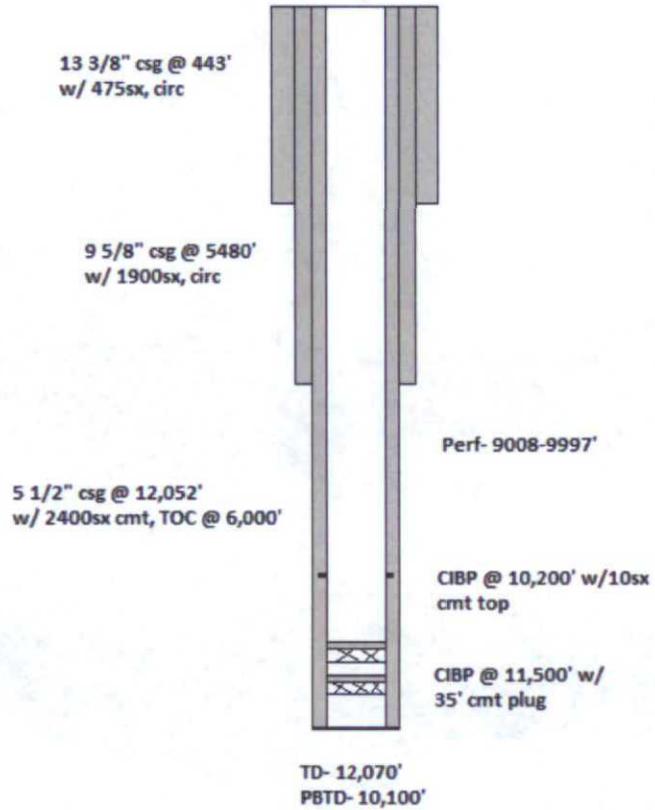
Allen Com #2  
Sec. 31 T22S R27E  
1650' FNL 990' FEL  
30-015-32795



Allen #1  
Sec. 31 T22S R27E  
1980' FSL 1980' FEL  
30-015-20288



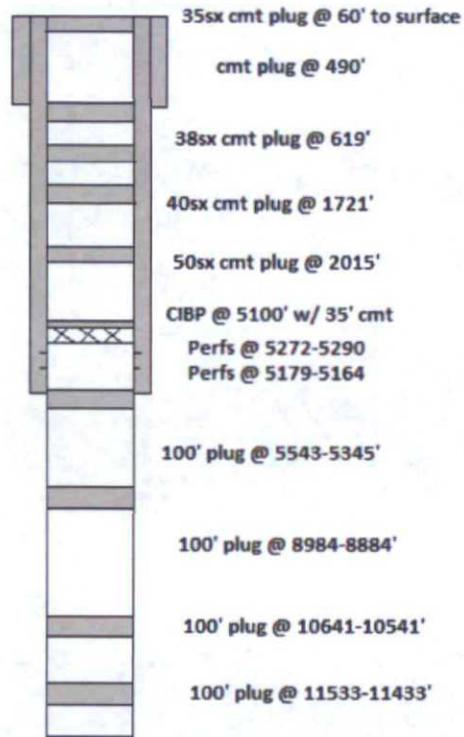
Otis 33 #2  
Sec. 33 T22S R27E  
990 FNL 2130 FWL  
30-015-24810



Otis "33" #3  
Sec. 33 T22S R27E  
660 FNL 1650 FEL  
30-015-33943

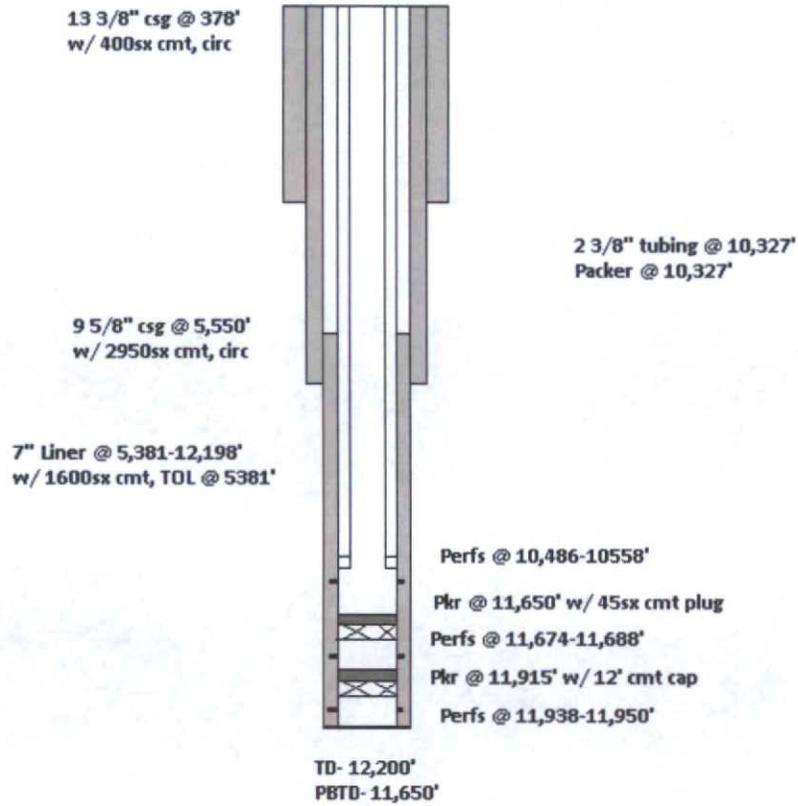
13 3/8" csg @ 357'  
w/500sx, circ

9 5/8" csg @ 5490'  
w/ 538sx, circ



TD- 12,115'

Etter Com #1  
Sec. 33 T22S R27E  
1980 FSL 1980 FWL  
30-015-21096

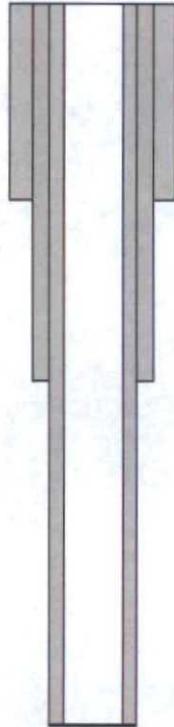


Old Cavern Fee #1  
Sec. 32 T22S R27E  
1650 FSL 2160 FWL  
30-015-42355

13 3/8" csg @ 418'  
w/ 470sx, circ

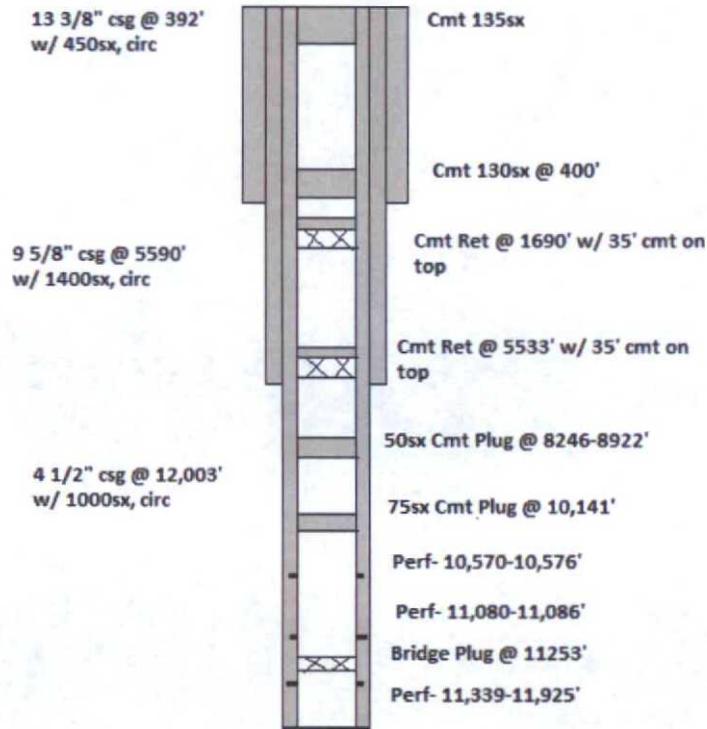
9 5/8" csg @ 1756'  
w/ 600sx, circ

5 1/2" csg @ 418'  
w/ 470sx, circ



TD- 9160'  
PBTD- 9113'

Mary K. Knobel #1  
Sec. 32 T22N R27E  
1980 FSL 1980 FEL  
30-015-21551



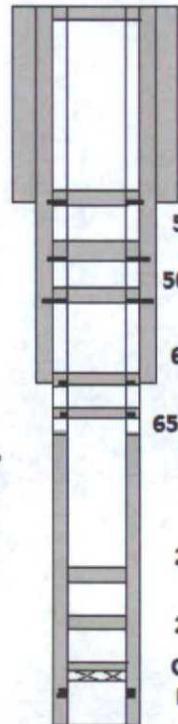
TD- 12,003

Strackbein "A" #1  
Sec. 32 T22S R27E  
1980 FNL 660FWL  
30-015-20336

13 3/8" csg @ 352'  
w/ 380sx cmt, circ

9 5/8" csg @ 5293'  
w/ 1800sx cmt, circ

5 1/2" csg @ 11,840'  
w/ 1032sx cmt, TOC  
7440'



10sx cmt plug  
0-75'

50sx cmt plug 302-402'  
Perfs sqz- 402'

50sx cmt plug 1578-1678'  
Perfs sqz- 1678  
50sx cmt plug 2200-2300'  
Perfs sqz-2300

60sx cmt plug 5243-5343'  
Perfs sqz- 5343'  
65sx cmt plug 6900-7000'  
Perfs sqz.- 7000'

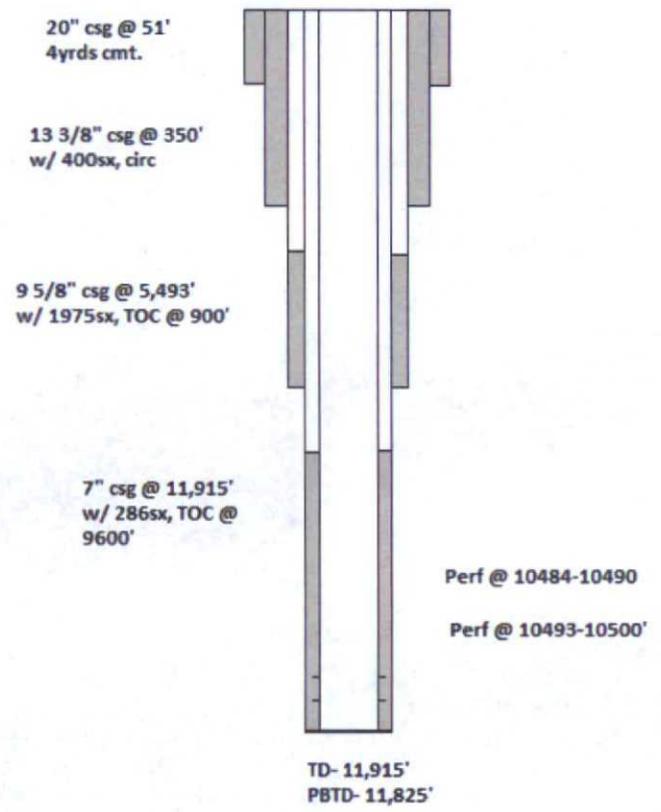
25sx cmt plug 9962-10062'

25sx cmt plug 10630-10730'

CIBP @ 11350' w/5sx cmt plug  
Perf- 11,400-11,763'

TD- 11,841'  
PBSD- 11,795'

Ryan #1  
Sec. 5 T23S R27E  
660 FNL 990 FWL  
30-015-20738

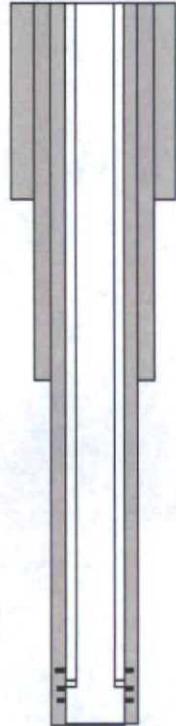


Ryan #2  
Sec. 5 T23S R27E  
990 FNL 990 FEL  
30-015-32582

13 3/8" csg @ 352'  
w/400sx cmt, circ

9 5/8" csg @ 5478'  
w/1050sx cmt, circ

5 1/2" csg @ 12,100'  
w/800sx cmt, circ

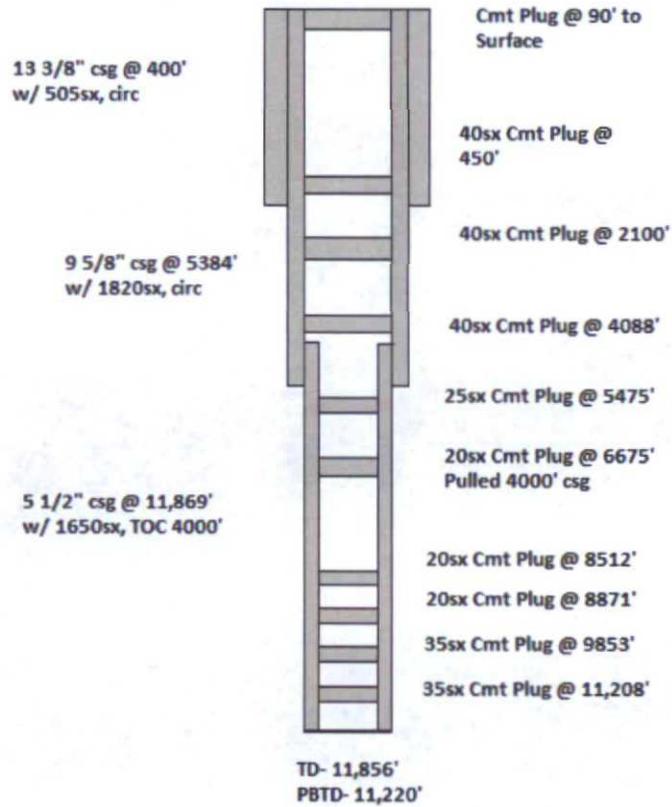


2 3/8" tubing @ 11,853'  
Packer @ 11,853'

Perfs @ 11824-11828'  
Perfs @ 11852-11855'  
Perfs @ 11933-11941'

TD- 12,100'  
PBTD- 12,024'

Calvani #1  
Sec. 29 T22S R27E  
500 FSL 1980 FEL  
30-015-23806





Legal Notice

Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-0960, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced water into the Spoon SWD #1 1980 FSL & 660 FEL of Section 32, T22S R27E, NMMPM, Eddy County, New Mexico. The water will be injected into the Bell Canyon and Cherry Canyon formations at a disposal depth of 2050-3930'. Water will be injected at a maximum surface pressure of 410# pounds and a maximum injection rate of 4000 BWPD. Any interested party with questions or comments may contact Deana Weaver at Mack Energy Corporation, Post Office Box 960, Artesia, New Mexico 88211-0960 or call (575) 748-1288. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of the publication of this notice.

## LEGAL NOTICE

Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-0960, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced water into the Spoon SWD #1 1980 FSL & 660 FEL of Section 32, T22S R27E, NMPM, Eddy County, New Mexico. The water will be injected into the Bell Canyon and Cherry Canyon formations at a disposal depth of 2050-3930'. Water will be injected at a maximum surface pressure of 410# pounds and a maximum injection rate of 4000 BWPD. Any interested party with questions or comments may contact Deana Weaver at Mack Energy Corporation, Post Office Box 960, Artesia, New Mexico 88211-0960 or call (575) 748-1288. Objections to this application or requests for hearing must be filed with the Oil Conservation Division, 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505, within fifteen days of the date of the publication of this notice.

Published in the Artesia Daily Press, Artesia, N.M., February 8, 2015 Legal No. 23338.



# New Mexico Office of the State Engineer

## Active & Inactive Points of Diversion

(with Ownership Information)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	(acre ft per annum)			(R=POD has been replaced and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed)		(quarters are smallest to largest) (NAD83 UTM in meters)		Distance		
									Source	6416	4	Sec	Tws	Rng	X		Y	
<u>C 03504</u>	C	DOM	1	JULIE F. PORTER	ED	<u>C 03504</u>	POD1		Shallow	2	3	4	32	22S	27E	574508	3578789	139
<u>C 03070</u>	C	DOM	0	JERRY BURKETT	ED	<u>C 03070</u>				1	4	4	32	22S	27E	574635	3578830*	140
<u>C 02970</u>	C	DOL	3	RICK CALDERON	ED	<u>C 02970</u>			Shallow	3	4	4	32	22S	27E	574635	3578630*	313
<u>C 02841</u>	C	DOM	0	SUZANNE C BYRD	ED	<u>C 02841</u>				1	1	4	32	22S	27E	574230	3579231*	429
<u>C 02696</u>	C	DOM	3	WALKER STEWART	ED	<u>C 02696</u>			Shallow	1	3	3	33	22S	27E	575038	3578836*	512
<u>C 00193</u>		IRR	3.048	COUNTRY ACRES, INC.	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMB</u>		IRR	39.258	COUNTRY ACRES INC.	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBC</u>		IRR	3	ORLANDO & OLIVIA G. FLOREZ	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBD</u>		IRR	3	COUNTRY ACRES, INC.	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBE</u>		IRR	3	PHILLIP L. & CELESTE K. STONE	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBF</u>		IRR	3	CHARLES T. & CHARLENE M. MOOTS	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBG</u>		IRR	3	ROY & RITA BROOKS	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBH</u>		IRR	47.37	ROBERT & BETTY RUSSELL	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBI</u>		IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBJ</u>		IRR	40.5	PATRICK L. & FAYE WILSON	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMBK</u>		IRR	7.356	MICHAEL LYNN ROGERS	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521
<u>C 00193 COMDK</u>		IRR	7.356	MICHAEL LYNN & ANNA COLLE ROGERS	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*	521

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C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	q q q				X	Y	Distance				
									Source	6416	4	Sec				Tws	Rng		
<u>C 00343</u>		IRR	0	CLAUDE L. SMITH	ED	<u>C 00343</u>			Shallow	4	3	2	32	22S	27E	574427	3579437*		521
<u>C 03066</u>	C	DOM	3	CLIFTON E BARKER	ED	<u>C 03066</u>				1	1	3	33	22S	27E	575037	3579243*		594
<u>C 00204</u>	C	IRR	4.2	MARY F PRICE	ED	<u>C 00204</u>			Shallow	3	3	2	32	22S	27E	574227	3579437*		595
<u>C 00204 A</u>		IRR	28.8	DAVID B CULP	ED	<u>C 00204</u>			Shallow	3	3	2	32	22S	27E	574227	3579437*		595
<u>C 00619</u>	C		0	MYER ROSENBERG	ED	<u>C 00619</u>				3	3	2	32	22S	27E	574227	3579437*		595
<u>C 00625</u>		IRR	60	DOUGLAS C. LYNN	ED	<u>C 00625</u>				3	3	2	32	22S	27E	574227	3579437*		595
<u>C 02383</u>	C	DOM	0	MICHAEL D GRAHAM	ED	<u>C 02383</u>				3	3	2	32	22S	27E	574227	3579437*		595
<u>C 03021</u>	C	DOL	3	JAMES R WOOD	ED	<u>C 00204</u>			Shallow	3	3	2	32	22S	27E	574227	3579437*		595
<u>C 00193</u>		IRR	3.048	COUNTRY ACRES, INC.	ED	<u>C 00193 &amp; C-343-S</u>				3	2	32	22S	27E	574328	3579538*		644	
<u>C 00193 COMBH</u>		IRR	47.37	ROBERT & BETTY RUSSELL	ED	<u>C 00193 COMBS</u>				3	2	32	22S	27E	574328	3579538*		644	
<u>C 00193 COMBI</u>		IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	<u>C 00193 COMBS</u>				3	2	32	22S	27E	574328	3579538*		644	
<u>C 00193 COMBJ</u>		IRR	40.5	PATRICK L. & FAYE WILSON	ED	<u>C 00193 COMBS</u>				3	2	32	22S	27E	574328	3579538*		644	
<u>C 02262</u>	C	DOM	3	TOMMY ALFORD	ED	<u>C 02262</u>			Shallow	4	2	32	22S	27E	574732	3579544*		647	
<u>C 02412</u>	C	DOM	3	GARY L SEAL	ED	<u>C 02412</u>			Shallow	2	3	3	33	22S	27E	575238	3578836*		709
<u>C 03013</u>	C	DOL	3	JUDY K NORMAN	ED	<u>C 03013</u>			Shallow	4	1	3	33	22S	27E	575237	3579043*		712
<u>C 00193 COMBH</u>		IRR	47.37	ROBERT & BETTY RUSSELL	ED	<u>C 00193 COMBS2</u>				2	3	2	32	22S	27E	574427	3579637*		718
<u>C 00193 COMBI</u>		IRR	46.92	CHARLES E. & NANCY ELLEN VAN ZANT REVOCABLE TRUST UTA	ED	<u>C 00193 COMBS2</u>				2	3	2	32	22S	27E	574427	3579637*		718
<u>C 00193 COMBJ</u>		IRR	40.5	PATRICK L. & FAYE WILSON	ED	<u>C 00193 COMBS2</u>				2	3	2	32	22S	27E	574427	3579637*		718
<u>C 03012</u>	C	DOL	0	DON MCKIDDEN	ED	<u>C 03012</u>				3	3	1	33	22S	27E	575035	3579449*		723
<u>C 02433</u>	C	DOL	3	GARY L SEAL	ED	<u>C 02433</u>			Shallow	4	3	3	33	22S	27E	575238	3578636*		761
<u>C 01976</u>	C	DOM	3	EFREN B COLLINS	ED	<u>C 01976</u>				3	1	2	05	23S	27E	574236	3578224*		763

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WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code Grant	q q q			X	Y	Distance			
								Source	6416	4 Sec				Tws	Rng	
C 00343 AA	MDW	36.21	OTIS WATER USER'S CO-OPERATIVE	ED	C 00193	Shallow	1	3	1	33	22S	27E	575035	3579649*	878	
C 00430	IRR	23.4	F & W FARMS	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 A	IRR	1.5	PAT D. CHUMLEY	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 B	IRR	1.5	ROY A & ANITA BETH TORRES	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 C	IRR	1.5	MITCHELL L & DONNA L CARTER	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 D	IRR	1.5	PETRICK M & DONANN B HEDDERMAN	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 E	IRR	1.5	RAY & ANGELITA PARRAZ	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 F	IRR	1.5	ROBERT M & ROSIE C GOMEZ	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 G	IRR	1.5	RUBIN S ESQUIBEL	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 H	IRR	1.5	LOUIS G & SHELLY M ESCOBEDO	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 H-A	IRR	1.5	WAYNE T & JOHNIE BRADFORD	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 I	IRR	1.5	JIMMY P & KAREN P GENTRY	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 J	IRR	0.75	PAUL D & KIMBERLY ORR	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 K	IRR	1.5	DONALD R & BETTY K SUGGS	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 L	IRR	1.5	FRANK A & MARY E HAYS	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 M	IRR	18	BOBBY W & ANGELA PORTER	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 N	IRR	1.5	RALPH & ANITA CASTANEDA	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 O	IRR	1.5	ERNEST VALDEZ	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 00430 P	IRR	4.5	ROGELIO V. OR PATSY G. YBARRA	ED	C 00430 S	Shallow	3	1	2	32	22S	27E	574225	3579843*	966	
C 02882	C	DOL	0	JOE MORGAN	ED	C 02882		3	1	2	32	22S	27E	574225	3579843*	966
C 03030	C	DOM	3	RUBEN FLORES	ED	C 03030	Shallow	3	1	2	32	22S	27E	574225	3579843*	966
C 02124	C	DOM	3	JOHNNY JAMESON	ED	C 02124	Shallow	3	3	32	22S	27E	573527	3578714*	1029	

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WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	q q q			X	Y	Distance					
									Source	6416	4								
<u>C 02502</u>	C	DOL	3	AL CASTANEDA	ED	<u>C 02502</u>			Shallow	2	2	32	22S	27E	574731	3579950*		1041	
<u>C 03098</u>	C	DOL	0	KENNETH D MCCOLLAUM	ED	<u>C 03098</u>				3	4	2	05	23S	27E	574642	3577826*		1106
<u>C 00031</u>		IRR	7.5	CASH CLARKSTON	ED	<u>C 00031</u>			Shallow	3	1	3	32	22S	27E	573423	3579019*		1114
<u>C 00031 A</u>		IRR	0	H. E. LOVETT	ED	<u>C 00031</u>			Shallow	3	1	3	32	22S	27E	573423	3579019*		1114
<u>C 00031 B</u>		IRR	0	ROY THOMASON	ED	<u>C 00031</u>			Shallow	3	1	3	32	22S	27E	573423	3579019*		1114
<u>C 00031 E</u>		IRR	30	OTIS WATER USERS COOP.	ED	<u>C 00031</u>			Shallow	3	1	3	32	22S	27E	573423	3579019*		1114
<u>C 02590</u>	C	DOM	3	THOMAS G JOHNSON	ED	<u>C 02590</u>			Shallow	2	1	2	32	22S	27E	574425	3580043*		1121
					ED	<u>C 02590 POD2</u>			Shallow	2	1	2	32	22S	27E	574425	3580043*		1121
<u>C 01670</u>	C	DOM	3	CHARLES AUGUSTUS	ED	<u>C 01670</u>				4	4	2	05	23S	27E	574842	3577826*		1143
<u>C 03274</u>	C	DOM	3	FRANISCO FRENANDEZ	ED	<u>C 03274</u>			Shallow	4	4	3	33	22S	27E	575643	3578641*		1145
<u>C 03179</u>	C	DOL	0	ROBERT A DAVIS	ED	<u>C 03179</u>				1	1	3	32	22S	27E	573423	3579219*		1148
<u>C 00430</u>		IRR	23.4	F & W FARMS	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 A</u>		IRR	1.5	PAT D. CHUMLEY	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 B</u>		IRR	1.5	ROY A & ANITA BETH TORRES	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 C</u>		IRR	1.5	MITCHELL L & DONNA L CARTER	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 D</u>		IRR	1.5	PETRICK M & DONANN B HEDDERMAN	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 E</u>		IRR	1.5	RAY & ANGELITA PARRAZ	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 F</u>		IRR	1.5	ROBERT M & ROSIE C GOMEZ	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 G</u>		IRR	1.5	RUBIN S ESQUIBEL	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 H</u>		IRR	1.5	LOUIS G & SHELLY M ESCOBEDO	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 H-A</u>		IRR	1.5	WAYNE T & JOHNIE BRADFORD	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 I</u>		IRR	1.5	JIMMY P & KAREN P GENTRY	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157

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WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	q q q			X	Y	Distance					
									Source	6416 4	Sec				Tws	Rng			
<u>C 00430 J</u>		IRR	0.75	PAUL D & KIMBERLY ORR	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 K</u>		IRR	1.5	DONALD R & BETTY K SUGGS	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 L</u>		IRR	1.5	FRANK A & MARY E HAYS	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 M</u>		IRR	18	BOBBY W & ANGELA PORTER	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 N</u>		IRR	1.5	RALPH & ANITA CASTANEDA	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 O</u>		IRR	1.5	ERNEST VALDEZ	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 00430 P</u>		IRR	4.5	ROGELIO V. OR PATSY G. YBARRA	ED	<u>C 00430</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 03028</u>	C	DOL	3	SHERLENE KIRKEO	ED	<u>C 03028</u>			Shallow	1	1	2	32	22S	27E	574225	3580043*		1157
<u>C 03085</u>	C	DOM	3	BARRY BROWN	ED	<u>C 03085</u>			Shallow	2	2	2	32	22S	27E	574830	3580049*		1160
<u>C 00191</u>		IRR	315	MARTHA W. SKEEN	ED	<u>C 00191 S</u>				4	4	1	33	22S	27E	575640	3579454*		1225
<u>C 02207</u>	C	DOL	0	BOB A. KENISON	ED	<u>C 02207</u>				1	1	1	33	22S	27E	575034	3580055*		1233
<u>C 02996</u>	C	DOL	3	ROBERT KIM GRAHAM	ED	<u>C 02996</u>			Shallow	1	1	1	33	22S	27E	575034	3580055*		1233
<u>C 03435</u>	C	DOM	1	MOISES T. ROMERO	ED	<u>C 03435 POD1</u>				2	1	1	33	22S	27E	575184	3579989		1246
<u>C 02230</u>	C	DOM	3	LYDIA YOUNG	ED	<u>C 02230</u>			Shallow				33	22S	27E	575742	3579340*		1276
<u>C 02233</u>	C	DOM	0	OSCAR E. EMISON	ED	<u>C 02233</u>							33	22S	27E	575742	3579340*		1276
<u>C 02449</u>	C	DOM	3	RALPH MAXWELL	ED	<u>C 02449</u>			Shallow				33	22S	27E	575742	3579340*		1276
<u>C 02909</u>	C	DOL	3	DANNY C STAFFORD	ED	<u>C 02909</u>				2	4	4	31	22S	27E	573222	3578811*		1317
<u>C 02854</u>	C	DOL	0	PAUL KARTCHNER	ED	<u>C 02854</u>				4	2	4	31	22S	27E	573219	3579016*		1318
<u>C 00559</u>	C	STK	0	L. T. LEWIS	ED	<u>C 00559</u>				3	4	4	29	22S	27E	574628	3580255*		1331
<u>C 03190</u>	C	DOL	3	RUDY LOPEZ	ED	<u>C 03190</u>				2	2	4	05	23S	27E	574846	3577624*		1339
<u>C 00176</u>		IRR	0	BRATCHER ROY	ED	<u>C 00176</u>				1	1	4	05	23S	27E	574244	3577618*		1340
<u>C 03279</u>	C	DOL	0	CHARLES HOLLAND	ED	<u>C 03279</u>				2	2	4	31	22S	27E	573219	3579216*		1346

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WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	q q q			X	Y	Distance				
									Source	6416 4	Sec				Tws	Rng		
<u>C 00172</u>		IRR	684.7	JERRY AND NANCY CALVANI REVOCABLE TRUST	ED	<u>C 00172 S</u>			4	4	4	29	22S	27E	574828	3580255*		1360
<u>C 03195</u>	C	DOM	3	MARTIN BOJORQUEZ	ED	<u>C 00173</u>			4	4	4	29	22S	27E	574828	3580255*		1360
<u>C 02978</u>	C	DOM	0	JOHN ELLYSON	ED	<u>C 02978</u>			2	1	1	33	22S	27E	575325	3580036		1362
<u>C 00191</u>		IRR	315	MARTHA W. SKEEN	ED	<u>C 00191</u>	Shallow		3	3	2	33	22S	27E	575844	3579458*		1413
<u>C 00296</u>	C	DOM	0	ANGEL LOPEZ	ED	<u>C 00296</u>			1	4	05	23S	27E	574345	3577519*		1420	
<u>C 02533</u>	C	DOM	0	TOM MOOTS	ED	<u>C 02533</u>			1	4	33	22S	27E	575947	3579153*		1430	
<u>C 00062 A</u>		IRR	649.32	J&J FARMS	ED	<u>C 00062 A-S</u>	Shallow		3	1	1	32	22S	27E	573417	3579830*		1436
<u>C 03078</u>	C	DOL	3	HOWARD RIPLEY	ED	<u>C 03078</u>	Shallow		1	2	4	31	22S	27E	573019	3579216*		1542
<u>C 02667</u>	C	DOM	3	ERNESTO RIOS	ED	<u>C 02667</u>	Shallow		1	3	4	29	22S	27E	574223	3580448*		1552
<u>C 01671</u>	C	DOL	3	PASCUAL M. LOPEZ	ED	<u>C 01671</u>			3	3	1	05	23S	27E	573434	3577811*		1566
<u>C 00215</u>		IRR	95.1	RAFAEL MEDRANO	ED	<u>C 00215</u>	Shallow		4	3	2	33	22S	27E	576044	3579458*		1600

Record Count: 136

**POD Search:**

POD Basin: Carlsbad

**Basin/County Search:**

County: Eddy

**UTMNAD83 Radius Search (in meters):-**

Easting (X): 574534

Northing (Y): 3578927

Radius: 1609

Sorted by: Distance

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The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0701**  
**RETURN RECEIPT REQUESTED**

Artesia Oil & Gas LLC  
P.O. Box 1768  
Artesia, NM 88211

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this well into a water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505 within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0718**  
**RETURN RECEIPT REQUESTED**

Ray Fletcher  
Shirley Fletcher  
c/o Tracy Fletcher  
1108 Acoma Place  
Farmington, NM 87401

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Arresia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0725**  
**RETURN RECEIPT REQUESTED**

Nelta Sue Brown  
P.O. Box 5188  
Page, AZ 86040

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0732**  
**RETURN RECEIPT REQUESTED**

Carroll Resources Corporation  
P.O. Box 8438  
Northfield, IL 60093

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0749**  
**RETURN RECEIPT REQUESTED**

Mary Francis Price  
812 Hopi Road  
Carlsbad, NM 88220

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0756**  
**RETURN RECEIPT REQUESTED**

Linda A. Bell  
P.O. Box 2223  
Cody, WY 82414

Gentlemen:

*Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.*

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*  
Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0763**  
**RETURN RECEIPT REQUESTED**

Mary Gene Bloomquist  
14050 East Linvale Place, Apt. #202  
Aurora, CO 80014

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County:

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0770**  
**RETURN RECEIPT REQUESTED**

Ethel T. Neal  
2011 Brazos  
Roswell, NM 88201

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

---

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0374**  
**RETURN RECEIPT REQUESTED**

Marion V. Turner  
Route 9, Box 62-T  
Santa Fe, NM 87505

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in black ink that reads "Deana Weaver". The signature is written in a cursive, flowing style.

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0381**  
**RETURN RECEIPT REQUESTED**

Buchholz Oil & Gas Company, Inc.  
1201 Elm Street  
Suite 4300  
Dallas, TX 75270

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0398**  
**RETURN RECEIPT REQUESTED**

DHB Partnership  
8144 Walnut Hill Lane  
Suite 982, LB 51  
Dallas, TX 75240

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in black ink that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0404**  
**RETURN RECEIPT REQUESTED**

CSA Petroleum Corporation  
P.O. Box 318  
Hunt, TX 78024

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0411**  
**RETURN RECEIPT REQUESTED**

G. Phillip Huey  
6330 E. University  
Dallas, TX 75214

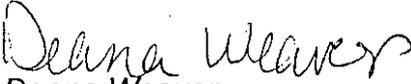
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Sincerely,

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0428**  
**RETURN RECEIPT REQUESTED**

Reserve Management, Inc.  
P.O. Box 4469  
Longview, TX 75606

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0435**  
**RETURN RECEIPT REQUESTED**

Alfred E. Rodriguez  
7777 Forest Lane  
Dallas, TX 75230

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0442**  
**RETURN RECEIPT REQUESTED**

Westway Petro Four  
500 N. Akard-Lock  
Box 70  
Dallas, TX 75201

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

*Deana weaver*  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0459**  
**RETURN RECEIPT REQUESTED**

The John D.L. & Chloe M. Davis  
Revocable Living Trust  
421 Hazelwood Drive West  
Fort Worth, TX 76107

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0602**  
**RETURN RECEIPT REQUESTED**

Broughton Petroleum, Inc.  
P.O. Box 1389  
Sealy, TX 77474

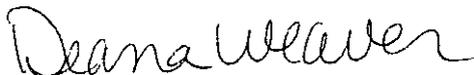
Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0619**  
**RETURN RECEIPT REQUESTED**

Rich Royal Properties, LLC  
9720 Jones Road  
Suite 150  
Houston, TX 77065

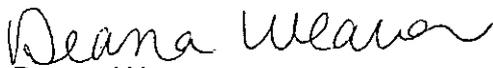
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Sincerely,

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0626**  
**RETURN RECEIPT REQUESTED**

First Century Oil, Inc.  
P.O. Box 1518  
Roswell, NM 88202

Gentlemen:

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*Sincerely,*

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0633**  
**RETURN RECEIPT REQUESTED**

Charles H. Hill, III  
1529 Windy Meadow  
Dallas, TX 75248

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0640**  
**RETURN RECEIPT REQUESTED**

The Virginia A. Desmond Trust  
c/o First American Bank  
P.O. Box 1857  
Roswell, NM 88202

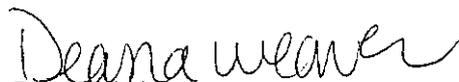
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Sincerely,

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0657**  
**RETURN RECEIPT REQUESTED**

MPS, Inc.  
P.O. Box 52308  
Tulsa, OK 74152

Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0664**  
**RETURN RECEIPT REQUESTED**

Ralph E. Peacock  
7925 E. 40<sup>th</sup> Street  
Tulsa, OK 74145

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0671**  
**RETURN RECEIPT REQUESTED**

The Sharon Stone Trollinger Trust  
6026 Meadowcreek Drive  
Dallas, TX 75248

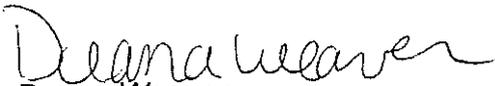
Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0671**  
**RETURN RECEIPT REQUESTED**

New Mexico Western Minerals, Inc  
P.O Box 1738  
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0688**  
**RETURN RECEIPT REQUESTED**

Brininstool XL Ranch LLC  
Attn: Christine Brininstool  
P.O. Box 940  
Jal, NM 88252

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0695**  
**RETURN RECEIPT REQUESTED**

MRC Permian Company  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0275**  
**RETURN RECEIPT REQUESTED**

WDW Operator, Inc.  
1521 Olivier Street  
Midland, TX 79701

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0282**  
**RETURN RECEIPT REQUESTED**

Thomas M. Beall  
P.O. Box 3098  
Midland, TX 79702

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0299**  
**RETURN RECEIPT REQUESTED**

Neil Sisson  
P.O. Box 2234  
Ardmore, OK 73402

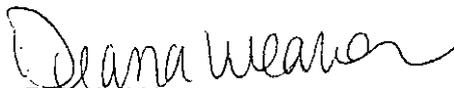
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MACK ENERGY CORPORATION

  
Deana Weaver  
Production Clerk

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Attachments



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Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0305**  
**RETURN RECEIPT REQUESTED**

David K. Henderson  
P.O. Box 1518  
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0312**  
**RETURN RECEIPT REQUESTED**

Virginia C. Houston Marital Trust  
5535 Park Lane  
Dallas, TX 75220

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0329**  
**RETURN RECEIPT REQUESTED**

R.R. & Bobbie McDearmon  
2533 20<sup>th</sup> Avenue North  
Texas City, TX 77590

Gentlemen:

*Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.*

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*Sincerely,*

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0336**  
**RETURN RECEIPT REQUESTED**

Jack C. Holland  
216 Goddard Blvd.  
Suite 10  
King of Prussia, PA 19406

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0343**  
**RETURN RECEIPT REQUESTED**

Donald E. Richter  
9 Willow Wood  
Dallas, TX 75205

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0350**  
**RETURN RECEIPT REQUESTED**

CBR Oil Properties, LLC  
P.O. Box 1518  
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0367**  
**RETURN RECEIPT REQUESTED**

Lincoln Oil & Gas, LLC  
701 Three Cross Drive  
Roswell, NM 88201

Gentlemen:

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0176**  
**RETURN RECEIPT REQUESTED**

Linn Operating, Inc.  
600 Travis Ste. 1500  
Houston, TX 77002

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0183**  
**RETURN RECEIPT REQUESTED**

Read & Stevens, Inc.  
P.O. Box 1518  
Roswell, NM 88202

Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0190**  
**RETURN RECEIPT REQUESTED**

McCombs Energy, Ltd.  
5599 San Felipe  
Suite 1200  
Houston, TX 77056

Gentlemen:

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
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Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0206**  
**RETURN RECEIPT REQUESTED**

Murchison Oil & Gas, Inc.  
1100 Mira Vista Blvd.  
Plano, TX 75093

Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*  
Deana Weaver  
Production Clerk

DWM

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0213**  
**RETURN RECEIPT REQUESTED**

James H. Barnett  
P.O. Box 4966  
Midland, TX 79704

Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

*Deana Weaver*

Deana Weaver  
Production Clerk

DWM

Attachments



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Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0220**  
**RETURN RECEIPT REQUESTED**

McVay Drilling, Inc.  
P.O. Box 924  
Hobbs, NM 88241

Gentlemen:

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Sincerely,

MACK ENERGY CORPORATION

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0237**  
**RETURN RECEIPT REQUESTED**

Khody Land & Minerals Company  
210 Park Ave. Ste. 900  
Oklahoma City, OK 73102

Gentlemen:

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Deana Weaver  
Production Clerk

DW

Attachments



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Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0244**  
**RETURN RECEIPT REQUESTED**

Chi Energy, Inc.  
P.O. Box 1799  
Midland, TX 79702

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
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Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0251**  
**RETURN RECEIPT REQUESTED**

Pocahontas Oil Company, Inc.  
P.O. Box 60476  
Midland, TX 79711

Gentlemen:

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*Sincerely,*

MACK ENERGY CORPORATION

A handwritten signature in black ink that reads "Deana Weaver". The signature is written in a cursive, flowing style.

Deana Weaver  
Production Clerk

DW

Attachments



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

February 6, 2015

**VIA CERTIFIED MAIL 7014 1820 0001 6619 0268**  
**RETURN RECEIPT REQUESTED**

Brazos, LP  
P.O. Box 911  
Breckenridge, TX 76424

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Bell Canyon-Cherry Canyon SWD well. Produced water will be injected at a proposed depth of 2050-3930'. The Spoon SWD #1 located 1980 FSL & 660 FEL, Sec. 32 T22S R27E, Eddy County.

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Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Deana Weaver".

Deana Weaver  
Production Clerk

DWM

Attachments



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00031		CUB	ED	3	1	3	32	22S	27E	573423	3579019	208	170	38
C 00062 A-S		CUB	ED	3	1	1	32	22S	27E	573417	3579830*	200	100	100
C 00191		CUB	ED	3	3	2	33	22S	27E	575844	3579458*	200		
C 00193		CUB	ED	1	3	1	33	22S	27E	575035	3579649*	190		
C 00204		CUB	ED	3	3	2	32	22S	27E	574227	3579437*	170		
C 00204 CLW194896	O		ED	3	3	2	32	22S	27E	574227	3579437*	170		
C 00215		CUB	ED	4	3	2	33	22S	27E	576044	3579458*	180	150	30
C 00228		CUB	ED	1	3	2	31	22S	27E	572613	3579617*	210		
C 00228 S		CUB	ED	2	2	2	31	22S	27E	573213	3580025*	225	145	80
C 00249		C	ED	2	2	2	31	22S	27E	573213	3580025*	200		
C 00343		CUB	ED	4	3	2	32	22S	27E	574427	3579437*	200		
C 00343 CLW242784	O		ED	3	3	2	32	22S	27E	574227	3579437*	193	143	50
C 00515		C	ED	3	4	4	33	22S	27E	576254	3578650*	180	80	100
C 00515 CLW197977	O		ED	3	4	4	33	22S	27E	576254	3578650*	180		
C 00619		C	ED	3	3	2	32	22S	27E	574227	3579437*	250		
C 00644			ED	3	2	4	33	22S	27E	576251	3579056*	190		
C 00644 CLW198574	O		ED	3	2	4	33	22S	27E	576251	3579056*	100		
C 01037		C	ED	2	2	2	31	22S	27E	573213	3580025*	141	109	32
C 01749		C	ED		3	32	22S	27E	573728	3578915*	156	126	30	
C 01833		C	ED		3	32	22S	27E	573728	3578915*	180	155	25	
C 02124		C	ED		3	3	32	22S	27E	573527	3578714*	195	60	135
C 02230		C	ED			33	22S	27E	575742	3579340*	260	90	170	
C 02262		C	ED		4	2	32	22S	27E	574732	3579544*	128	60	68
C 02392		C	ED		4	2	33	22S	27E	576350	3579564*	150	48	102
C 02412		C	ED		2	3	3	33	22S	575238	3578836*	251	65	186
C 02433		C	ED		4	3	3	33	22S	575238	3578636*	96	64	32

\*UTM location was derived from PLSS - see Help

(A CLW##### in the  
POD suffix indicates the  
POD has been replaced  
& no longer serves a  
water right file.)

(R=POD has  
been replaced,  
O=orphaned,  
C=the file is  
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02449	C	ED					33	22S	27E	575742	3579340*	300	70	230
C 02502	C	ED		2	2	32	22S	27E	574731	3579950*	98	64	34	
C 02590	C	ED		2	1	2	32	22S	27E	574425	3580043*	87	45	42
C 02590 POD2	C	ED		2	1	2	32	22S	27E	574425	3580043*	300	114	186
C 02624	C	ED		3	2	2	31	22S	27E	573013	3579825*	220	75	145
C 02696	C	ED		1	3	3	33	22S	27E	575038	3578836*	124	71	53
C 02970	C	ED		3	4	4	32	22S	27E	574635	3578630*	138	71	67
C 02996	C	ED		1	1	1	33	22S	27E	575034	3580055*	120	62	58
C 03013	C	ED		4	1	3	33	22S	27E	575237	3579043*	118	63	55
C 03028	C	ED		1	1	2	32	22S	27E	574225	3580043*	217	89	128
C 03030	C	ED		3	1	2	32	22S	27E	574225	3579843*	100	53	47
C 03066	C	ED		1	1	3	33	22S	27E	575037	3579243*	240		
C 03074	C	ED		4	3	1	33	22S	27E	575235	3579449*	115	85	30
C 03078	C	ED		1	2	4	31	22S	27E	573019	3579216*	130	60	70
C 03085	C	ED		2	2	2	32	22S	27E	574830	3580049*	155	82	73
C 03161	C	ED		3	1	1	31	22S	27E	571829	3579813*	200		
C 03274	C	ED		4	4	3	33	22S	27E	575643	3578641*	130	81	49
C 03445		ED		3	3	3	31	22S	27E	571774	3578630		200	
C 03504 POD1	C	ED		2	3	4	32	22S	27E	574508	3578789	105	90	15
C 03553 POD1	C	ED		4	2	2	33	22S	27E	576554	3579841	200	75	125
C 03821 POD1	C	ED		2	2	3	32	22S	27E	573988	3579146	200	120	80

Average Depth to Water: 92 feet

Minimum Depth: 45 feet

Maximum Depth: 200 feet

Record Count: 47

PLSS Search:

Section(s): 31-33

Township: 22S

Range: 27E

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00028		CUB	ED	4	1	2	06	23S	27E	572824	3578207*	200		
C 00028 CLW204118	O		ED	1	3	2	06	23S	27E	572630	3578004*	263		
C 00028 CLW204125	O		ED	4	1	2	06	23S	27E	572824	3578207*	210		
C 00028 S		CUB	ED	3	1	2	06	23S	27E	572624	3578207*	231	190	41
C 00109		CUB	ED	1	3	3	04	23S	27E	575051	3577226*	168	120	48
C 00109 CLW203096	O		ED	1	3	3	04	23S	27E	575051	3577226*	260		
C 00281		C	ED	4	4	2	04	23S	27E	576459	3577846*	150		
C 00296		C	ED		1	4	05	23S	27E	574345	3577519*	225		
C 00323		C	ED		4	4	05	23S	27E	574750	3577122*	200		
C 00400		C	ED	4	4	2	04	23S	27E	576459	3577846*	145		
C 00624		C	ED			2	06	23S	27E	572932	3578106*	285		
C 01670		C	ED	4	4	2	05	23S	27E	574842	3577826*	385		
C 01671		C	ED	3	3	1	05	23S	27E	573434	3577811*	350		
C 01976		C	ED	3	1	2	05	23S	27E	574236	3578224*	250		
C 02099		C	ED		2	3	06	23S	27E	572335	3577498*	200	165	35
C 02151		C	ED	4	3	06	23S	27E	572341	3577095*	196	130	66	
C 02710		C	ED			4	05	23S	27E	574550	3577318*	200	72	128
C 02711		C	ED	4	4	05	23S	27E	574750	3577122*	170	75	95	
C 03020		C	ED	4	4	05	23S	27E	574750	3577122*	176	135	41	
C 03056		C	ED	1	3	3	04	23S	27E	575051	3577226*	60	31	29
C 03476 POD1		C	ED	2	2	2	04	23S	27E	576488	3578407	200		
C 03653 POD1		C	ED	2	4	4	05	23S	27E	574757	3577331	220	180	40
C 03799 POD1		C	ED	1	3	3	04	23S	27E	574981	3577170	200	51	149

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Average Depth to Water: **114 feet**

Minimum Depth: **31 feet**

Maximum Depth: **190 feet**

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**Record Count: 23**

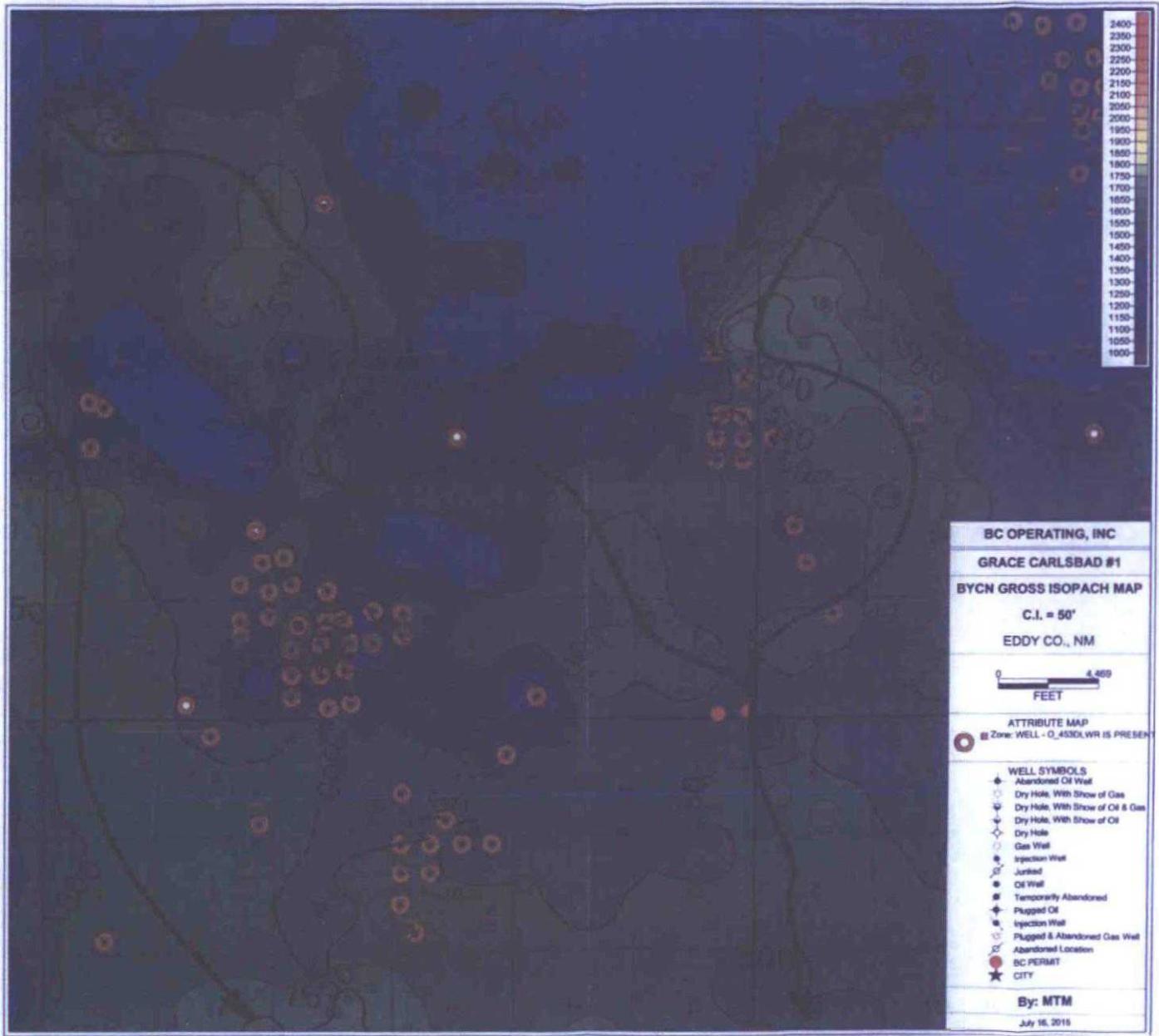
**PLSS Search:**

**Section(s): 4-6**

**Township: 23S**

**Range: 27E**

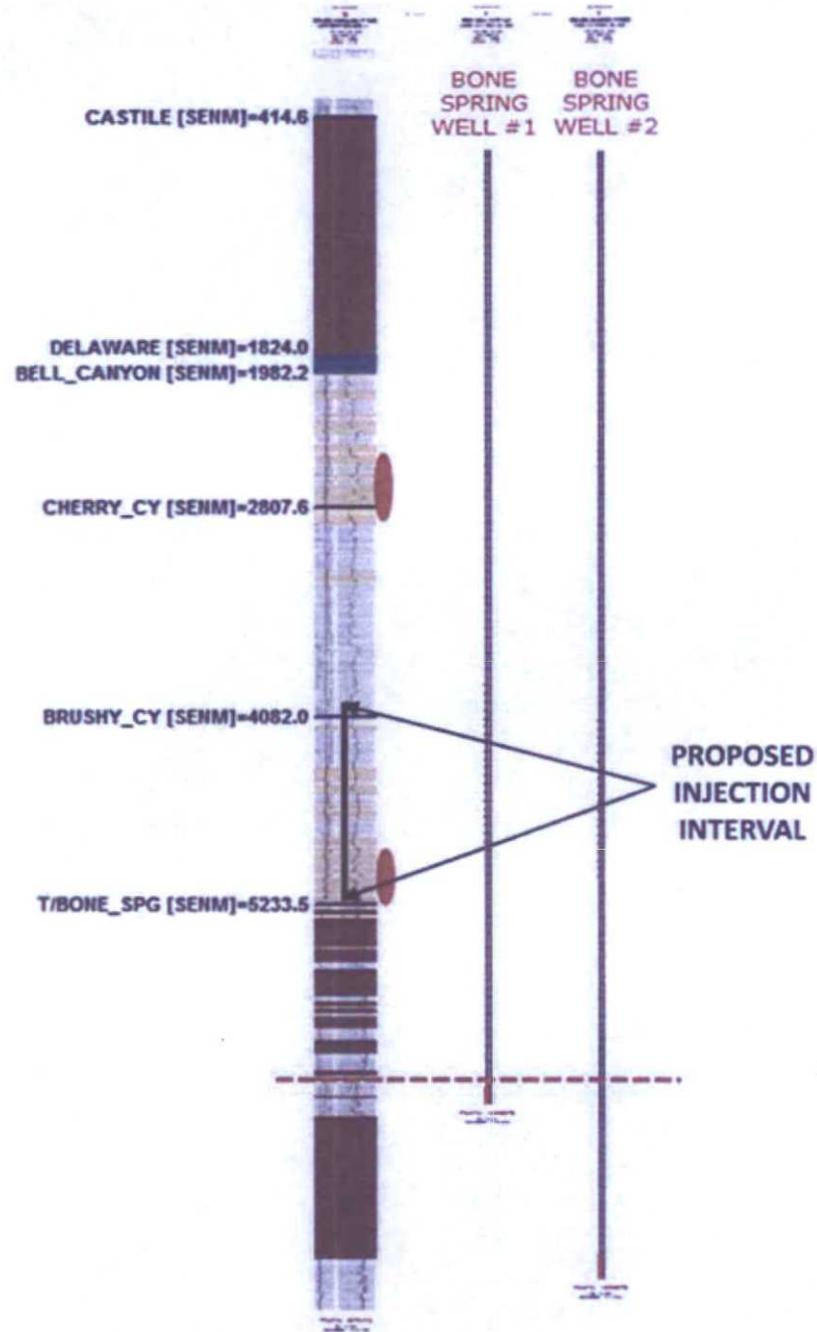




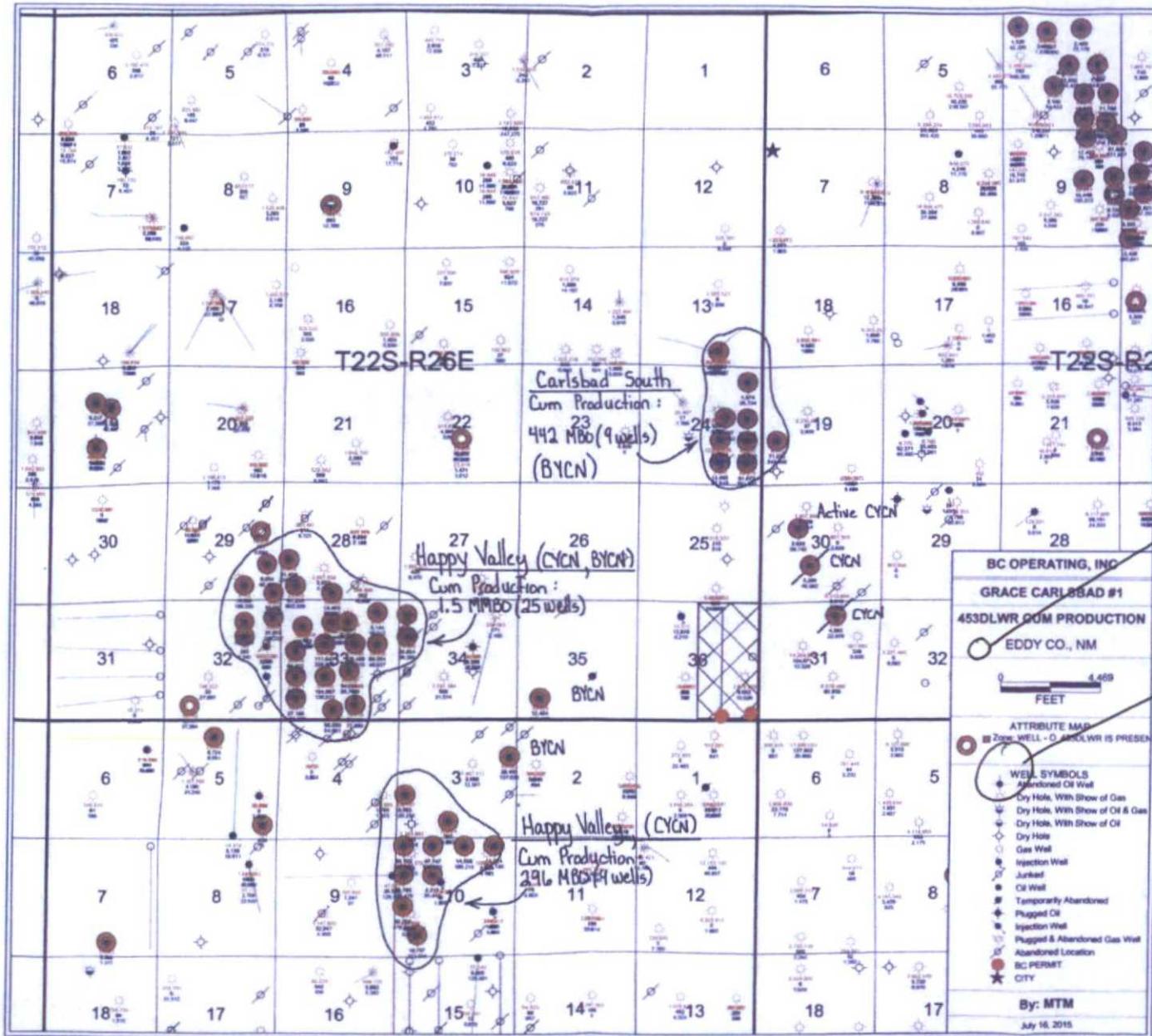
BEFORE THE OIL CONVERSATION  
 DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. 6  
 Submitted by: BC OPERATING, INC.  
 Hearing Date: July 23, 2015

CORRELATION SECTION INCORPORATING SONIC LOG FROM THE AIRPORT-GRACE #1 (FAR LEFT) AND TWO TYPE HORIZONTAL BONE SPRING WELLS IN THE AREA. ALL OF THE BONE SPRING WELLS IN THE AREA, WHETHER HORIZONTAL OR VERTICAL, PRODUCE BELOW THE DASHED RED LINE, FROM SANDS LOWER IN THE BONE SPRING SEQUENCE. DARK BROWN SHADING SHOWS CAPROCK, WHICH COULD BE TIGHT CARBONATES AND CLASTICS IN THE BONE SPRING, AND THE THICK CASTILE EVAPORITE SEQUENCE ABOVE THE DELAWARE. BETWEEN THE CAPROCK IN THE BONE SPRING ARE SOME POROUS CARBONATES, AND TIGHTER CLASTICS.

CLEANER DELAWARE SANDS ARE HIGHLIGHTED IN TAN, AND THESE ARE INTERCALATED WITH TIGHTER SILTSTONES AND SHALES WITH LIMITED TO NO PERMEABILITY. THE BRIGHT BLUE SHADING IS THE LAMAR LIMESTONE, A TIGHT, BASINAL CARBONATE AT THE TOP OF THE DELAWARE SEQUENCE. THE RED OVALS SHOW WHERE SOME OF THE ACTIVE DELAWARE OIL WELLS IN THE AREA ARE GENERALLY PERFORATED, SOME OF WHICH CORRESPOND IN PART TO KEY'S PROPOSED INJECTION INTERVAL.



OCD Case No. 15322  
 KEY ENERGY  
 Exhibit #18



1  
 SWO-1483  
 RE SWO  
 No. 1  
 [2117' to  
 3982']  
 UCC Lot 3 / S4 / 235  
 27E



Catalyst Oilfield Services  
 11999 E Hwy 158  
 Gardendale, TX 79758  
 (432) 563-0727  
 Fax: (432) 224-1038

### Water Analysis Report

Customer: Mack Energy Corporation      Sample #: 27741  
 Area: Artesia      Analysis ID #: 26280  
 Lease: Spoon  
 Location: SWD #1      0  
 Sample Point: Old Cavern Hwy & Co Ray Dr Loving, NM

Sampling Date:	4/28/2015	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	4/29/2015	Chloride:	4457.0	125.72	Sodium:	1306.0	56.81
Analyst:	Catalyst	Bicarbonate:	203.3	3.33	Magnesium:	674.9	55.52
TDS (mg/l or g/m3):	8818.9	Carbonate:			Calcium:	877.7	43.8
Density (g/cm3):	1.008	Sulfate:	1300.0	27.07	Potassium:	0.0	0.0
Hydrogen Sulfide:	0	Borate*:	0.0	0.0	Strontium:	0.0	0.0
Carbon Dioxide:	0	*Calculated based on measured elemental boron.			Barium:	0.0	0.0
Comments:		pH at time of sampling:		8.13	Iron:	0.0	0.0
		pH at time of analysis:			Manganese:	0.000	0.0
		pH used in Calculation:		8.13	Conductivity (micro-ohms/cm):		12420
		Temperature @ lab conditions (F):		75	Resistivity (ohm meter):		.8052

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	1.31	20.15	-0.26	0.00	-0.33	0.00	0.00	0.00	0.00	0.00
100	1.34	22.58	-0.27	0.00	-0.27	0.00	0.00	0.00	0.00	0.00
120	1.38	25.36	-0.26	0.00	-0.19	0.00	0.00	0.00	0.00	0.00
140	1.44	28.49	-0.25	0.00	-0.08	0.00	0.00	0.00	0.00	0.00
160	1.50	31.62	-0.23	0.00	0.04	47.25	0.00	0.00	0.00	0.00
180	1.58	35.09	-0.20	0.00	0.18	175.80	0.00	0.00	0.00	0.00
200	1.66	38.57	-0.17	0.00	0.34	286.29	0.00	0.00	0.00	0.00
220	1.74	41.69	-0.14	0.00	0.50	376.97	0.00	0.00	0.00	0.00



Catalyst Oilfield Services  
 11999 E Hwy 158  
 Gardendale, TX 79758  
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### Water Analysis Report

Customer: Mack Energy Corporation      Sample #: 27741  
 Area: Artesia      Analysis ID #: 26280  
 Lease: Spoon  
 Location: SWD #1      0  
 Sample Point: Old Cavern Hwy & Co Ray Dr Loving, NM

<b>Sampling Date:</b>	4/28/2015	<b>Anions</b>	mg/l	meq/l	<b>Cations</b>	mg/l	meq/l
<b>Analysis Date:</b>	4/29/2015	<b>Chloride:</b>	4457.0	125.72	<b>Sodium:</b>	1306.0	56.81
<b>Analyst:</b>	Catalyst	<b>Bicarbonate:</b>	203.3	3.33	<b>Magnesium:</b>	674.9	55.52
<b>TDS (mg/l or g/m3):</b>	8818.9	<b>Carbonate:</b>			<b>Calcium:</b>	877.7	43.8
<b>Density (g/cm3):</b>	1.008	<b>Sulfate:</b>	1300.0	27.07	<b>Potassium:</b>	0.0	0.
<b>Hydrogen Sulfide:</b>	0	<b>Borate*:</b>	0.0	0.	<b>Strontium:</b>	0.0	0.
<b>Carbon Dioxide:</b>	0	*Calculated based on measured elemental boron.			<b>Barium:</b>	0.0	0.
<b>Comments:</b>		pH at time of sampling:		8.13	<b>Iron:</b>	0.0	0.
		pH at time of analysis:			<b>Manganese:</b>	0.000	0.
		pH used in Calculation:		8.13	<b>Conductivity (micro-ohms/cm):</b>		12420
		Temperature @ lab conditions (F):		75	<b>Resistivity (ohm meter):</b>		.8052

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl											
Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		
	°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	
80	1.31	20.15	-0.26	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
100	1.34	22.58	-0.27	0.00	-0.27	0.00	0.00	0.00	0.00	0.00	0.00
120	1.38	25.36	-0.26	0.00	-0.19	0.00	0.00	0.00	0.00	0.00	0.00
140	1.44	28.49	-0.25	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00
160	1.50	31.62	-0.23	0.00	0.04	47.25	0.00	0.00	0.00	0.00	0.00
180	1.58	35.09	-0.20	0.00	0.18	175.80	0.00	0.00	0.00	0.00	0.00
200	1.66	38.57	-0.17	0.00	0.34	286.29	0.00	0.00	0.00	0.00	0.00
220	1.74	41.69	-0.14	0.00	0.50	376.97	0.00	0.00	0.00	0.00	0.00



C-108 Review Checklist: Received 2/11/2015 Add. Request: 2/05/2016 Reply Date: \_\_\_\_\_ Suspended: \_\_\_\_\_ [Ver 15]

ORDER TYPE: WFX / PMX (SWD) Number: \_\_\_\_\_ Order Date: \_\_\_\_\_ Legacy Permits/Orders: \_\_\_\_\_

Well No. 1 Well Name(s): SP00NSGD

API: 30-0 15-42824 Spud Date: TBD New or Old: N (UIC Class II Primacy 03/07/1982)

Footages 1980 FSL 660 FBL Lot \_\_\_\_\_ or Unit I Sec 32 Tsp 22S Rge 27E County Eddy

General Location: 2.5 miles SE of Carlsbad Pool: SWD, Bell Canyon Cherry Canyon Pool No.: 96802

BLM 100K Map: CANLSBAD Operator: MAX Energy Corporation OGRID: 13837 Contact: Deanna Weaver

COMPLIANCE RULE 5.9: Total Wells: 434 Inactive: 3 Fincl Assur: Y Compl. Order? N/A IS 5.9 OK? Y Date: 2-26-2014

WELL FILE REVIEWED  Current Status: Proposed

WELL DIAGRAMS: NEW: Proposed  or RE-ENTER: Before Conv.  After Conv.  Logs in Imaging: N/A

Planned Rehab Work to Well: \_\_\_\_\_

Well Construction Details	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Surface	<u>12 1/4 / 8 5/8</u>	<u>800</u>	<u>725</u>	<u>SURFACE / VISUAL</u>
Planned ___ or Existing ___ Interm/Prod				
Planned ___ or Existing ___ Interm/Prod	<u>7 7/8 / 5 1/2</u>	<u>4100</u>	<u>725</u>	<u>SURFACE / VISUAL</u>
Planned ___ or Existing ___ Prod/Liner				
Planned ___ or Existing ___ Liner				
Planned ___ or Existing ___ OH <u>(PERF)</u>	<u>2050 / 3130</u>			

Injection Lithostratigraphic Units	Depths (ft)	Injection or Confining Units	Tops	Inj Length	Completion/Operation Details:
Adjacent Unit: Litho. Struc. Por.					Drilled TD <u>4100</u> PBSD _____
Confining Unit: Litho. Struc. Por.					NEW TD _____ NEW PBSD _____
Proposed Inj Interval TOP:	<u>2050</u>				NEW Open Hole <input type="checkbox"/> or NEW Perfs <input checked="" type="checkbox"/>
Proposed Inj Interval BOTTOM:	<u>3130</u>				Tubing Size <u>2 7/8</u> in. Inter Coated? <u>Y</u>
Confining Unit: Litho. Struc. Por.					Proposed Packer Depth _____ ft
Adjacent Unit: Litho. Struc. Por.					Min. Packer Depth <u>7150</u> (100-ft limit)
					Proposed Max. Surface Press. <u>7000</u> psi
					Admin. Inj. Press. <u>410</u> (0.2 psi per ft)

**AOR: Hydrologic and Geologic Information**

POTASH: R-111-P \_\_\_\_\_ Noticed? \_\_\_\_\_ BLM Sec Ord  WIPP  Noticed? \_\_\_\_\_ Salt/Salado T: \_\_\_\_\_ B: \_\_\_\_\_ NW: Cliff House fm \_\_\_\_\_

FRESH WATER: Aquifer Quaternary Max Depth 200 HYDRO AFFIRM STATEMENT By Qualified Person

NMOSE Basin: CARLSBAD CAPITAN REEF: thru adj (NA) No. Wells within 1-Mile Radius? \_\_\_\_\_ FW Analysis \_\_\_\_\_

Disposal Fluid: Formation Source(s) Delaware, Bone Analysis? \_\_\_\_\_ On Lease  Operator Only  or Commercial

Disposal Int: Inject Rate (Avg/Max BWPD): NA/4K Protectable Waters? \_\_\_\_\_ Source: \_\_\_\_\_ System: Closed or Open

HC Potential: Producing Interval? NA Formerly Producing? \_\_\_\_\_ Method: Logs/DST/P&A/Other X-section 2-Mile Radius Pool Map

AOR Wells: 1/2-M Radius Map? Y Well List? Y Total No. Wells Penetrating Interval: 12 Horizontals? NA

Penetrating Wells: No. Active Wells 8 Num Repairs? \_\_\_\_\_ on which well(s)? \_\_\_\_\_ Diagrams? Y

Penetrating Wells: No. P&A Wells 4 Num Repairs? \_\_\_\_\_ on which well(s)? \_\_\_\_\_ Diagrams? Y

NOTICE: Newspaper Date 2-9-2015 Mineral Owner LINDSEY Surface Owner APPLICANT N. Date 2-6-18

RULE 26.7(A): Identified Tracts? Y Affected Persons: MATADOR, MCCOMBS, MARCHISON N. Date \_\_\_\_\_

Order Conditions: Issues: X-section thing ing/delaware

Add Order Cond: \_\_\_\_\_

## Goetze, Phillip, EMNRD

---

**From:** Goetze, Phillip, EMNRD  
**Sent:** Wednesday, September 02, 2015 11:49 AM  
**To:** Deana Weaver  
**Cc:** McMillan, Michael, EMNRD; Jones, William V, EMNRD  
**Subject:** RE: Pending SWD Applications  
**Attachments:** 15235\_14\_cf.pdf; 15235\_6\_cf.pdf

Deana:

I apologize for status of the Hollow SWD No. 1 (API No. 30-015-42529) as cancelled. The application was held due to the proximity of a lease pressure maintenance project in the same interval proposed for injection by Mack. I needed for Caza to submit their data regarding the reservoir in the Cherry Canyon formation and their proposed activity for the operation. The application was put aside until the order was established (see attachments). I will revisit Caza's information and assess whether Caza's channel structure is tied to your proposed injection interval.

The location of the Spoon SWD No. 1 (API No. 30-015-42824) is located adjacent to an ongoing case (Case No. 15322 – Key's Graceland well in Sec 36, T22S, R27E) which involves a protest by BC Operating stating the Brushy Canyon and possibly Cherry Canyon formations have hydrocarbon potential. The protest originates from an application for the proposed SWD well in the same interval as BC's proposed well.

The reason for delay for the Hollow is my fault due to putting it aside and not picking up following the issuance of the order. But, the general rule that the formations of the Delaware Mountain Group in certain locations may not have hydrocarbon potential based on older production or exploration information is not valid. Additionally, the general assumption that contacts between the formations are "sealed" and represent confining layers which will prevent impacts from disposal injection on adjacent resources is not proving to be accurate. This means more time to look at the details of applications in the DMG to ensure that OCD doesn't violate its own rules.

I will place your applications on the top – the Key case will be under advisement and I will be able to review the exhibits for guidance. PRG

Phillip R. Goetze, P.G.

Engineering and Geological Services Bureau, Oil Conservation Division  
1220 South St. Francis Drive, Santa Fe, NM 87505

O: 505.476.3466 F: 505.476.3462

[phillip.goetze@state.nm.us](mailto:phillip.goetze@state.nm.us)



---

**From:** Deana Weaver [mailto:dweaver@mec.com]  
**Sent:** Wednesday, September 02, 2015 8:34 AM  
**To:** Goetze, Phillip, EMNRD  
**Subject:** Pending SWD Applications

Phillip

I need updates on the following SWD applications.

Hollow SWD #1 – Mailed 8/6/14

Spoon SWD #1 – Mailed 2/6/15

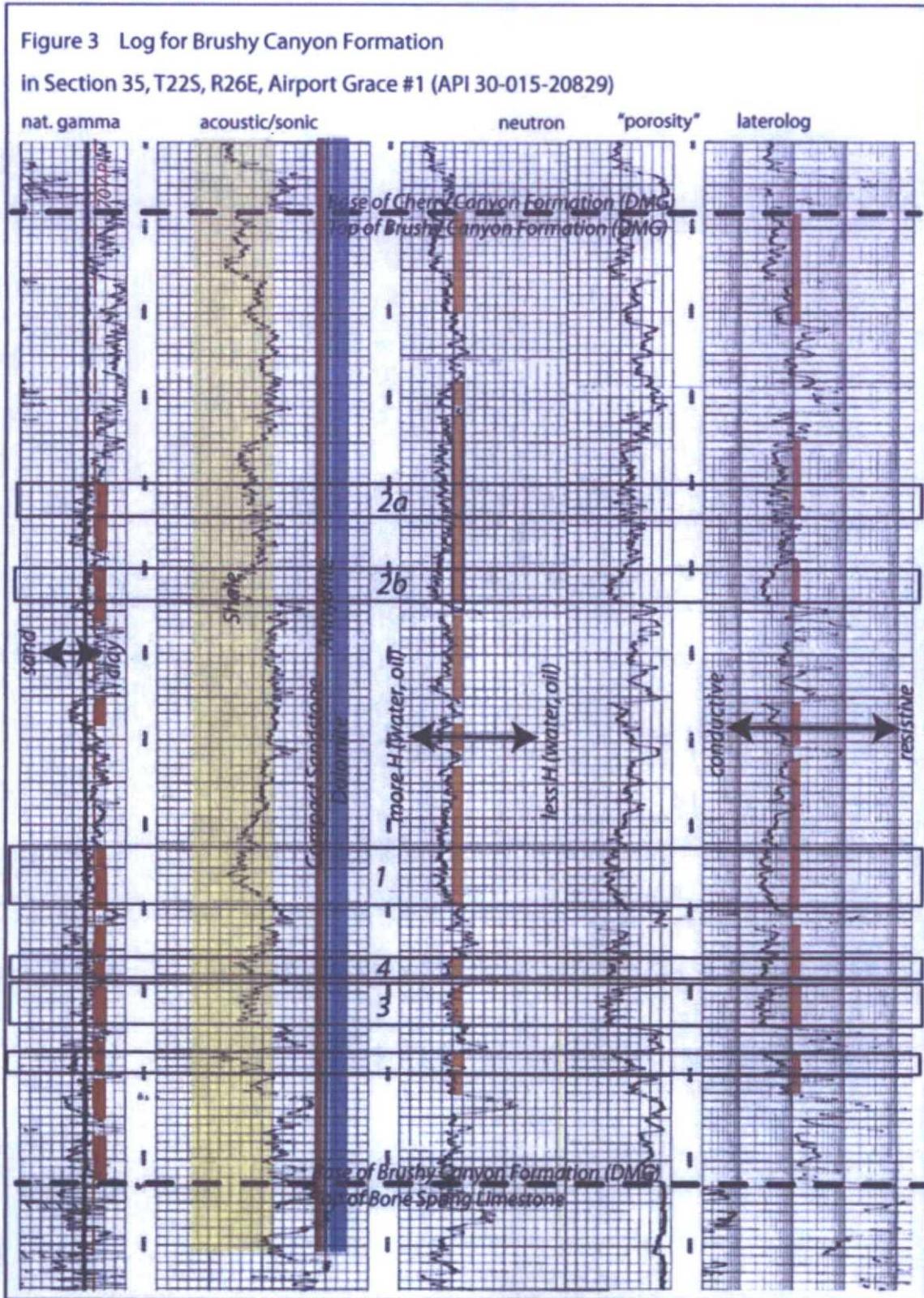
Please respond as soon as possible. Why is the Hollow SWD #1 is taking so long for approval?

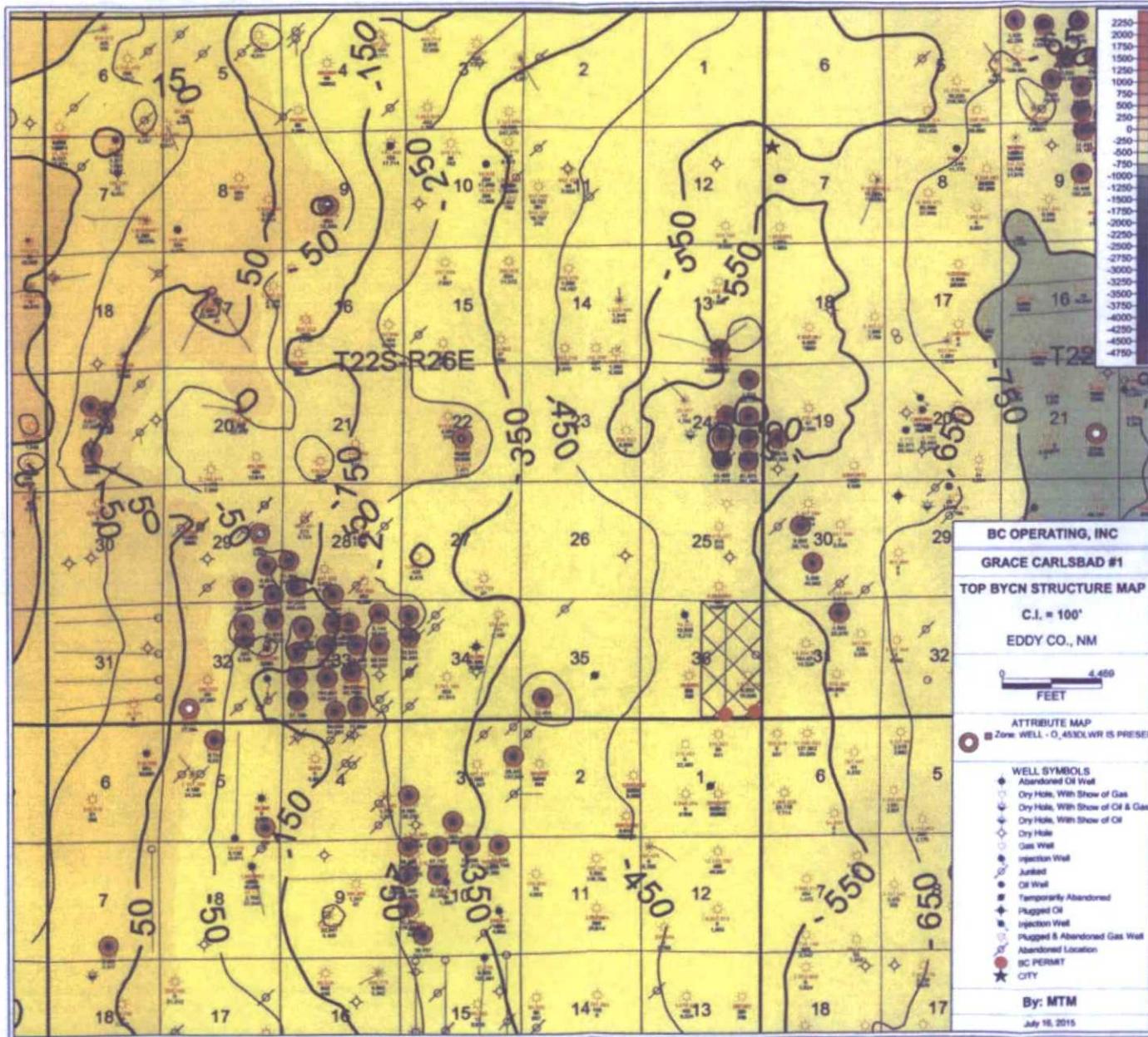
Thank you

Deana Weaver

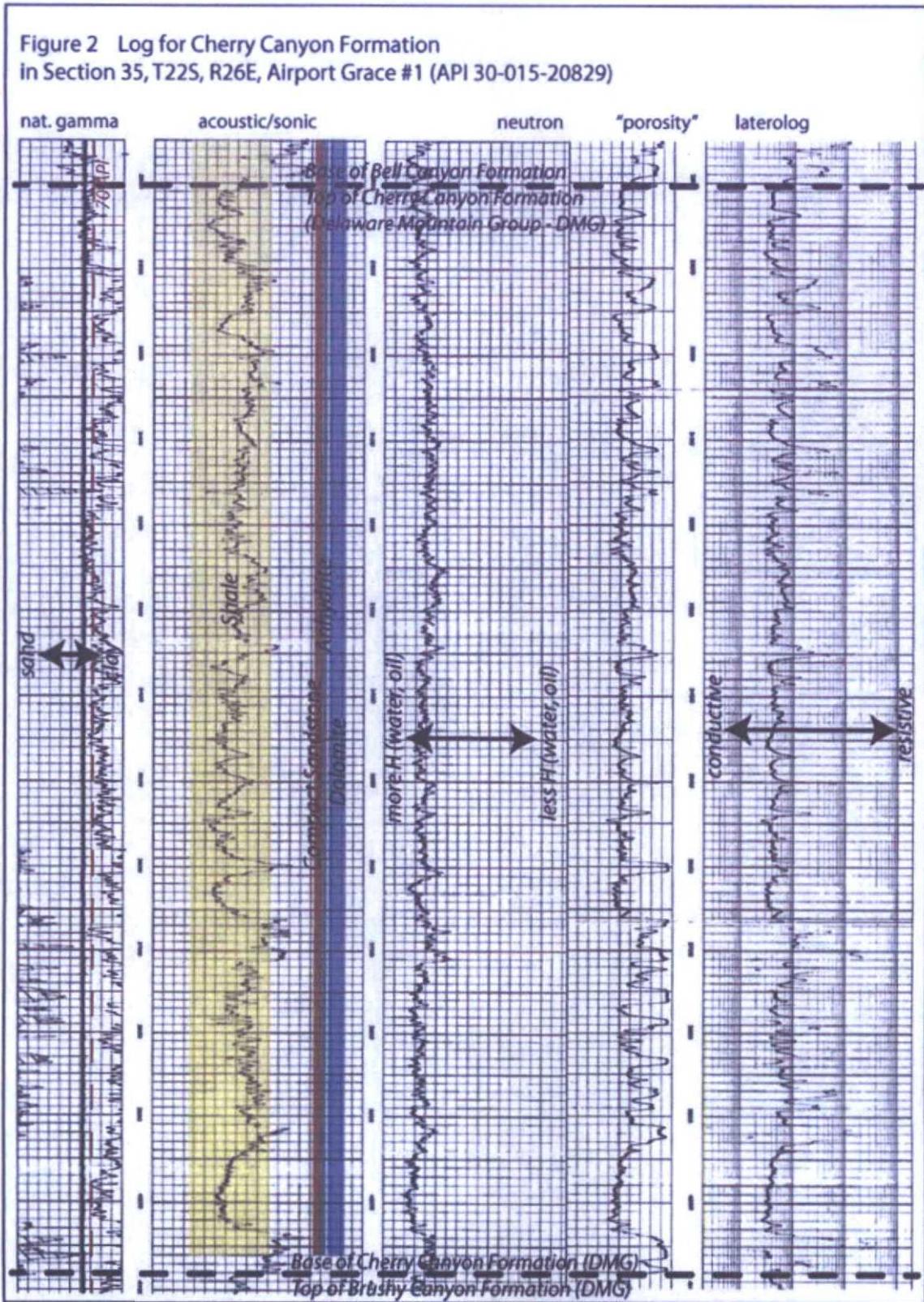
Mack Energy Corporation

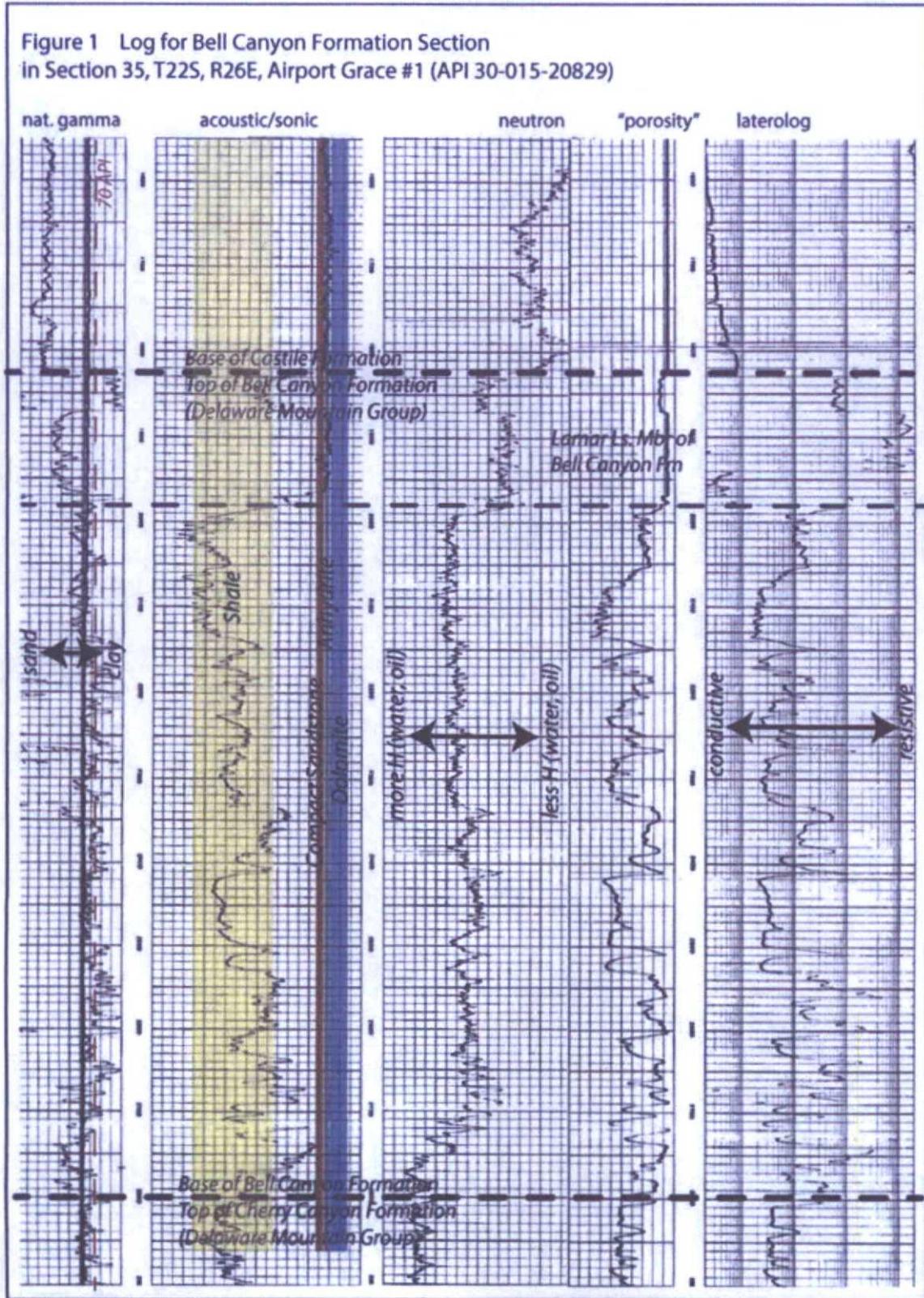
Key Energy SWD T22S R26E Section 36





BEFORE THE OIL CONVERSION  
 DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. 5  
 Submitted by: BC OPERATING, INC.  
 Hearing Date: July 23, 2015







Catalyst Oilfield Services  
 11999 E Hwy 158  
 Gardendale, TX 79758  
 (432) 563-0727  
 Fax: (432) 224-1038

### Water Analysis Report

Customer: Mack Energy Corporation      Sample #: 25981  
 Area: Artesia      Analysis ID #: 24650  
 Lease: Ape Fee  
 Location: #1      0  
 Sample Point: Wellhead

*Bohe Spring*

Sampling Date:	2/5/2015	Anions:	mg/l	meq/l	Cations:	mg/l	meq/l
Analysis Date:	2/11/2015	Chloride:	117600.2	3317.07	Sodium:	55380.0	2408.89
Analyst:	Catalyst	Bicarbonate:	153.7	2.62	Magnesium:	7564.0	622.24
TDS (mg/l or g/m3):	187952.5	Carbonate:			Calcium:	5120.0	255.49
Density (g/cm3):	1.133	Sulfate:	320.0	6.66	Potassium:	1124.0	28.75
Hydrogen Sulfide:	0	Borate*:	187.3	1.18	Strontium:	503.3	11.49
Carbon Dioxide:	92.4	*Calculated based on measured elemental boron.			Barium:	0.0	0.0
Comments:		pH at time of sampling:		7	Iron:	0.0	0.0
		pH at time of analysis:			Manganese:	0.000	0.0
		pH used in Calculation:		7	Conductivity (micro-ohms/cm):		217000
		Temperature @ lab conditions (F):		75	Resistivity (ohm meter):		.0461

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl

Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Colestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
80	0.59	7.31	-0.85	0.00	-0.84	0.00	-0.17	0.00	0.00	0.00
100	0.64	9.06	-0.92	0.00	-0.84	0.00	-0.19	0.00	0.00	0.00
120	0.69	10.53	-0.97	0.00	-0.81	0.00	-0.20	0.00	0.00	0.00
140	0.72	12.28	-1.01	0.00	-0.76	0.00	-0.20	0.00	0.00	0.00
160	0.76	14.33	-1.05	0.00	-0.69	0.00	-0.19	0.00	0.00	0.00
180	0.80	16.37	-1.08	0.00	-0.61	0.00	-0.18	0.00	0.00	0.00
200	0.85	18.71	-1.10	0.00	-0.51	0.00	-0.16	0.00	0.00	0.00
220	0.90	20.76	-1.12	0.00	-0.41	0.00	-0.14	0.00	0.00	0.00



Catalyst Oilfield Services  
 11999 E Hwy 158  
 Gardendale, TX 79758  
 (432) 563-0727  
 Fax: (432) 224-1038

### Water Analysis Report

Customer: Mack Energy Corporation      Sample #: 22342  
 Area: Artesia      Analysis ID #: 21281  
 Lease: Hollow  
 Location: FW 1      0  
 Sample Point: Wellhead

*Hollow SWD*

Sampling Date:	8/8/2014	Anions	mg/l	meq/l	Cations	mg/l	meq/l
Analysis Date:	8/26/2014	Chloride:	384.3	10.84	Sodium:	97.6	4.24
Analyst:	Catalyst	Bicarbonate:	109.0	1.79	Magnesium:	45.6	3.75
TDS (mg/l or g/m3):	1396.7	Carbonate:			Calcium:	269.5	13.45
Density (g/cm3):	1.004	Sulfate:	460.0	9.58	Potassium:	22.4	0.57
Hydrogen Sulfide:	0	Borate:	0.0	0	Strontium:	8.3	0.19
Carbon Dioxide:	0	*Calculated based on measured elemental boron:			Barium:	0.0	0
Comments:		pH at time of sampling:		7	Iron:	0.0	0
		pH at time of analysis:			Manganese:	0.000	0
		pH used in Calculation:		7	Conductivity (micro-ohms/cm):		1808
		Temperature @ lab conditions (F):		75	Resistivity (ohm meter):		5.5310

Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>	
	*F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index
80	-0.22	0.00	-0.69	0.00	-0.76	0.00	-0.50	0.00	0.00	0.00
100	-0.09	0.00	-0.69	0.00	-0.69	0.00	-0.49	0.00	0.00	0.00
120	0.05	0.70	-0.68	0.00	-0.60	0.00	-0.46	0.00	0.00	0.00
140	0.20	3.15	-0.65	0.00	-0.49	0.00	-0.43	0.00	0.00	0.00
160	0.36	5.95	-0.63	0.00	-0.36	0.00	-0.38	0.00	0.00	0.00
180	0.52	8.75	-0.59	0.00	-0.21	0.00	-0.33	0.00	0.00	0.00
200	0.69	11.55	-0.55	0.00	-0.05	0.00	-0.28	0.00	0.00	0.00
220	0.86	14.35	-0.51	0.00	0.12	44.10	-0.22	0.00	0.00	0.00





**SW/4, E/2, E/2NW/4 of Section 32, Township 22 South, Range 27 East, NMPM**

Artesia Oil & Gas, LLC  
PO Box 1768  
Artesia, NM 88211

Ventana Minerals, LLC  
11344 Lovington Highway  
Artesia, NM 88210

Mary Francis Price, a/k/a Mary F. Price, a  
Widow, Individually and as Life Tenant  
812 Hopi Road  
Carlsbad, NM 88220

MRC Permian Company  
One Lincoln Center  
5400 LBJ Freeway, Suite 1500  
Dallas, TX 75240

DiaKan Minerals, LLC  
11344 Lovington Highway  
Artesia, NM 88210

Linda A. Bell  
PO Box 2223  
Cody, WY 82414

Brininstool XL Ranch, LLC  
Attn. Christine Brininstool  
PO Box 940  
Jal, NM 88252

Ray Fletcher, sm, ssp; Shirley Fletcher, sw, ssp  
c/o Tracy Fletcher  
1108 Acoma Place  
Farmington, NM 87401

Mary Gene Bloomquist, ssp  
14050 East Linvale Place, Apt. #202  
Aurora, CO 80014

Chase Oil Corporation  
11344 Lovington Highway  
Artesia, NM 88210

Nelta Sue Brown, ssp  
PO Box 5188  
Page, AZ 86040

Ethel T. Neal, a Widow & Personal  
Representative of The Estate of Caswell  
Fincher Neal, Decd.  
2011 Brazos  
Roswell, NM 88201

Robert C. Chase  
11344 Lovington Highway  
Artesia, NM 88210

Carroll Resources Corporation  
PO Box 8438  
Northfield, IL 60093

**NW/4 of Section 4, Township 23 South, Range 27 East, NMPM**

Chase Oil Corporation  
11344 Lovington Highway  
Artesia, NM 88210

Ventana Minerals, LLC  
11344 Lovington Highway  
Artesia, NM 88210

Robert C. Chase  
11344 Lovington Highway  
Artesia, NM 88210

DiaKan Minerals, LLC  
11344 Lovington Highway  
Artesia, NM 88210

**NE/4, E/2NW/4 of Section 5, Township 23 South, Range 27 East, NMPM**

Linn Operating, Inc.  
600 Travis, Suite 5100  
Houston, TX 77002

## Spoon SWD Offsets

### W/2 of Section 33, Township 22 South, Range 27 East, NMPM

McCombs Energy, Ltd.  
5599 San Felipe; Suite 1200  
Houston, TX 77056

David K. Henderson  
PO Box 1518  
Roswell, NM 88202

Reserve Management, Inc.  
PO Box 4469  
Longview, TX 75606

McCombs Energy, LLC  
5599 San Felipe; Suite 1200  
Houston, TX 77056

Virginia C. Houston Marital Trust  
5535 Park Lane  
Dallas, TX 75220

Alfred E. Rodriguez  
7777 Forest Lane  
Dallas, TX 75230

Chi Energy, Inc.  
PO Box 1799  
Midland, TX 79702

R.R. & Bobbie McDearmon  
2533 20th Avenue North  
Texas City, TX 77590

Westway Petro Four  
500 N. Akard-Lock, Box 70  
Dallas, TX 75201

Brazos, LP  
PO Box 911  
Breckenridge, TX 76424

Jack C. Holland  
216 Goddard Blvd., Ste 10  
King of Prussia, PA 19406

The John D. L. & Chloe M. Davis  
Revocable Living Trust  
421 Hazelwood Drive West  
Fort Worth, TX 76107

Murchison Oil & Gas, Inc.  
1100 Mira Vista Blvd  
Plano, TX 75093

Donald E. Richter  
9 Willow Wood  
Dallas, TX 75205

Boughton Petroleum, Inc.  
PO Box 1389  
Sealy, TX 77474

McVay Drilling, Inc.  
PO Box 924  
Hobbs, NM 88241

CBR Oil Properties, LLC  
PO Box 1518  
Roswell, NM 88202

First Centry Oil, Inc.  
PO Box 1518  
Roswell, NM 88202

Pocahontas Oil Company, Inc.  
PO Box 60476  
Midland, TX 79711

Lincoln Oil & Gas, LLC  
701 Three Cross Drive  
Roswell, NM 88201

Charles H. Hill, III  
1529 Windy Meadow  
Dallas, TX 75248

WDW Operator, Inc.  
1521 Olivier Street  
Midland, TX 79701

Marion V. Turner  
Route 9, Box 62-T  
Santa Fe, NM 87505

The Virginia A. Desmond Trust  
c/o First American Bank  
PO Box 1857  
Roswell, NM 88202

James H. Barnett  
PO Box 4966  
Midland, TX 79704

Buchholz Oil & Gas Company, Inc.  
1201 Elm Street  
Suite 4300  
Dallas, TX 75270

MPS, Inc.  
PO Box 52308  
Tulsa, OK 74152

Read & Stevens, Inc.  
PO Box 1518  
Roswell, NM 88202

DHB Partnership  
8144 Walnut Hill Lane; Ste 982, LB 51  
Dallas, TX 75240

Ralph E. Peacock  
7925 E. 40th Street  
Tulsa, OK 74145

Thomas M. Beall  
PO Box 3098  
Midland, TX 79702

CSA Petroleum Corporation  
PO Box 318  
Hunt, TX 78024

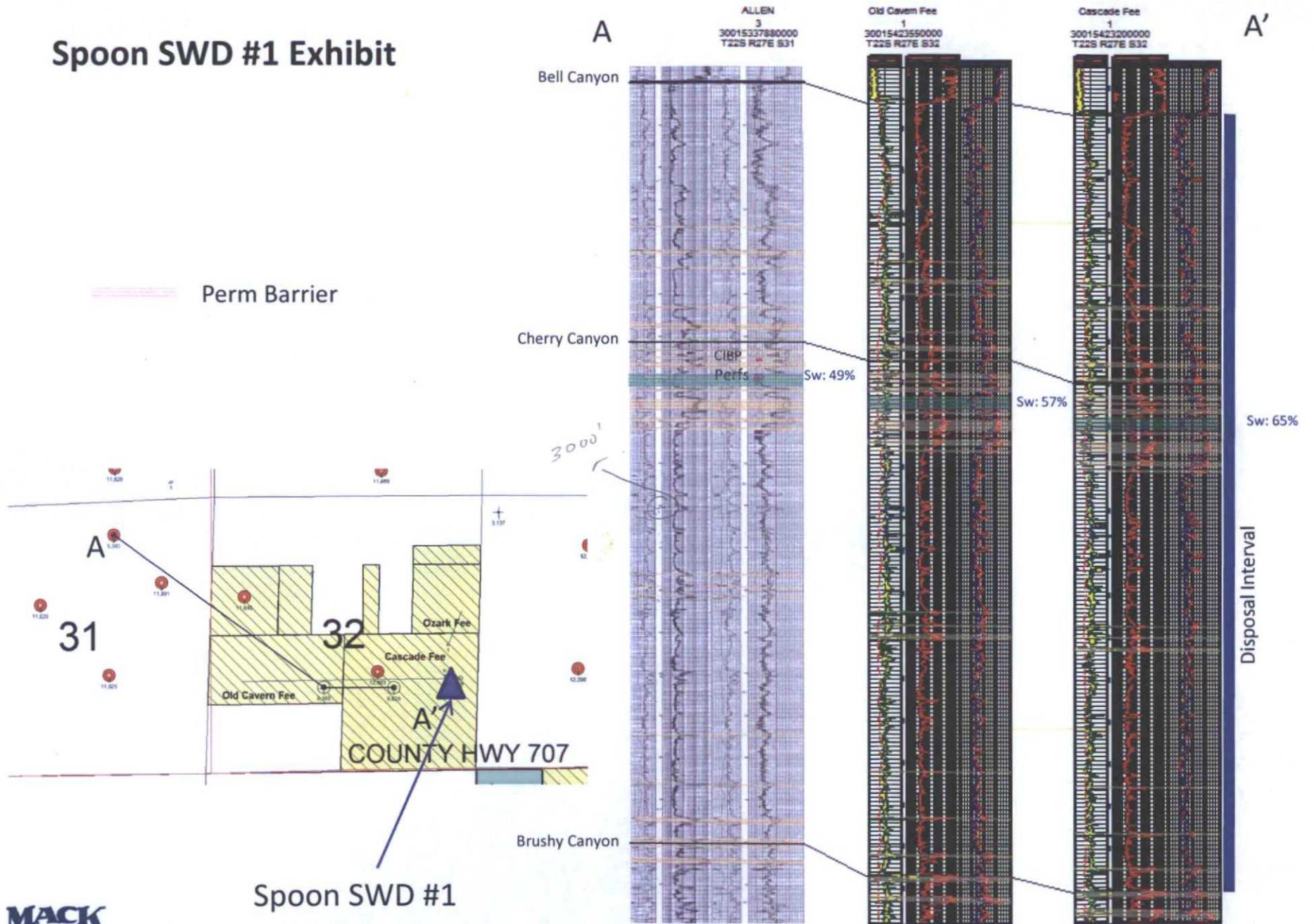
The Sharon Stone Trollinger Trust  
6026 Meadowcreek Drive  
Dallas, TX 75248

Neil Sisson  
PO Box 2234  
Ardmore, OK 73402

G. Phillip Huey  
6330 E. University  
Dallas, TX 75214

New Mexico Western Minerals, Inc.  
PO Box 1738  
Roswell, NM 88202

# Spoon SWD #1 Exhibit



Spoon SWD #1

*Proposed  
Perf 2050-3930*

*Perf  
2688-2700*



## McMillan, Michael, EMNRD

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**From:** Deana Weaver <dweaver@mec.com>  
**Sent:** Monday, February 08, 2016 9:15 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Spoon SWD Well No. 1  
**Attachments:** water analysis.pdf

Michael

Attached is the water analysis for the Delaware and Bone Spring Formation. Chase Oil owns the surface. I will forward the tract map and cross section as soon as I receive the information.

Thanks  
Deana

---

**From:** McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]  
**Sent:** Friday, February 05, 2016 9:26 AM  
**To:** Deana Weaver  
**Subject:** RE: Spoon SWD Well No. 1

Deana:

Can you provide the following information:

- The surface owner
- Water sample of the Delaware and Bone Spring formation
- Tract map of the different owners

Thank You

## Michael A. McMillan

Engineering and Geological Services Bureau, Oil Conservation Division  
1220 South St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448 F. 505.476.3462  
[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)

---

**From:** McMillan, Michael, EMNRD  
**Sent:** Friday, February 05, 2016 8:13 AM  
**To:** 'Deana Weaver'  
**Subject:** RE: Spoon SWD Well No. 1

Thanks  
Mike

---

**From:** Deana Weaver [<mailto:dweaver@mec.com>]  
**Sent:** Friday, February 05, 2016 8:12 AM  
**To:** McMillan, Michael, EMNRD  
**Subject:** RE: Spoon SWD Well No. 1

I'll get you the information as soon as possible.

Thank you  
Deana Weaver  
Mack Energy Corp

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**From:** McMillan, Michael, EMNRD [<mailto:Michael.McMillan@state.nm.us>]  
**Sent:** Thursday, February 04, 2016 3:30 PM  
**To:** Deana Weaver  
**Subject:** Spoon SWD Well No. 1

Deana:

Can you provide a cross-section through the Spoon SWD Well No. 1, that shows the top of the Delaware, bottom of injection interval, and any perm barriers. Can you include the Allen Well No. 3 (API 30-015-33788) in the cross-section, It cum 4600 barrels of oil.

Thank You

## **Michael A. McMillan**

Engineering and Geological Services Bureau, Oil Conservation Division  
1220 South St. Francis Dr., Santa Fe NM 87505  
O: 505.476.3448 F. 505.476.3462  
[Michael.mcmillan@state.nm.us](mailto:Michael.mcmillan@state.nm.us)