

DATE IN 8/26	SUSPENSE	ENGINEER Jones	LOGGED IN 8/26	TYPE SWD	APP NO. 0907953144
--------------	----------	----------------	----------------	----------	--------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Mack (13837)

ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

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

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

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

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners
[B] ☒ Offset Operators, Leaseholders or Surface Owner
[C] ☒ Application is One Which Requires Published Legal Notice
[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] ☐ Waivers are Attached

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

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

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

Jerry W. Sherrell
Print or Type Name

Jerry W. Sherrell
Signature

Production Clerk
Title

8-24-09
Date

jerrys@mackenergycorp.com
e-mail Address

RECEIVED OGD
2009 AUG 26 P 12:23

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. OPERATOR: Mack Energy Corporation

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

CONTACT PARTY: Jerry W. Sherrell

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

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

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

VII. Attach data on the proposed operation, including:

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

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

IX. Describe the proposed stimulation program, if any.

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

*XI. Attach a chemical analysis of 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: Jerry W. Sherrell

TITLE: Production Clerk

SIGNATURE: Jerry W. Sherrell

DATE: 8-24-09

* 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: _____

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

Side I

INJECTION WELL DATA SHEET

OPERATOR: Mack Energy Corporation

WELL NAME & NUMBER: Romo SWD #1

WELL LOCATION: 640 FSL & 2290 FEL

UNIT LETTER O SECTION 7 TOWNSHIP 17S RANGE 29E

FOOTAGE LOCATION

WELL CONSTRUCTION DATA

Surface Casing

WELLBORE SCHEMATIC

Hole Size: 17 1/2 Casing Size: 13 3/8 @ 375'

Cemented with: 400sx sx. or ft

13 3/8" casing @ 375'; cem w/ 400sx; circ

Top of Cement: Surface Method Determined: Circulated

Intermediate Casing

Hole Size: 12 1/4 Casing Size: 8 5/8 @ 2600'

Cemented with: 775sx sx. or ft

8 5/8" casing @ 2600'; cem w/ 775sx; circ

Top of Cement: Surface Method Determined: Circulated

2 7/8" PC tubing @ 8250' set
w/ 10k nickel plated pkr

Production Casing

Hole Size: 7 7/8 Casing Size: 5 1/2 @ 9300'

Cemented with: 1150sx sx. or ft

Perfs @ 8350-8900'

Top of Cement: Surface Method Determined: Circulated

5 1/2" casing @ 9300'; cem w/ 1150sx; circ

Total Depth: 6029

TD @ 9300'

Injection Interval

8,350' feet to 8,900' Perforated

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

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

Type of Packer: Arrow Set 10K Nickel Plated Packer

Packer Setting Depth: 8250'

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: Cisco
3. Name of Field or Pool (if applicable): SWD;Cisco
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No
5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: Overlying-Wolfcamp, Underlying-Strawn

Drilling Program
Mewbourne Oil Company
Empire "7" Federal #2
760' FSL & 660' FEL
Section 7- T17S-R29E
Eddy County, New Mexico
Lease Number NM-101967

1. The estimated top of geological markers are as follows:

Seven Rivers	1030'
Loco Hills	2120'
San Andres	2400'
Lovington	2480'
Tubb	5190'
Abo	5895'
Wolfcamp	7130'
Cisco	8710'
Strawn	9820'
Atoka	9980'
Morrow	10120'

2. Estimated depths of anticipated fresh water, oil, or gas:

Water	Approximately 200'
Hydrocarbons	All zones below San Andres

3. Pressure control equipment:

Two thousand psi working pressure annular BOP's will be installed on the 13-3/8" surface casing. Three thousand psi working pressure BOP's and two thousand psi working pressure Hydril will be installed on the 8-5/8" intermediate casing. Pressure tests will be conducted prior to drilling out under all casing strings.

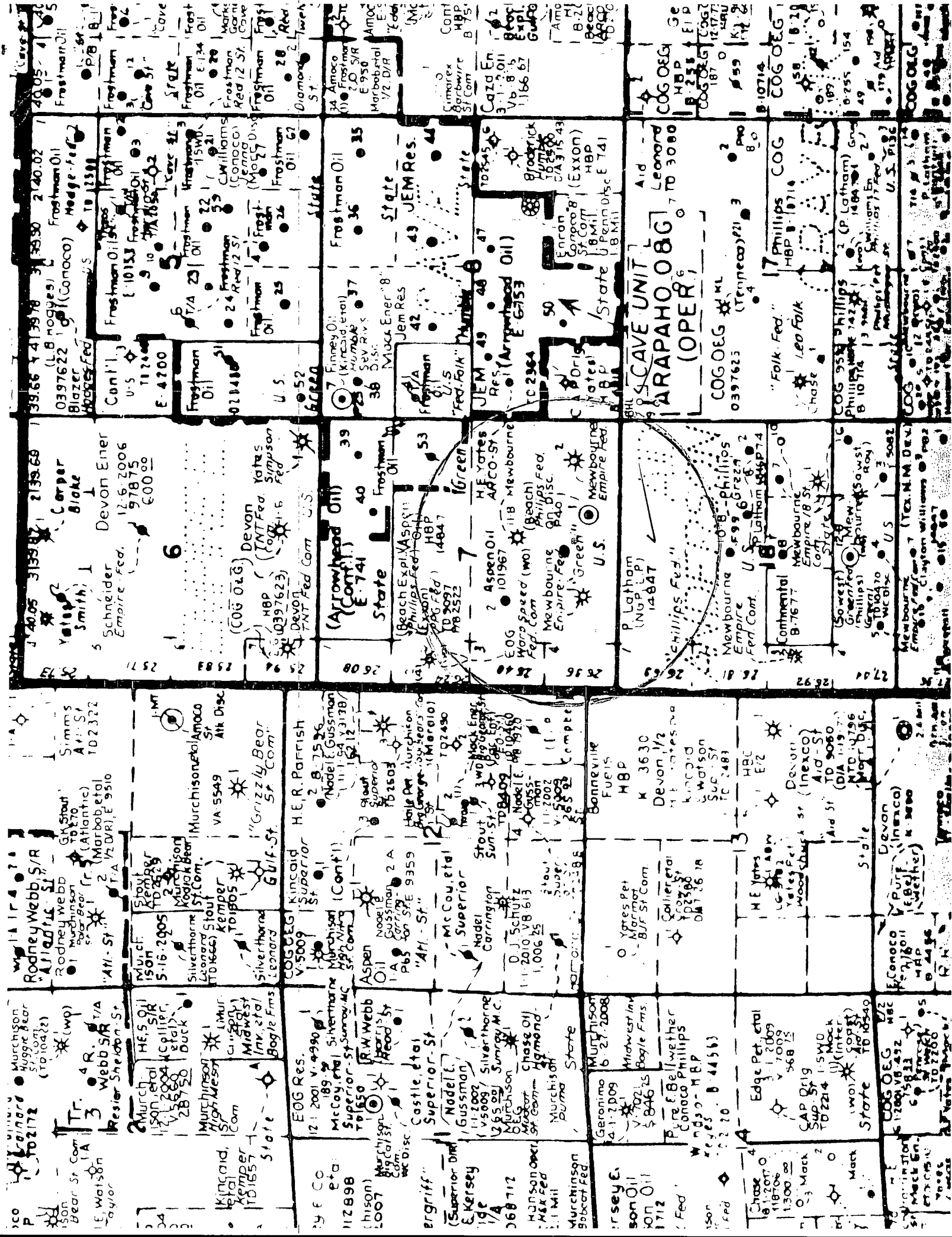
BOP controls will be installed prior to drilling under surface casing and will remain in use until completion of drilling operations. BOP's will be inspected and operated daily to insure mechanical integrity and the inspection will be recorded on the daily drilling report.

Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the kelly is not in use.

AREA OF REVIEW WELL DATA

LEASE	WELL#	LOCATION	TD (PBSD)	TYPE & DATE DRILLED	SIZE	CASING SIZE & WEIGHT	SETTING DEPTH	SX CMT	TOC	PERFS
Romo SWD	1	640' FSL 2260' FEL 7-17S-29E	9,300'	SWD Pending	17 1/2 12 1/4 7 7/8	13 3/8, 48# 8 5/8, 32# 5 1/2, 17#	375' 2600' 9300'	400 775 1150	Circ Circ Circ	8350-8900'
Warp Speed Fed com	1	2280' FNL 1930' FWL 7-17S-29E	10,885' 10,345'	Gas Well 6/5/2001	14 3/4 11 7 7/8	11 3/4, 42# 8 5/8, 32# 5 1/2, 17#	472' 2647' 10,886'	325 830 1400	0 0 0	10,426-10,550' CIBP @ 10,380' w/35' cmt cap
Empire 7 Federal	2	760' FSL 660' FEL 7-17S-29E	10,700' 10,621'	Gas Well 11-23-2002	17 1/2 12 1/4 7 7/8	13 3/8, 48# 8 5/8, 32# 5 1/2, 17#	224' 3597' 10,700'	450 1040 1750	0 0 2895	10,465-10,509'
Empire 7 Federal	1	760' FSL 1750' FWL 7-17S-29E	10,758' 10,632'	Gas Well 5-18-2000	17 1/2 12 1/4 7 7/8	13 3/8, 48# 8 5/8, 32# 5 1/2, 17#	200' 2600' 10,758'	450 1040 1875	0 0 0	10,446-10,470'
Green "B"	11	1780' FSL 2080' FEL 7-17S-29E	10,670' 10,602'	Gas Well 5-31-1981	17 1/2 11 7 7/8	13 3/8, 54.5# 8 5/8, 32# 5 1/2, 15.5#, 17#	314' 2675' 10,670'	500 1450 825	0 0 6900	10,240-10,581'
Green "B"	10	1980' FNL 2310' FEL 18-17S-29E	10,720' 10,684'	Gas Well 4/23/1980	17 1/2 11 7 7/8	13 3/8, 77# 5/8, 32# 1/2, 15.5#, 17#	328' 2646' 10,720'	325 1100 700	0 0 0	10,466-10,476' CIBP @ 10,550' 10,604-10,613' 10,617-10,630'

Drill 501

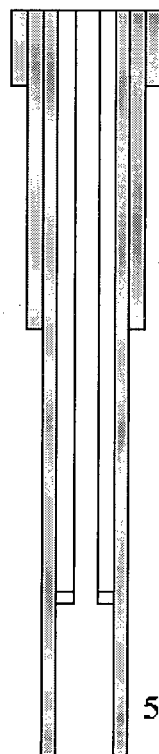


Romo SWD #1
Sec. 7 T17S R29E

after

2 7/8" PC tubing @ 8250' set
w/ 10k nickel plated pkr

Perfs @ 8350-8900'



13 3/8" casing @ 375'; cem w/ 400sx; circ

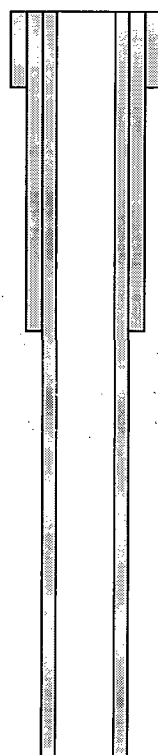
8 5/8" casing @ 2600'; cem w/ 775sx; circ

5 1/2" casing @ 9300'; cem w/ 1150sx ; circ

TD @ 9300'

Before

Romo SWD #1
Sec. 7 T17S R29E



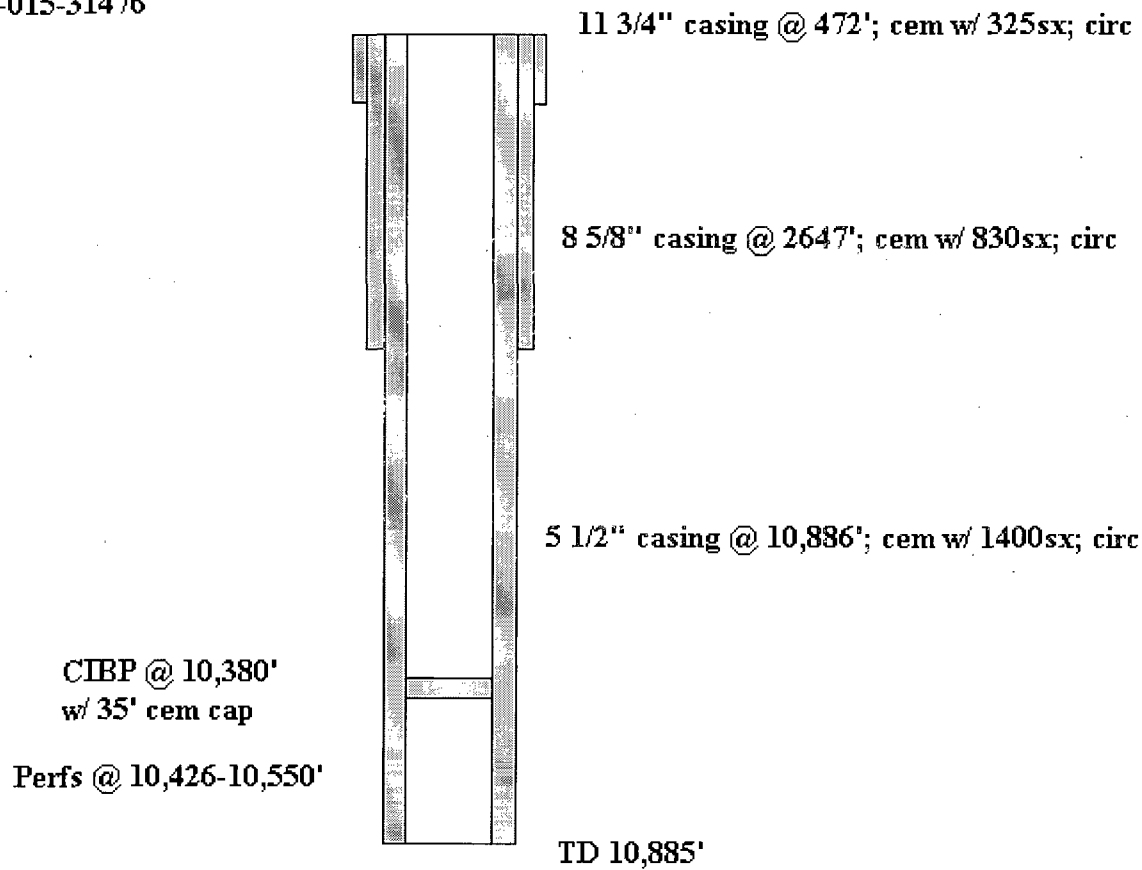
13 3/8" casing @ 375'; cem w/ 400sx; circ

8 5/8" casing @ 2600'; cem w/ 775sx; circ

5 1/2" casing @ 9300'; cem w/ 1150sx; circ

TD @ 9300'

Warp Speed Fed. Com #1
Sec. 7 T17S R29E
30-015-31476



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
NM 101967

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Mewbourne Oil Company 14744

3. Address and Telephone No.

PO Box 5270, Hobbs, N.M. 88241 505-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

760' FSL & 660' FEL Sec.7 T-17S R-29E

UT.P

8. Well Name and No.

Empire 7 Federal #2

9. API Well No.

30-015-32561

10. Field and Pool, or Exploratory Area

Empire South Morrow

11. County or Parish, State

Eddy, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other TD & ran Production Csg.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

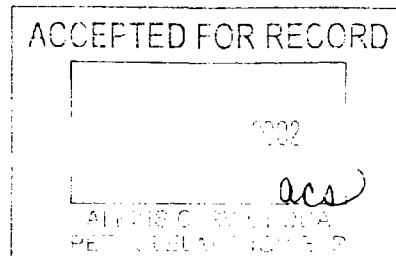
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11/23/02...TD'ed 7 7/8" hole @ 10700'. Ran E-Logs. Ran 10700' 5 1/2" 17# N&P110 LT/C csg. Cemented 1st stage w/250 sks 65/35 'H'/Poz w/ additives. Mixed @ 12.7 #/g w/ 1.86 yd. Tailed w/ 300 sks 'H' w/ additives. Mixed @ 15.1 #/g w/ 1.28 yd. Circled 6 hrs between stages. DV Tool @ 8345'. Cemented 2nd stage w/ 1100 sks 65/35 'H'/Poz w/ additives. Mixed @ 12.7 #/g w/ 1.86 yd. Tailed w/ 100 sks 'H' neat. Mixed @ 15.8 #/g w/ 1.18 yd. Set Slips & NU wellhead.

11/25/02...Release rig.

ACCEPTED FOR RECORD



14. I hereby certify that the foregoing is true and correct

Signed

Title NM Young District Manager

Date 11/26/02

(This space for Federal or State office use)

Approved by

Title

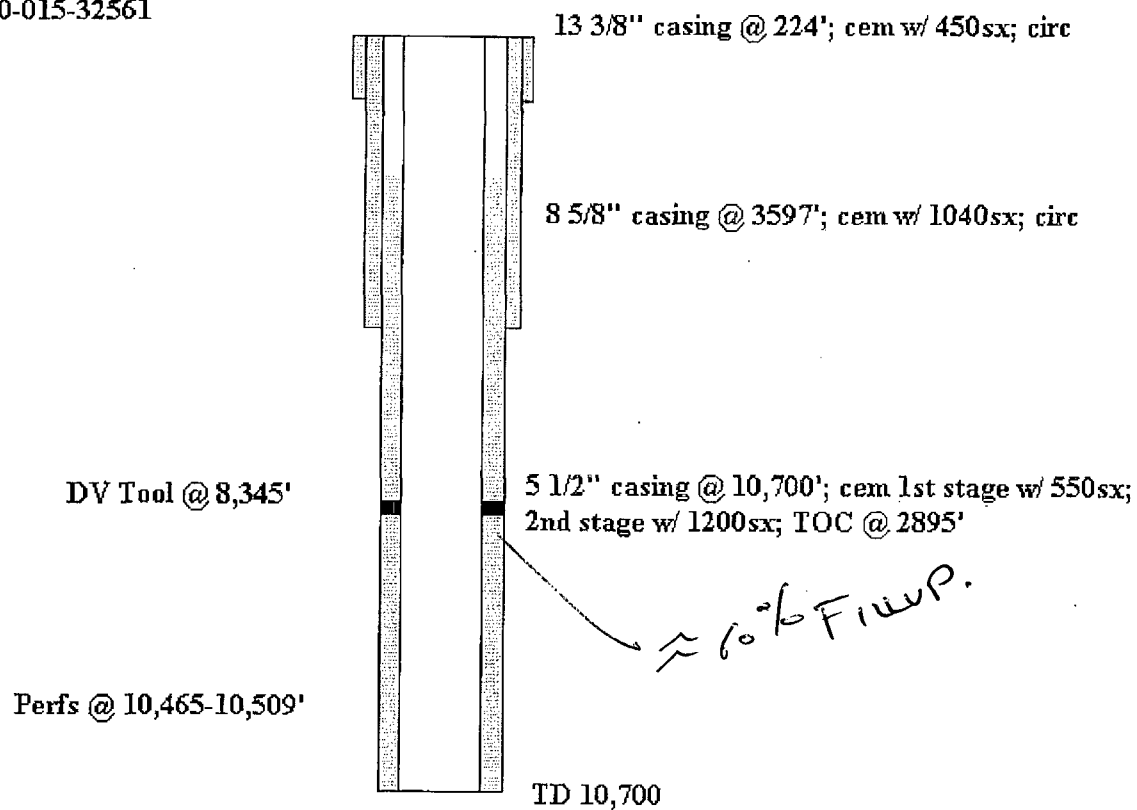
Date

Conditions of approval, if any:

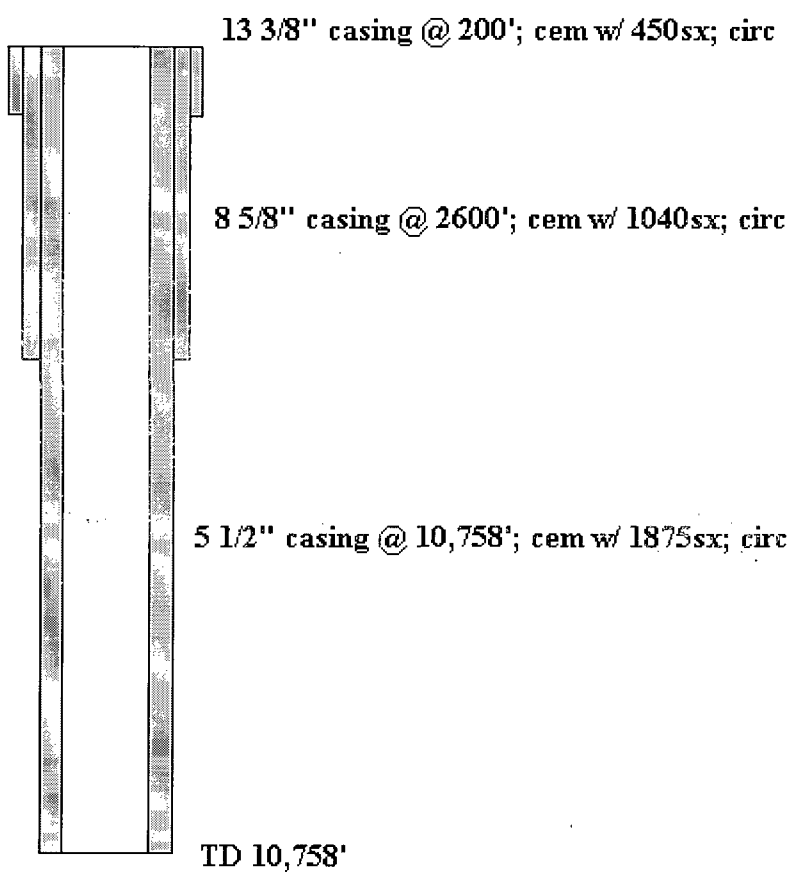
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Empire 7 Federal #2
Sec. 7 T17S R29E
30-015-32561



Empire 7 Federal #1
Sec. 7 T17S R29E
30-015-31134



Green "B" #11
Sec. 7 T17S T29E
30-015-23754

13 3/8" casing @ 314'; cem w/ 500sx; circ



8 5/8" casing @ 2675'; cem w/ 1450sx; circ

5 1/2" casing @ 10,670'; cem w/ 825sx;
TOC @ 6900'

Perfs 10,240-10581'

TD 10,670'

Green "B" #10
Sec. 18 T17S R29E
30-015-23209

13 3/8" casing @ 328'; cem w/ 325sx; circ

8 5/8" casing @ 2646'; cem w/ 1100sx; circ

Perfs 10,466-10,476'

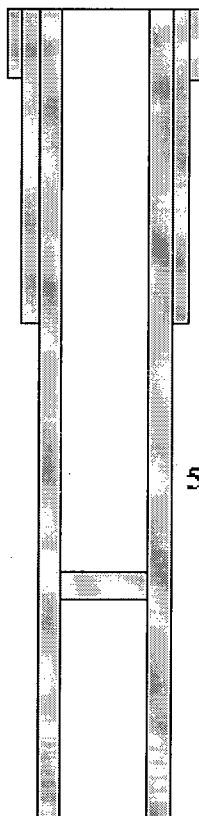
CIBP @ 10,550'
w/35' cem cap

5 1/2" casing @ 10720'; cem w/700sx; circ

Perfs 10,604-10,613'

Perfs 10,617-10,630'

TD 10,720'



Romo SWD #1
990 FSL & 2310 FEL, Sec. 7 T17S R29E
Formation Tops

Quaternary	Surface	Wolfcamp	7140'
Yates	830'	Cisco	8100'
Queen	1650'	Strawn	9450'
Grayburg	2050'		
San Andres	2400'		
Glorieta	3800'		
Tubb	5260'		
Abo	5900'		

VII. DATA SHEET: PROPOSED OPERATIONS

1. Proposed average and maximum daily rate and volume of fluids to be injected;
Average 1000/Maximum 4000 BWPD
2. The system is closed or open;
Closed
3. Proposed average and maximum injection pressure;
0-1670#
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

Devonian

1. Lithologic Detail; **Dolomite**
2. Geological Name; **SWD; Cisco**
3. Thickness; **550'**
4. Depth; **8,350-8,900'**

IX. PROPOSED STIMULATION PROGRAM

1. To be treated with 10,000 gallons 15% acid

X. LOGS AND TEST DATA

1. Well data will be filed with OCD.

XI. ANALYSIS OF FRESHWATER WELLS

1. Information Attached.

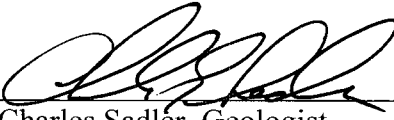
XII. AFFIRMATIVE STATEMENT

RE: Romo 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: 8/25/09



Charles Sadler, Geologist



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

Water Analysis Report

Company:	Mack Energy Corporation	Sample #:	14483
Area:	Artesia	Analysis ID #:	2147
Lease:	Romo		
Location:	#1/FW 0		
Sample Point:	Wellhead		

		Anions		Cations	
		mg/l	meq/l	mg/l	meq/l
Sampling Date:	7/29/2009	Chloride:	32.0	Sodium:	16.8
Analysis Date:	8/5/2009	Bicarbonate:	103.9	Magnesium:	9.4
Analyst:	Mitchell	Carbonate:	0.0	Calcium:	35.5
TDS (mg/l or g/m3):	229.6	Sulfate:	32.0	Strontium:	
Density (g/cm3):	1			Barium:	
				Iron:	0.0
Hydrogen Sulfide:	0			Manganese:	0.030
Carbon Dioxide:	0				
Comments:		pH at time of sampling:	7		
		pH at time of analysis:			
		pH used in Calculation:	7		
		Temperature @ lab conditions (F):	75	Conductivity (micro-ohms/cm):	522
				Resistivity (ohm meter):	19.1571

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

Temp		Calcite CaCO ₃		Gypsum CaSO ₄ ·2H ₂ O		Anhydrite CaSO ₄		Celestite SrSO ₄		Barite BaSO ₄		
°F	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount		
80	-0.85	0.00	-2.26	0.00	-2.33	0.00	0.00	0.00	0.00	0.00		
100	-0.70	0.00	-2.25	0.00	-2.25	0.00	0.00	0.00	0.00	0.00		
120	-0.55	0.00	-2.23	0.00	-2.15	0.00	0.00	0.00	0.00	0.00		
140	-0.38	0.00	-2.20	0.00	-2.03	0.00	0.00	0.00	0.00	0.00		
160	-0.20	0.00	-2.16	0.00	-1.89	0.00	0.00	0.00	0.00	0.00		
180	-0.02	0.00	-2.12	0.00	-1.74	0.00	0.00	0.00	0.00	0.00		
200	0.17	2.45	-2.07	0.00	-1.57	0.00	0.00	0.00	0.00	0.00		
220	0.36	5.26	-2.02	0.00	-1.39	0.00	0.00	0.00	0.00	0.00		

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico

Section 18: N/2,

Last Instrument: 754/92 Recorded: 7/29/2008

Lease # 1: N/2,

Federal Oil & Gas Lease: NMNM 14847

Date Issued: 11/3/1933

Royalty Rate: 1/8

Held By Production:

N/2,

As to the Cisco Formation

Working Interest Owner

ConocoPhillips Company ✓

P.O. Box 2197

Houston, TX 77252

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico

Section 17: NW/4NW/4,

Last Instrument: 722/1194 Recorded: 5/30/2008

Lease # 1: NW/4NW/4,

Federal Oil & Gas Lease: NMNM 0397623

Date Issued: 7/1/1949

Royalty Rate: 1/8

Held By Production:

NW/4NW/4,

As to the Cisco Formation

Working Interest Owner

COG Oil & Gas LP

550 W. Wall, Ste 1300✓

Midland, TX 79701

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico

Section 13 : NE/4,

Last Instrument: 772/364 Recorded:4/1/2009

Lease # 1: NE/4,

State Oil & Gas Lease: K-3630-3
Date Issued: 10/15/1963
Royalty Rate: 1/8
Held By Production:

NE/4,

As to the Cisco Formation

Working Interest Owners

Harvey E. Yates Company, et al
P.O. Box 1933
Roswell, NM 88202

NOTE: The E/2, is subject to the following:

1: Joint Operating Agreement dated 9/15/1981, by and between Harvey E. Yates Company, as Operator, and Inexco Oil Company, et al as Non-Operators. The Joint Operating Agreement appears to cover depths from 2,300' to 10,896'.

2: Communitization Agreement dated 7/26/1982 declaring Harvey E. Yates Company, as Operator, as to the Morrow Formation.

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico

Section 12 : SE/4NE/4, N/2SE/4, SE/4SE/4,

Last Instrument: 704/109 Recorded: 7/30/2007

Lease # 1: SE/4NE/4, N/2SE/4, SE/4SE/4,

State Oil & Gas Lease: V-3138-1
Date Issued: 11/1/1989
Royalty Rate: 1/6
Held By Production:

**SE/4NE/4, N/2SE/4, SE/4SE/4,
As to the Cisco Formation**

Working Interest Owners

Chase Oil Corporation
P.O. Box 1767
Artesia, NM 88211

McCombs Energy, LTD
5599 San Felipe, Ste 1200
Houston, TX 77056

Robert C Chase
P.O. Box 297
Artesia, NM 88211

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

Richard L Chase
P.O. Box 359
Artesia, NM 88211

MEC Petroleum Corp.
P.O. Box 11265
Midland, TX 79702

Gerene Dianne Chase Ferguson / DISP
P.O. Box 693
Artesia, NM 88211

Marbob Energy Corporation
P.O. Box 217
Artesia, NM 88210

COG Oil & Gas LP
550 W. Wall, Ste 1300
Midland, TX 79701

Pitch Energy Corporation
P.O. Box 304
Artesia, NM 88211

Nadel & Gussman Permian, LLC
601 N. Marienfeld, Ste 508
Midland, TX 79701

NOTE: The S/2, Sec. 12, T17S, R28E is subject to that certain Operating Agreement dated 02/07/2005 between Nadel and Gussman Permian, LLC as Operator and Murchison Oil & Gas, Inc. and Chase Oil Corporation, et al as Non-Operators covering depths from 3,000 feet to 100 feet below total depth drilled in the initial test well.

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico

Section 8: SW/4, W/2SE/4,

Last Instrument: 741/35 Recorded: 5/30/2008

Lease # 1: N/2SW/4, SE/4SW/4, W/2SE/4,

State Oil & Gas Lease: E-6353-1
Date Issued: 7/10/1952
Royalty Rate: 1/8
Held By Production:

N/2SW/4, SE/4SW/4, SW/4SE/4,

As to the Cisco Formation

Working Interest Owner

BP America Production Company
P.O. Box 3092
Houston, TX 77253

NW/4SE/4,

As to the Cisco Formation

EOG Resources Inc.
P.O. Box 2267
Midland, TX 79702

Lease # 2: SW/4SW/4,

State Oil & Gas Lease: NMNM 101697
Date Issued: 11/3/1933
Royalty Rate: 1/8
Held By Production:

SW/4SW/4,

As to the Cisco Formation

Working Interest Owners

Harvey E. Yates Company
Yates Energy Corporation
Explorers Petroleum
Fred G. Yates Inc. ✓
Harvey E. Yates
P.O. Box 1933
Roswell, NM 88202

Nadel & Gussman Capitan, LLC ✓
15 East 5th Street, Ste 3200
Tulsa, OK 74103

Leasehold Takeoff

August 3, 2009

Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico

Section 7: S/2N/2, S/2,

Last Instrument: 771/996 Recorded: 3/27/2009

Lease # 1: SE/4NE/4,

Federal Oil & Gas Lease: NMLC 028480-B
Date Issued: 11/3/1933
Royalty Rate: Sliding Schedule "D"
Held By Production:

Lease # 2: SW/4NE/4, S/2NW/4,

Federal Oil & Gas Lease: NMNM 14847
Date Issued: 11/3/1933
Royalty Rate: Sliding Schedule "D"
Held By Production:

S/2N/2,

As to the Cisco Formation

Working Interest Owner

EOG Resources Inc. ✓
P.O. Box 2267
Midland, TX 79702

Lease # 3: S/2,

Federal Oil & Gas Lease: NMNM 101697
Date Issued: 11/3/1933
Royalty Rate: 1/8
Held By Production:

S/2,

As to the Cisco Formation

Working Interest Owners

Mewbourne Oil Company
3MG Corporation
CWM 2000-B, Ltd. ✓
Mewbourne Energy Partners 02-A, LP
Mewbourne Development Corporation
P.O. Box 7698
Tyler, TX 75711

Aspen Oil, Inc. ✓
P.O. Box 1706
Hobbs, NM 88241

Legal Notice

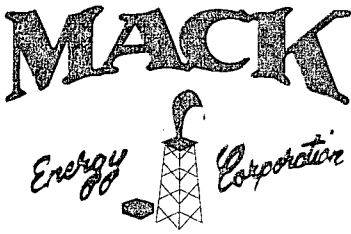
Mack Energy Corporation, Post Office Box 960, Artesia, NM 88211-0960, has filed an Application with the New Mexico Oil Conservation Division seeking authorization to inject produced water into the Romo SWD #1 640 FSL & 2260 FEL of Section 7, T17S R29E, NMPM, Eddy County, New Mexico. The water will be injected into the Cisco formation at a disposal depth of 8,350-8,900'. Water will be injected at a maximum surface pressure of 1670 pounds and a maximum injection rate of 4000 BWPD. Any interested party with questions or comments may contact Jerry W. Sherrell 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.

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, NM August 12, 2009.
Legal No. 20807

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 Romo SWD #1 640 FSL & 2260 FEL of Section 7, T17S, R29E, NMPM, Eddy County, New Mexico. The water will be injected into the Cisco formation at a disposal depth of 8,350-8,900'. Water will be injected at a maximum surface pressure of 1670 pounds and a maximum injection rate of 4000 BWPD. Any interested party with questions or comments may contact Jerry W. Sherrell at Mack Energy Corporation, Post Office Box 960, Artesia,

Published Thursday August 13, 2009
Artesia Daily Press



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3123
RETURN RECEIPT REQUESTED

Mewbourne Oil Company
P.O. Box 7698
Tyler, TX 75711

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this 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 "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3130
RETURN RECEIPT REQUESTED

3MG Corporation
P.O. Box 7698
Tyler, TX 75711

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

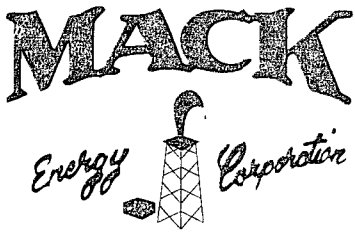
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3147
RETURN RECEIPT REQUESTED

CWM 2000-B, Ltd.
P.O. Box 7698
Tyler, TX 75711

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

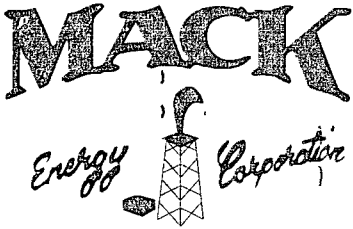
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3154
RETURN RECEIPT REQUESTED

Mewbourne Energy Partners 02-A, LP
P.O. Box 7698
Tyler, TX 75711

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

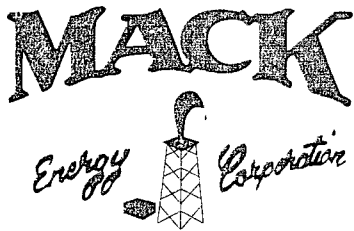
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3161
RETURN RECEIPT REQUESTED

Mewbourne Development Corporation
P.O. Box 7698
Tyler, TX 75711

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

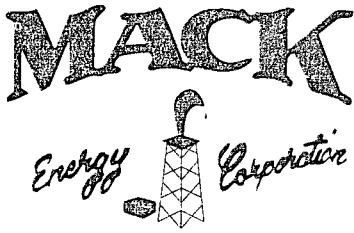
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3178
RETURN RECEIPT REQUESTED

Aspen Oil, Inc.
P.O. Box 1706
Hobbs, NM 88241

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

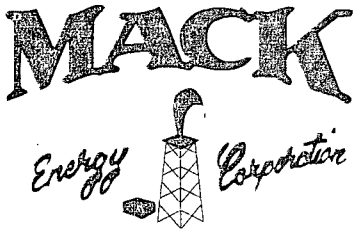
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3185
RETURN RECEIPT REQUESTED

Nadel & Gussman Capitan, LLC
15 East 5th Street, Ste 3200
Tulsa, OK 74103

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this 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.

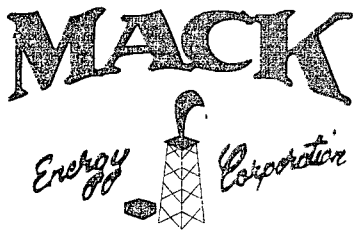
Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3208
RETURN RECEIPT REQUESTED

Harvey E. Yates Company
P.O. Box 1933
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

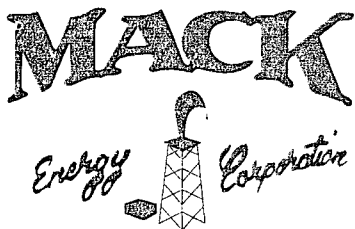
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3192
RETURN RECEIPT REQUESTED

BP America Production Company
P.O. Box 3092
Houston, TX 77253

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this 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.

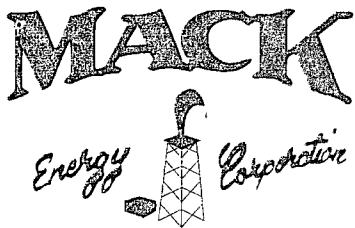
Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3222
RETURN RECEIPT REQUESTED

Explorers Petroleum
P.O. Box 1933
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

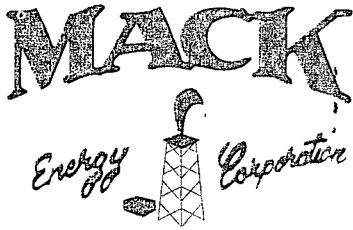
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3215
RETURN RECEIPT REQUESTED

Yates Energy Corporation
P.O. Box 1933
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

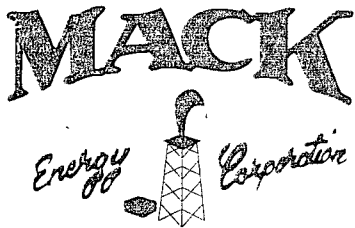
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3246
RETURN RECEIPT REQUESTED

Harvey E. Yates
P.O. Box 1933
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this 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.

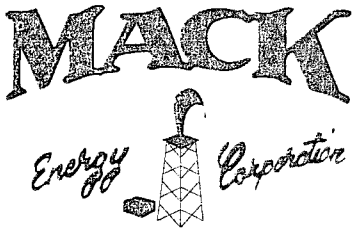
Sincerely,

MACK ENERGY CORPORATION

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3239
RETURN RECEIPT REQUESTED

Fred G. Yates Inc.
P.O. Box 1933
Roswell, NM 88202

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

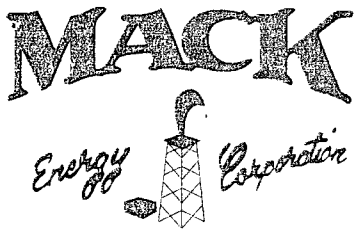
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3260
RETURN RECEIPT REQUESTED

Nadel & Gussman Permian, LLC
601 N. Marienfeld, Ste 508
Midland, TX 79701

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

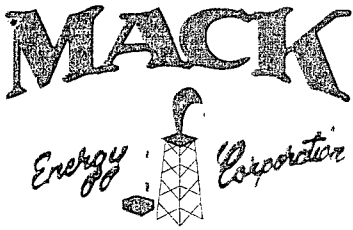
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3253
RETURN RECEIPT REQUESTED

COG Oil & Gas LP
550 W. Wall, Ste 1300
Midland, TX 79701

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

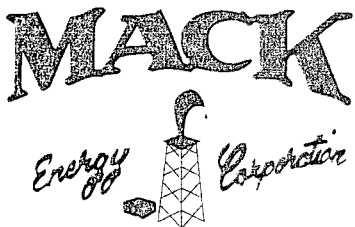
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3284
RETURN RECEIPT REQUESTED

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

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

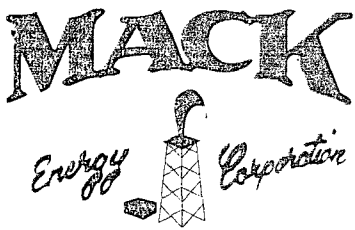
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3277
RETURN RECEIPT REQUESTED

McCombs Energy, LTD
5599 San Felipe, Ste 1200
Houston, TX 77056

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL., Sec. 7, T17S R29E, Eddy County.

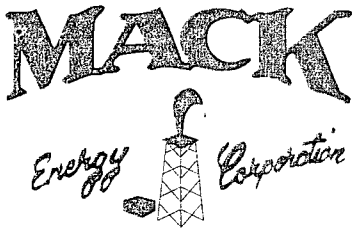
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3291
RETURN RECEIPT REQUESTED

MEC Petroleum Corp.
P.O. Box 11265
Midland, TX 79702

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

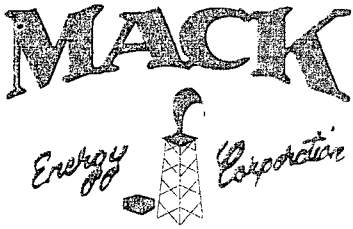
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3321
RETURN RECEIPT REQUESTED

Pitch Energy Corporation
P.O. Box 304
Artesia, NM 88211

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

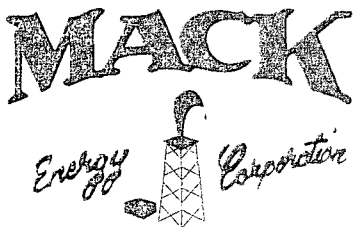
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3307
RETURN RECEIPT REQUESTED

Marbob Energy Corporation
P.O. Box 217
Artesia, NM 88210

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

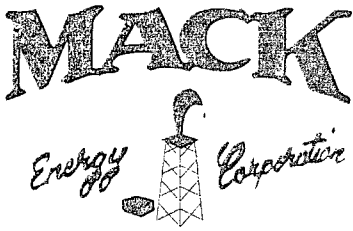
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM. 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWSldw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3314
RETURN RECEIPT REQUESTED

ConocoPhillips Company
P.O. Box 2197
Houston, TX 77252

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

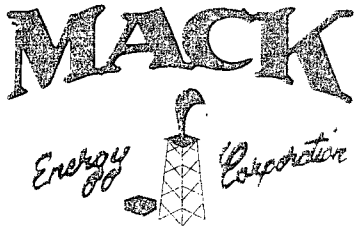
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7009 0820 0002 1408 3345
RETURN RECEIPT REQUESTED

Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220-6292

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

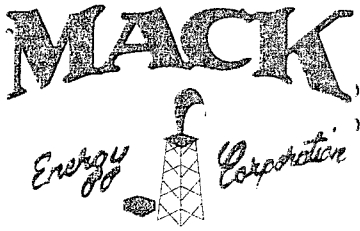
This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to drill this water disposal well. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing at 1220 South St. Francis Drive, Santa Fe, NM 87505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

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell
Production Clerk

JWS\dw



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

August 24, 2009

VIA CERTIFIED MAIL 7004 2510 0004 3033 1713
RETURN RECEIPT REQUESTED

EOG Resources Inc.
PO Box 2267
Midland, TX 79702

Gentlemen:

Enclosed for your review, is a copy of Mack Energy Corporation's application for a Cisco SWD well. Produced water will be injected at a proposed depth of 8,350-8,900'. The Romo SWD #1, located 640 FSL & 2290 FEL, Sec. 7, T17S R29E, Eddy County.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCDD to drill this 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 "Jerry W. Sherrell".

Jerry W. Sherrell
Production Clerk

JWS\dw

Jones, William V., EMNRD

From: Jones, William V., EMNRD
Sent: Friday, August 28, 2009 2:08 PM
To: 'Jerry Sherrell'
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Reeves, Jacqueta, EMNRD; 'Wesley_Ingram@blm.gov'
Subject: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Hello Mr. Jerry:

It appears Mack Energy Corp wants a permit to inject just in case this well is a duster and does not produce oil from the Cisco formation? The reported tops of the Cisco in surrounding wells (if correct) indicate this may be a high place in structure. Also there are surrounding Bear Grass Draw Cisco Oil (1 mile south) Pool, East Red Lake Upper Penn Oil Pool (1 mile east). There is also Wolfcamp and Abo oil production to the west and south – so maybe this will be a paying well instead of a place to get rid of waste water.

1. Please ask Charles, Are you sure these depths will be the Cisco? Or could it be the Wolfcamp? (Your tops appear to be much higher than tops in the well file for a well directly to the east of this proposed location). If this is really Wolfcamp, you would need to redo the C-108 and the formal notices. The Cisco top should be verified after the well is drilled with Jacqui Reeves in the Artesia OCD office.
2. Would you please research the AOR wells for the DV stage tool setting depths and put these on the wellbore diagrams along with the cement tops (calculated if necessary) above and below the DV tool.
3. Prior to this permit being effective, the SWD permit will require you to turn in a mudlog and/or swab test results over this proposed disposal interval.
4. Please let me know which types (the formation names) of waters would be disposed into this well (Section VII #4).
5. In your best estimate, when will you have an approved APD and an API number? Our database is keyed in part on API numbers, but we can put it in later if necessary.

Thank you for having Charles Sadler (as geologist) sign off on the “affirmative statement” and to Rick Lanning for the details on ownership around this well. And thanks for the wellbore diagrams in addition to the spreadsheet information.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Jones, William V., EMNRD

From: Deana Weaver [deanap@mackenergycorp.com]
Sent: Friday, September 04, 2009 9:53 AM
To: Jones, William V., EMNRD
Cc: Jerry Sherrell; Matt Brewer; Charles Sadler
Subject: RE: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Mr. William Jones

The formations that will be disposing into the Romo SWD #1 are the #97627 Ishee Lake and the #97197 County Line Tank; Abo. We are positive the well will be in the Cisco formation, this will be confirmed after drilling.

We are estimating 3 weeks for an approved APD and API number.

I hope this answers all your questions, if not please feel free to contact me.

Thank you

Deana Weaver

Mack Energy Corporation
575-748-1288 Phone
575-746-9539 Fax
deanap@mackenergycorp.com



From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Thursday, September 03, 2009 11:35 AM
To: Deana Weaver; Reeves, Jacqueta, EMNRD
Cc: Jerry Sherrell
Subject: RE: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Deana:

Thanks for this info and the research

Now I need to get a confirmation from Jacqui on the formation tops and must wait for answers from you guys to the other questions.

Take care,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis

Santa Fe, NM 87505
505-476-3448

From: Deana Weaver [mailto:deanap@mackenergycorp.com]
Sent: Monday, August 31, 2009 11:15 AM
To: Jones, William V., EMNRD
Cc: Jerry Sherrell
Subject: RE: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Mr. William Jones

After researching the AOR wells for the DV stage tool depths, I have found one well with a DV tool. Attached is a wellbore diagram of the Empire 7 Federal #2. On the diagram you will see the depth of the DV tool and stages of cement.

Thank you

Deana Weaver

Mack Energy Corporation
575-748-1288 Phone
575-746-9539 Fax
deanap@mackenergycorp.com



From: Jerry Sherrell
Sent: Friday, August 28, 2009 2:20 PM
To: Charles Sadler; Matt Brewer
Cc: Deana Weaver
Subject: FW: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Friday, August 28, 2009 2:08 PM
To: Jerry Sherrell
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Reeves, Jacqueta, EMNRD; Wesley_Ingram@blm.gov
Subject: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Hello Mr. Jerry:

It appears Mack Energy Corp wants a permit to inject just in case this well is a duster and does not produce oil from the Cisco formation? The reported tops of the Cisco in surrounding wells (if correct) indicate this may be a high place in structure. Also there are surrounding Bear Grass Draw Cisco Oil (1 mile south) Pool, East Red Lake Upper Penn Oil Pool (1 mile east). There is also Wolfcamp and Abo oil production to the west and south – so maybe this will be a paying well instead of a place to get rid of waste water.

1. Please ask Charles, Are you sure these depths will be the Cisco? Or could it be the Wolfcamp? (Your tops appear to be much higher than tops in the well file for a well directly to the east of this proposed location). If this is really Wolfcamp, you would need to redo the C-108 and the formal notices. The Cisco top should be verified after the well is drilled with Jacqui Reeves in the Artesia OCD office.
2. Would you please research the AOR wells for the DV stage tool setting depths and put these on the wellbore diagrams along with the cement tops (calculated if necessary) above and below the DV tool.
3. Prior to this permit being effective, the SWD permit will require you to turn in a mudlog and/or swab test results over this proposed disposal interval.
4. Please let me know which types (the formation names) of waters would be disposed into this well (Section VII #4).
5. In your best estimate, when will you have an approved APD and an API number? Our database is keyed in part on API numbers, but we can put it in later if necessary.

Thank you for having Charles Sadler (as geologist) sign off on the "affirmative statement" and to Rick Lanning for the details on ownership around this well. And thanks for the wellbore diagrams in addition to the spreadsheet information.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the MessageLabs Email Security System.

This inbound email has been scanned by the MessageLabs Email Security System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Confidentiality Notice: This e-mail,including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review,use,disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the MessageLabs Email Security System.

This inbound email has been scanned by the MessageLabs Email Security System.

Jones, William V., EMNRD

From: Deana Weaver [deanap@mackenergycorp.com]
Sent: Friday, August 28, 2009 2:50 PM
To: Jones, William V., EMNRD
Cc: Matt Brewer; Charles Sadler; Jerry Sherrell
Subject: RE: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Mr. William Jones

In response to your questions. This well is being drilled as a disposal well, not a oil well. One mile west of this proposed well is the Big George State #3 Sec. 12 T17S R28E 1650 FSL 1650 FEL it is a Cisco disposal. The Romo SWD #1 will be disposing in the same formation and is down dip from the Big George State #3. I will research the information to the AOR DV stage tool depths and cement. If you have any more questions regarding this please feel free to email me.

Thank you

Deana Weaver

Mack Energy Corporation
575-748-1288 Phone
575-746-9539 Fax
deanap@mackenergycorp.com



From: Jerry Sherrell
Sent: Friday, August 28, 2009 2:20 PM
To: Charles Sadler; Matt Brewer
Cc: Deana Weaver
Subject: FW: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

From: Jones, William V., EMNRD [mailto:William.V.Jones@state.nm.us]
Sent: Friday, August 28, 2009 2:08 PM
To: Jerry Sherrell
Cc: Ezeanyim, Richard, EMNRD; Warnell, Terry G, EMNRD; Reeves, Jacqueta, EMNRD; Wesley_Ingram@blm.gov
Subject: SWD application from Mack Energy Corp: proposed Romo SWD #1 30-015-NA Cisco Interval 8350 - 8900

Hello Mr. Jerry:

It appears Mack Energy Corp wants a permit to inject just in case this well is a duster and does not produce oil from the Cisco formation? The reported tops of the Cisco in surrounding wells (if correct) indicate this may be a high place in structure. Also there are surrounding Bear Grass Draw Cisco Oil (1 mile south) Pool, East Red Lake Upper Penn Oil Pool

(1 mile east). There is also Wolfcamp and Abo oil production to the west and south – so maybe this will be a paying well instead of a place to get rid of waste water.

1. Please ask Charles, Are you sure these depths will be the Cisco? Or could it be the Wolfcamp? (Your tops appear to be much higher than tops in the well file for a well directly to the east of this proposed location). If this is really Wolfcamp, you would need to redo the C-108 and the formal notices. The Cisco top should be verified after the well is drilled with Jacqui Reeves in the Artesia OCD office.
2. Would you please research the AOR wells for the DV stage tool setting depths and put these on the wellbore diagrams along with the cement tops (calculated if necessary) above and below the DV tool.
3. Prior to this permit being effective, the SWD permit will require you to turn in a mudlog and/or swab test results over this proposed disposal interval.
4. Please let me know which types (the formation names) of waters would be disposed into this well (Section VII #4).
5. In your best estimate, when will you have an approved APD and an API number? Our database is keyed in part on API numbers, but we can put it in later if necessary.

Thank you for having Charles Sadler (as geologist) sign off on the “affirmative statement” and to Rick Lanning for the details on ownership around this well. And thanks for the wellbore diagrams in addition to the spreadsheet information.

Regards,

William V. Jones PE
New Mexico Oil Conservation Division
1220 South St. Francis
Santa Fe, NM 87505
505-476-3448

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the MessageLabs Email Security System.

This inbound email has been scanned by the MessageLabs Email Security System.

Injection Permit Checklist (8/14/09)

Case _____ R- SWD 1190 WFX _____ PMX _____ IPI _____ Permit Date 9/11/09 UIC Qtr (J.A.S.)

Wells 1 Well Name: RDMO SWD #1

API Num: (30-) None Yet Spud Date: New New/Old: N (UIC primacy March 7, 1982)

Footages 640 FSL/2270 FEL Unit 0 Sec 7 Tsp 175 Rge 29E County Eddy

Operator: Mack Energy Corp Contact: Jerry W. Shovel

OGRID: 13837 RULE 5.9 Compliance (Wells) 0/336 (Finan Assur) _____

Operator Address: P.O. Box 960, ARTESIA, NM, 88211-0960

Current Status of Well: New Well - not drilled or permitted yet

Planned Work to Well:

Planned Tubing Size/Depth: 2 7/8" 8250'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx over	Cement Top and Determination Method
Existing Surface	<u>17 1/2 13 3/8</u>	<u>375</u>	<u>400</u>	<u>CIRC</u>
Existing Intermediate	<u>12 1/4 8 5/8</u>	<u>2600</u>	<u>775</u>	<u>CIRC</u>
Existing Long String	<u>7 1/8 5 1/2</u>	<u>9300</u>	<u>1150</u>	<u>CIRC</u>

DV Tool _____ Liner _____ Open Hole _____ Total Depth 6029

Well File Reviewed none

Diagrams: Before Conversion ☒ After Conversion ☒ Elogs in Imaging File: not drilled

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)			
Above (Name and Top)	<u>8100</u>	<u>CISO TOP</u>	
Injection.....	<u>8350</u>	<u>CISO</u>	<u>NO</u>
Interval TOP:	<u>8900</u>	<u>CISO</u>	<u>NO</u>
Interval BOTTOM:	<u>9450</u>	<u>STRAND TOP</u>	
Below (Name and Top)			

1670 PSI Max. WHIP

Open Hole (Y/N) _____

Deviated Hole? _____

Sensitive Areas: Capitan Reef _____ Cliff House _____ Salt Deposits Yates @ 830'

..... Potash Area (R-111-PT) _____ Potash Lessee _____ Noticed? _____

Fresh Water: Depths: 0-200' Wells Y-22 Analysis? ☒ Affirmative Statement ☒

Disposal Fluid Sources: Moreau Wells in AOR Analysis? _____

Disposal Interval Production Potential/Testing/Analysis Analysis: _____

Notice: Newspaper (Y/N) ☒ Surface Owner BLM Mineral Owner(s) _____

RULE 26.7(A) Affected Parties: EOG/Moreau/3MS/CWM/aspen/etc

Area of Review: Adequate Map (Y/N) _____ and Well List (Y/N) _____

Active Wells 5 Num Repairs _____ Producing in Injection Interval in AOR _____

P&A Wells _____ Num Repairs _____ All Wellbore Diagrams Included? Before inject.

Questions to be Answered:

TEST / Turn in mudlogs / Before inject.
Put DV TOOLS ON DIAGRAMS & CUT TOPS above/side
CHK UNIT P of 12 / T175 / R28E
ROUGH Structure of CISO in THIS area (DPS to EAST?)

Required Work on This Well: _____ Request Sent _____ Reply: _____

AOR Repairs Needed: _____ Request Sent _____ Reply: _____

_____ Request Sent _____ Reply: _____