DATE IN	SUSPENSE	ENGINEER	LOGGED IN	TYPE	APP NO.
3-28-05	4-8-05	Jones	3-22-05	SWD	pDM0508127968

ABOVE THIS LINE FOR DIVISION USE ONLY

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

RECEIVED
MAR 2 1 2005
OIL CONSERVATION DIVISION

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	Jerry W. Sherrell	Production Clerk	3/17/2005
Print or Type Name	Signature	Title	Date

jerrys@mackenergycorp.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
SANTA FE, NEW MEXICO 87505

FORM C- 108
Revised 4-1-98

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**

CONTACTPARTY: **Jerry W. Sherrell** PHONE: **(505)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/I 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: **Mack C. Chase** TITLE: **President**

SIGNATURE: Mack C. Chase DATE: **3/17/2005**

* **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

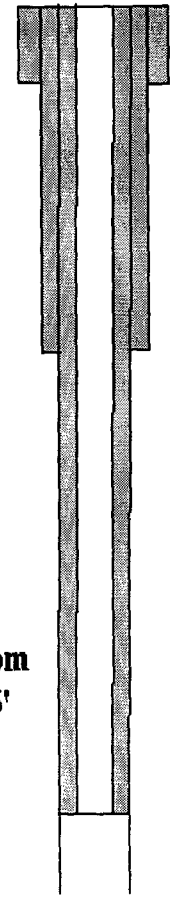
OPERATOR: **Mack Energy Corporation**

WELL NAME & NUMBER: **Fee MA B #7**

WELL LOCATION: **1650 FNL & 660 FEL** | **H** | **31** | **17S** | **33E**

FOOTAGE LOCATION | UNIT LETTER | SECTION | TOWNSHIP | RANGE

WELLBORE SCHEMATIC



20" casing set @ 315'

13 3/8" casing set @ 2852'

Perforated from 6319.5-6467.5'

5 1/2" casing set @ 7406'

TD well @ 8442'

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: **26"** Casing Size: **20"**

Cemented with: **700** sx. or _____ ft

Top of Cement: **Surface** Method Determined: **Circulated**

Intermediate Casing

Hole Size: **17 1/2** Casing Size: **13 3/8**

Cemented with: **1850** sx. or _____ ft

Top of Cement: **Surface** Method Determined: **Circulated**

Production Casing

Hole Size: **12 1/4** Casing Size: **5 1/2**

Cemented with: **5280** sx. or _____ ft

Top of Cement: **Surface** Method Determined: **Circulated**

Total Depth: **8442**

Injection Interval

6319.5 feet to **6467.5 Perforated**

(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: **6219'**

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

Additional Data

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

   If no, for what purpose was the well originally drilled? **Ellenberger**

2. Name of the Injection Formation: **Upper Bone Spring Carbonate**

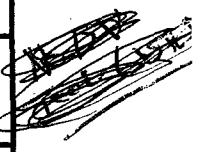
3. Name of Field or Pool (if applicable): **Corbin Bone Spring**

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. **N/A**

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: **Overlying GB-SA Underlying Abo**

AREA OF REVIEW WELL DATA

LEASE	WELL#	LOCATION	TD (PBTD)	TYPE & DATE DRILLED	HOLE SIZE	CASING SIZE & WEIGHT	SETTING DEPTH	SX CMT	TOC	PERFS
		1650' FNL			26"	20", 133#	315'	700	circ	
Fee MA B	LOGS OK	660' FEL	8442'	Oil	17 1/2"	13 3/8", 61#	2852'	1850	circ	
30-025-36747	7	31-17S-33E	7410'	9/15/2004	12 1/4"	5 1/2", 17#	7406'	5280	circ	6319.5-6467.5
		950' FNL			17 1/2	13 3/8, 35.6#	297'	250	circ	
Fee MA B		990' FEL	8870'	Oil	11	8 5/8, 24#	2799'	950	circ	
30-025-01336	3	31-17S-33E	(8826')	1/1/1961	7 7/8	5 1/2, 15.5&17#	8869'	1175	circ	8566-8722'
Corbin Abo		1980' FNL			17 1/2	13 3/8, 48#	296'	225	circ	
SWD		1980' FEL	9020'	Oil	12 1/4	8 5/8, 32#	2879'	650	circ	
30-025-01337	31	31-17S-33E	(6132')	12/27/1959	7 7/8	5 1/2, 17#	4894'	175	3667'	4530-6132'
		800' FNL			17 1/2	13 3/8, 35.6	297'	225	circ	
Fee MA B		2145 FEL	8935'	Oil	11	8 5/8, 24#	2799'	950	circ	
30-025-01338	2	31-17S-33E	(8768')	5/10/1960	7 7/8	5 1/2, 15.5&17	8930	1195	1600'	8435-8692'
		2310' FSL			17 1/2	13 3/8, 48#	319'	400	circ	5087-5200'
Fee MA B	LOGS OK	990' FEL	7454'	Oil	12 1/4	8 5/8, 32#	2760'	1200	circ	CIBP @ 5080'
30-025-36633	6	31-17S-33E	(5045')	4/25/2004	7 7/8	5 1/2, 17#	7459'	1800	circ	4973-5008.5'
		777' FNL			17 1/2					
Carper State		330' FWL	8809'	Oil	11	11 3/4, 28#	315'	275	circ	
30-025-01354	1	32-17S-33E	(0')	6/12/1961	7 7/8	8 5/8, 24&32#	2915'	250	2115'	plugged
		710' FNL			17 1/2	13 3/8, 48#	295'	200	circ	
Federal MA A		2130' FWL	10015'	Oil	11	8 5/8, 24#	2785'	550	700'	
30-025-01339	1	31/17S-33E	(8515')	10/17/1959	7 7/8	5 1/2, 17#	9001'	1195	2500'	8419-8508

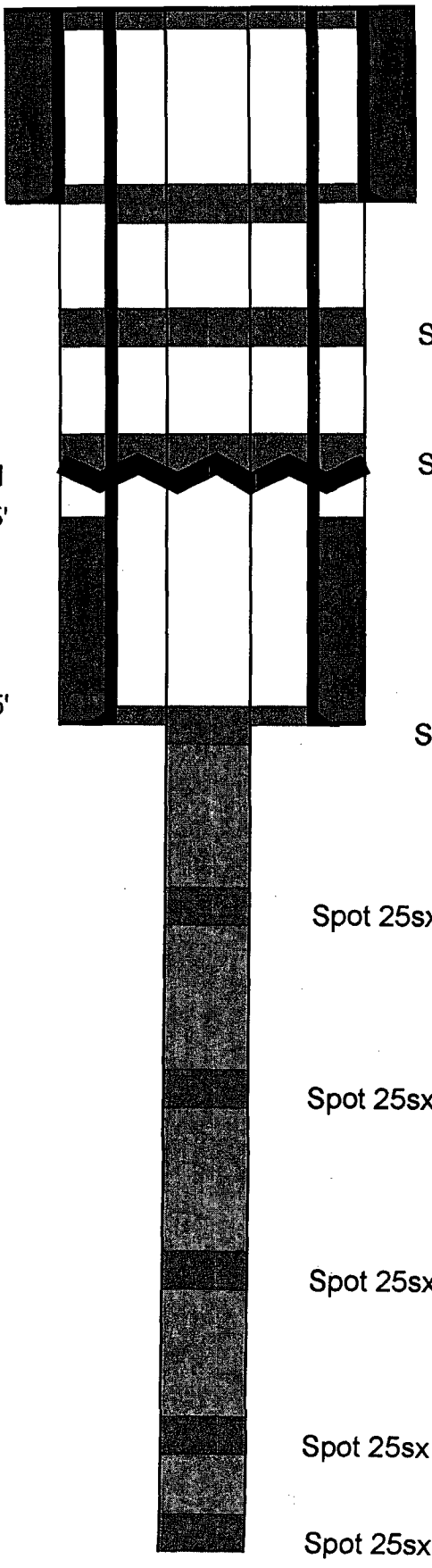


TWO DV TOOL USED

Carper State #1

SH: 777 FNL & 330 FWL BH: 777 FNL & 330 FWL

Sec. 32-T17S-R33E



TOC Circ.

Spot 10sx cmt. to Surface

11 3/4" 28# csg. set @ 315' w/275sx cmt.

Spot 25sx cmt. 330-290'

Spot 25sx cmt. 1200-1160'

Cut 8 5/8" csg. @ 2010' - Pull TOC @ 2115'

Spot 25sx cmt. 2010-1970'

8 5/8" 24# & 32# csg. set @ 2915' w/250sx cmt.

Spot 25sx cmt. 2940-2860'

Spot 25sx cmt. 4200-4120'

Spot 25sx cmt. 5900-5820'

Spot 25sx cmt. 6950-6870'

Spot 25sx cmt. 8640-8560'

Spot 25sx cmt. 8809-8729'

VII. DATA SHEET: PROPOSED OPERATIONS

1. Proposed average and maximum daily rate and volume of fluids to be injected;
   Respectively, 2000 BWPD and 3000 BWPD
2. The system is closed or open;
   Closed
3. Proposed average and maximum injection pressure;
   100-360#
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; **Carbonate**
2. Geological Name; **Bone Spring**
3. Thickness; **#6-1863', #7-148'**
4. Depth; **#6 5087-6950', #7 6319-6467'**

IX. PROPOSED STIMULATION PROGRAM

1. To be treated with 1000 gallons 15% acid

X. LOGS AND TEST DATA

1. Well data has been filed with the OCD

XI. ANALYSIS OF FRESHWATER WELLS

1. N/A

XII. AFFIRMATIVE STATEMENT

RE: Fee MA B #6 & 7

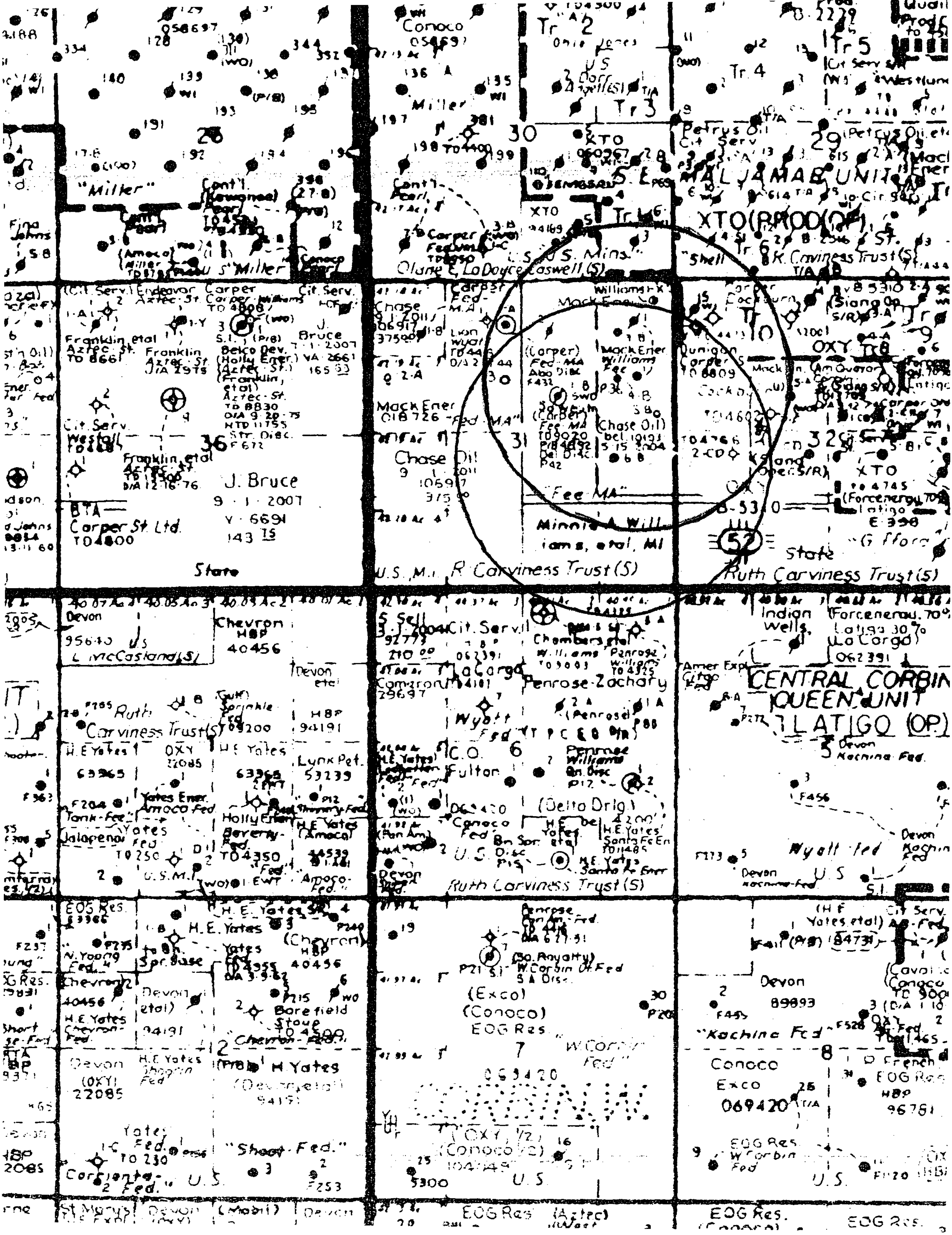
We have examined the available geologic and engineering data and find no evidence of open faults or any other hydraulic connection between the disposal zone and any underground source of drinking water.

Mack Energy Corporation

Date: 3-17-2005

Mack C. Chase

Mack C Chase, President



Conoco
"Miller"
Miller
30
XTO
29
MALJAMAR UNIT
XTO(PROD)(OP)
"Shell"
K. Caviness Trust (S)
Olane E. LaDoyce Caswell (S)
U.S. Mins.
Endeavor
Carper
Cit. Serv.
Chase
Franklin etal
Aztec St.
J. Bruce
36
Cit. Serv.
Westall
Franklin etal
J. Bruce
9 - 1 - 2007
V - 6691
BTA
Carper St Ltd.
TO 4800
State
Mack Ener
Chase Oil
31
Chase Oil
Mack Ener
Quinoco
Carper
32
OXY
XTO
"Fee MA"
Minnie A Williams, etal, MI
52
State
R. Carviness Trust (S)
Ruth Carviness Trust (S)
Devon
Chevron
HBP
40456
L. McCasland (S)
Cit. Serv.
La Carga
Chambers etal
Penrose-Zachary
Indian Wells
Forcenergy 70%
Latigo 30%
CENTRAL CORBIN
QUEEN UNIT
LATIGO (OP)
Ruth Carviness Trust (S)
OXY
H.E. Yates
Lynx Pet.
53239
Wyatt Fed
C.O. Fulton
6
(Delta Drlg.)
Devon
Kachina Fed
Wyatt Fed
U.S.
Ruth Carviness Trust (S)
EOG Res.
H.E. Yates
Chevron
Devon
(Exco)
(Conoco)
EOG Res.
7
W.Corbin Fed
069420
Devon
89893
"Kachina Fed"
Conoco
Exco
069420
8
EOG Res.
HBP
96781
H. Yates
"Shoot Fed."
Yates Fed.
Corriente-2 Fed.
U.S.
(OXY 1/2)
(Conoco 1/2)
U.S.
EOG Res.
W Corbin Fed
U.S.
EOG Res.

Subtitit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-025-36747

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: Fee MA B

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 7

2. Name of Operator: Mack Energy Corporation

9. OGRID Number: 013837

3. Address of Operator: P. O. Box 960 Artesia, NM 88211-0960

10. Pool name or Wildcat: Corbin;Abo

4. Well Location
Unit Letter H 1650 feet from the North line and 660 feet from the East line
Section 31 Township 17S Range 33E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3998' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type_____ Depth Groundwater_____ Distance from nearest fresh water well_____ Distance from nearest surface water_____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☒	
OTHER: ☐		OTHER: ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

07/12/2004 Spud 26" hole.
07/14/2004 TD 26" hole @ 315', RIH w/7 joints 20" 133# set @ 315', Cemented w/700 sx Class C, 2% CC, circ 125 sx, plug down @ 11:03 AM. WOC 18 hours tested casing to 1800# for 30 minutes, held OK.
07/21/2004 TD 17 1/2" hole @ 2852'.
07/22/2004 RIH w/64 joints 13 3/8" 61# set @ 2852', Cemented w/1650 sx Class C, 2% CC, tail in w/200 sx Poz, circ 150 sx, plug down @ 1:45 PM. WOC 12 hours tested casing to 600# for 20 minutes, held OK.
09/17/2004 TD 12 1/4 hole @ 8542', RIH w/167 joints 5 1/2" J-55 17# set @ 7406', Cemented 1st stage w/1280 sx 50-50-2, 3% FL52, 1% FL25, 5% KCL, 5# LCM, 2nd stage w/3500 sx 35-65-6, 3# salt, 1/4# CF, tail in w/500 sx 50-50-2, 1% BA58, 0% FL25, 3% FL52, 6% SMS, 5% salt, circ 275 sx, plug down @ 3:00 PM. WOC 12 hours tested casing to 600# for 20 minutes, held OK.

RECEIVED
Hobbs
OCD

DV@5838'
circ 50sx
(below Stage Tool)

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Jerry W. Sherrell TITLE Production Clerk DATE 9/29/2004

Type or print name Jerry W. Sherrell E-mail address: jerrys@mackenergycorp.com Telephone No. (505)748-1288

For State Use Onl

APPROVED BY: TITLE PETROLEUM ENGINEER DATE OCT 04 2004

Conditions of Approval (if any):

WELL LOGS

API number:	30-025-36747		
OGRID:		Operator:	MACK ENERGY CORP
		Property:	FEE MA B # 7

surface	ULSTR:	H	31	T	17S	R	33E
			1650	FNL	660	FEL	

BH Loc	ULSTR:	H	31	T	17S	R	33E
			1650	FNL	660	FEL	

Ground Level:	3998	DF:	4024	KB:	4025	
Datum:	KB			TD:	8442	

Land: STATE

Completion Date: (1)	10/24/2004	
Date Logs Received:	12/3/2004	***Late***
Date Logs Due in: (2)	11/3/2004	

Confidential:	YES			Date out:	4/15/2004

Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD CN/GR	200	8524	Three Detector Litho-Density
HRLA	2846	8534	High Resolution Laterolog

OCD TOPS

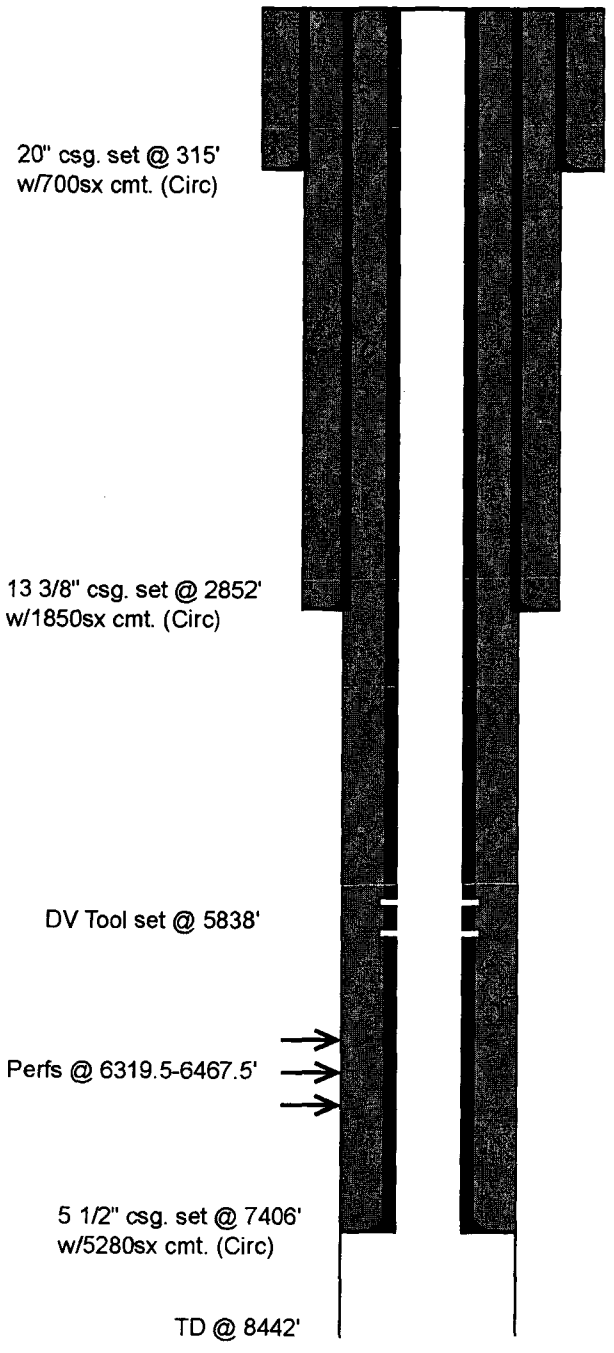
Rustler	1311	Strawn			
Tansill		Atoka			
Yates	2636	Morrow			
7 rvrs	3040				
	3420	Austin			
	3497	Chester			
Queen	3674	Miss Lime			
Penrose					
Grayburg	4042				
San Andres	4417				
Glorieta					
Paddock					
Blinebry					
Tubb					
Drinkard					
Abo					
Wolfcamp					

Fee MA B #7

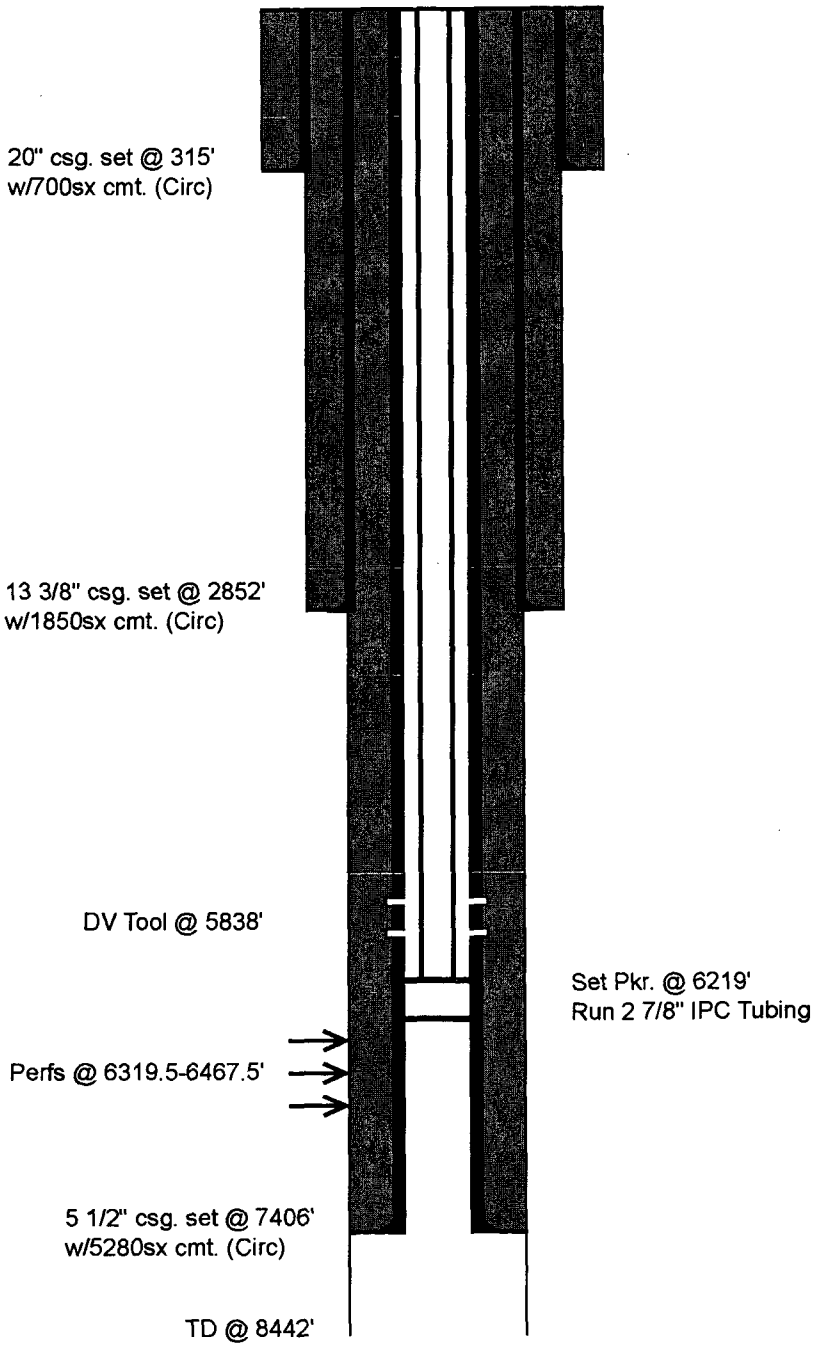
SH: 1650' FNL & 660' FEL BH: 1650' FNL & 660' FEL

Sec. 31-T17S-R33E

Before Conversion



After Conversion



MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

Oil Conservation Division
Attn: William Jones
1220 South St. Francis Dr.
Santa Fe, NM 87505

Dear Mr. Jones:

Mack Energy Corporation respectfully requests an administrative approval without notice and hearing for the Fee MA B #6 &#7 application to convert into SWD wells.

Attached to this letter are the following exhibits:

1. In response to your email all additional information is attached.
2. Regarding the oversight in the top perforation for the Fee MA B #6.
    a) Amended page 2 & 3 for C-108.
    b) Amended additional data sheet.
    c) Amended notice to offset operators.
    d) Amended legal notice sent to the Hobbs News Sun.

Thank you for your assistance in this matter. If you have any questions, please feel free to call.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS/

Enclosures

Jones, William V

From: Jones, William V
Sent: Tuesday, March 22, 2005 3:00 PM
To: 'Jerrys@mackenergycorp.com'; Kautz, Paul
Cc: Sanchez, Daniel
Subject: RE: Fee MA B #6 and #7

Oops,
Forwarding to Paul Kautz for his review instead of Bryan.

-----Original Message-----
From: Jones, William V
Sent: Tuesday, March 22, 2005 2:55 PM
To: 'Jerrys@mackenergycorp.com'
Cc: Arrant, Bryan; Gum, Tim; Sanchez, Daniel
Subject: Fee MA B #6 and #7

Hello Jerry:
I received your applications to inject today into these two wells and have reviewed them both.

Please send:
1) proof of notice to Southwestern Energy Production Company since they operate a well within 1/2 mile of both of your proposed injectors.
2) Clearly marked "before conversion" and "after conversion" wellbore diagrams
3) Have your geologist send a list of the depths of all formation tops within at least one of these wells especially the top and bottom of the Delaware and the Bone Spring.
4) Let me know if either of these wells had a DV tool installed in the casing, the depth of the tool, and if cement circulated below and above the tool.
5) Send all formation name(s) of produced waters to be injected into these wells.
6) Send water analysis on all waters from formations that are not identical to the injection interval(s).

I will also wait on Bryan Arrant's comments.

Thanks,

William V. Jones Engineering Bureau **Oil Conservation Division** Santa Fe

Fee MA B #6 & #7 Attachments

I received your applications to inject today into these two wells and have reviewed them both.

Please send:

1) proof of notice to Southwestern Energy Production Company since they operate a well within 1/2 mile of both of your proposed injectors.

2) Clearly marked "before conversion" and "after conversion" wellbore diagrams

3) Have your geologist send a list of the depths of all formation tops within at least one of these wells especially the top and bottom of the Delaware and the Bone Spring.

4) Let me know if either of these wells had a DV tool installed in the casing, the depth of the tool, and if cement circulated below and above the tool.

5) Send all formation name(s) of produced waters to be injected into these wells.

6) Send water analysis on all waters from formations that are not identical to the injection interval(s).

Response

1. Proof of notice attached.

2. Diagrams attached.

3. Fee MA-B #7: Top San Andres: 4417' Base San Andres: 5930' Top Upper Bone Springs Carbonate: 5930' Base Upper Bone Springs Carbonate: 7580' Top 1st Bone Spring Sand: 7580' No Delaware
   Fee MA-B #6: Top San Andres: 4764' Base San Andres: 4940'
   Top Delaware: 4940' Base Delaware: 5210' Top Upper Bone Springs Carbonate: 6060' Base Upper Bone Springs Carbonate: 7280' Top 1st Bone Springs Sand: 7280

4. Fee MA B #6 No DV Tool
   Fee MA B #7 DV Tool @ 5838' Cement 1280 sx, circulated 50 sx. Drop plug cement w/4000 sx, circulated 275 sx.

5. Maljamar GB SA, Corbin Abo, Corbin Delaware, Corbin Bone Spring

6. Analysis attached.

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 salt water in the Fee MA B #6 located 2310 feet from the South line and 990 feet from the East line of Section 31, Township 17 South, Range 33 East and the Fee MA B #7 located 1650 feet from the North line and 660 feet from the East line of Section 31 Township 17 South, Range 33 East, NMPM, Lea County, New Mexico. The source of the disposed water will be from wells in the area, which produce from the Grayburg, San Andres and Delaware formation. The water will be injected into the Delaware and Bone Spring formation at a disposal depth of 4973 feet to 6467 feet. A maximum surface injection pressure of 100 pounds, and a maximum injection rate of 3000 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 (505) 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 Hobbs News-Sun, Hobbs, New Mexico.

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 17, 2005

VIA CERTIFIED MAIL 7004 1160 0006 1810 8771
RETURN RECEIPT REQUESTED

Herschel Caviness
3718 New Mexico 114
Causey, NM 88113

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert these wells into water disposal wells. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

AMENDED

ConocoPhillips
P.O. Box 2197
Houston, TX 77252
Attn: Linda Hicks

Re: Certified #7004 1160 0006 1810 8764

Gentlemen:

This letter is in reference to Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells. The original application stated that the perforation interval for the Fee MA B #6 was 5087-6950'. This is an amendment to that proposal; the correct interval is 4973-6950'.

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Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

AMENDED

Devon Louisiana Corporation
20 North Broadway #1500
Oklahoma City, Oklahoma 73102

Re: Certified #7004 1160 0006 1810 8740

Gentlemen:

This letter is in reference to Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells. The original application stated that the perforation interval for the Fee MA B #6 was 5087-6950'. This is an amendment to that proposal; the correct interval is 4973-6950'.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert these wells into water disposal wells. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 17, 2005

VIA CERTIFIED MAIL 7004 1160 0006 1810 8726
RETURN RECEIPT REQUESTED

Marbob Energy Corporation
P.O. Box 227
Artesia, NM 88211-0227

Gentlemen:

Enclosed for your review is a copy of Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert these wells into water disposal wells. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

AMENDED

Oxy USA Inc.
P.O. Box 50250
Midland, TX 79710
Attn: David Evans

Re: Certified #7004 1160 0006 1810 8733

Gentlemen:

This letter is in reference to Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells. The original application stated that the perforation interval for the Fee MA B #6 was 5087-6950'. This is an amendment to that proposal; the correct interval is 4973-6950'.

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Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

AMENDED

Southwestern Energy Production Company
2350 Sam Houston Pkwy East Ste E
Houston, TX 77032

Re: Certified #7004 1160 0006 1810 8795

Gentlemen:

This letter is in reference to Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells. The original application stated that the perforation interval for the Fee MA B #6 was 5087-6950'. This is an amendment to that proposal; the correct interval is 4973-6950'.

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Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

MACK Energy Corporation

P.O. Box 960
Artesia, NM 88211-0960
Office (505) 748-1288
Fax (505) 746-9539

March 24, 2005

AMENDED

XTO Energy Inc.
810 Houston St. Ste 2000
Fort Worth, TX 76102-6223
Attn: Dan Foland

Re: Certified #7004 1160 0006 1810 8757

Gentlemen:

This letter is in reference to Mack Energy Corporation's application for approval to convert the Fee MA B #6 & #7, Sec. 31 T17S R33E wells into produced water disposal wells. The original application stated that the perforation interval for the Fee MA B #6 was 5087-6950'. This is an amendment to that proposal; the correct interval is 4973-6950'.

This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD to convert these wells into water disposal wells. If you have any objections, you must notify the Oil Conservation Division in Santa Fe in writing within fifteen (15) days of receiving this letter.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell

Jerry W. Sherrell
Production Clerk

JWS

Enclosures

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	MACK ENERGY INCORPORATED	Sales RDT:	33512
Region:	PERMIAN BASIN	Account Manager:	WAYNE PETERSON (505) 910-9389
Area:	ARTESIA, NM	Sample #:	218746
Lease/Platform:	FEE MA-B LEASE	Analysis ID #:	44836
Entity (or well #):	6	Analysis Cost:	$40.00
Formation:	UNKNOWN Maljamar GB SA		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	7/28/04
Analysis Date:	8/9/04
Analyst:	JAMES AHRLETT
TDS (mg/l or g/m3):	138944.6
Density (g/cm3, tonne/m3):	1.099
Anion/Cation Ratio:	1
Carbon Dioxide:	15 PPM
Oxygen:	0 PPM
Comments:	
RESISTIVITY: 10.60OHM-CM@77°F	

Analysis of Sample 218746 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**81739.0**	**2305.56**	**Sodium:**	**47138.0**	**2050.39**
Bicarbonate:	**290.4**	**4.76**	**Magnesium:**	**1268.0**	**104.31**
Carbonate:	**0.0**	**0.**	**Calcium:**	**4248.0**	**211.98**
Sulfate:	**3561.0**	**74.14**	**Strontium:**	**77.0**	**1.76**
Phosphate:			**Barium:**	**0.2**	**0.**
Borate:			**Iron:**	**9.0**	**0.33**
Silicate:			Potassium:	614.0	15.7
			Aluminum:		
Hydrogen Sulfide:		13 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**7**	Manganese:		
			Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.75	21.13	0.14	470.92	0.14	361.31	0.14	13.78	0.66	0.00	0.22
100	0	0.80	24.50	0.08	288.13	0.15	375.70	0.12	11.94	0.47	0.00	0.29
120	0	0.86	27.86	0.04	128.60	0.18	446.74	0.11	11.02	0.30	0.00	0.39
140	0	0.90	31.54	0.00	0.00	0.23	558.19	0.11	11.02	0.16	0.00	0.5

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

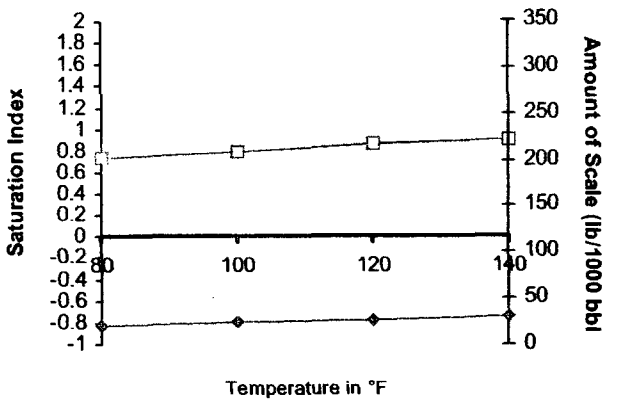
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

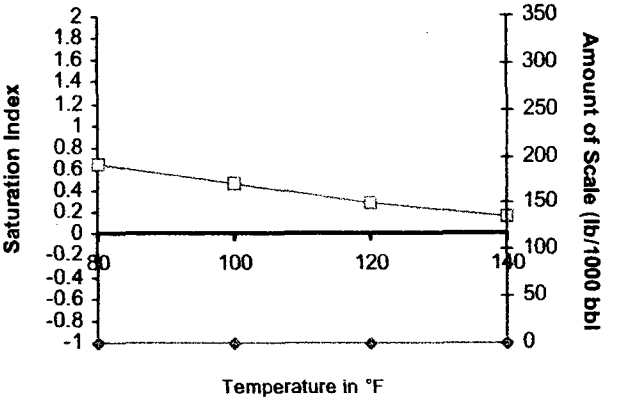
Scale Predictions from Baker Petrolite

Analysis of Sample 218746 @ 75 °F for MACK ENERGY INCORPORATED, 8/9/04

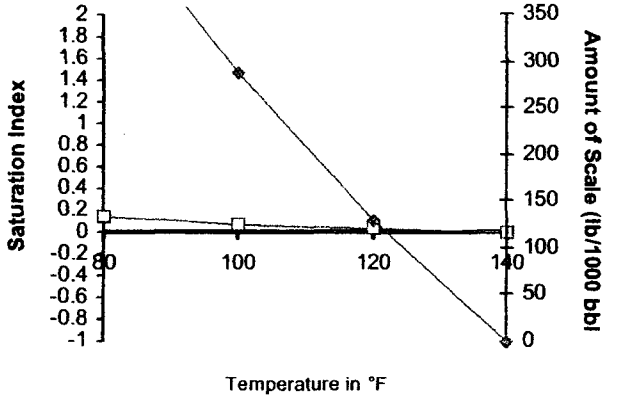
Calcite - CaCO3



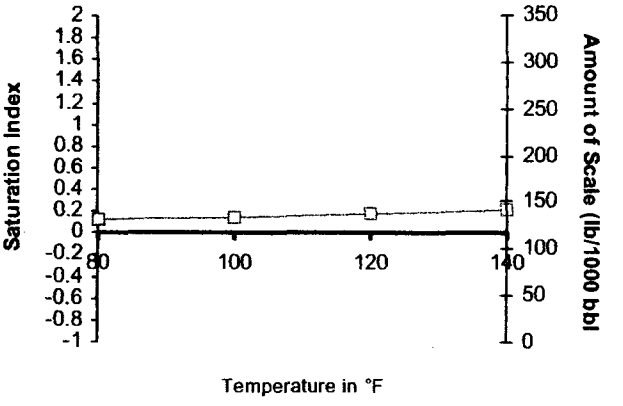
Barite - BaSO4



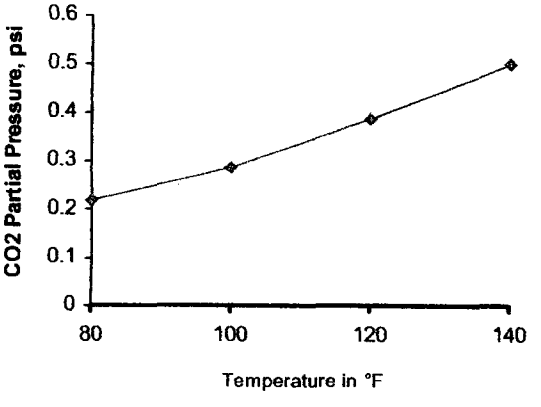
Gypsum - CaSO4*2H20



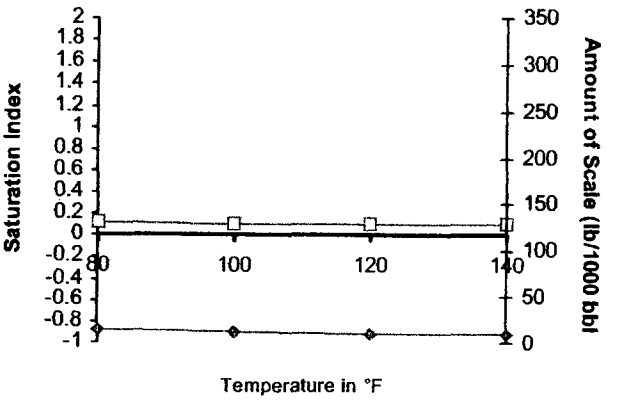
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	MACK ENERGY INCORPORATED	Sales RDT:	33512
Region:	PERMIAN BASIN	Account Manager:	WAYNE PETERSON (505) 910-9389
Area:	ARTESIA, NM	Sample #:	218754
Lease/Platform:	COCKBURN STATION	Analysis ID #:	44298
Entity (or well #):	5	Analysis Cost:	$40.00
Formation:	UNKNOWN Corbin Abo		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	7/9/04
Analysis Date:	7/14/04
Analyst:	JAMES AHRLETT
TDS (mg/l or g/m3):	95469.3
Density (g/cm3, tonne/m3):	1.068
Anion/Cation Ratio:	1
Carbon Dioxide:	165 PPM
Oxygen:	0 PPM
Comments:	
RESISTIVITY: 12.00OHM.CM@77°F	

Analysis of Sample 218754 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**55403.0**	**1562.72**	**Sodium:**	**32467.2**	**1412.24**
Bicarbonate:	**228.0**	**3.74**	**Magnesium:**	**648.0**	**53.31**
Carbonate:	**0.0**	**0.**	**Calcium:**	**2881.0**	**143.76**
Sulfate:	**3038.0**	**63.25**	**Strontium:**	**65.0**	**1.48**
Phosphate:			**Barium:**	**0.1**	**0.**
Borate:			**Iron:**	**1.0**	**0.04**
Silicate:			Potassium:	738.0	18.87
			Aluminum:		
Hydrogen Sulfide:		15 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		**7**	Manganese:		
			Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	0.46	10.85	0.00	0.00	-0.03	0.00	0.12	10.85	0.43	0.00	0.18
100	0	0.54	13.41	-0.05	0.00	-0.01	0.00	0.11	9.58	0.24	0.00	0.24
120	0	0.61	16.60	-0.08	0.00	0.04	83.94	0.10	9.26	0.08	0.00	0.32
140	0	0.69	19.79	-0.11	0.00	0.10	225.98	0.11	9.89	-0.05	0.00	0.41

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

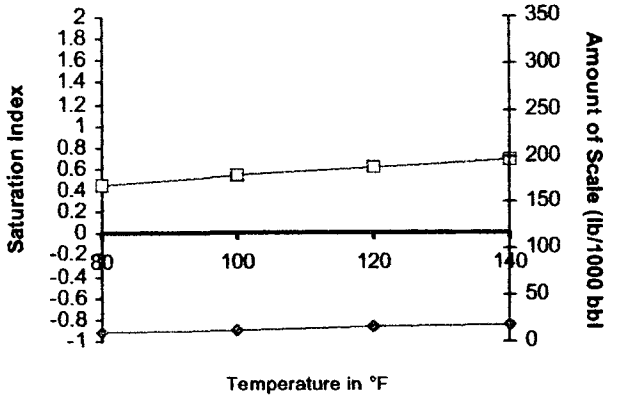
Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

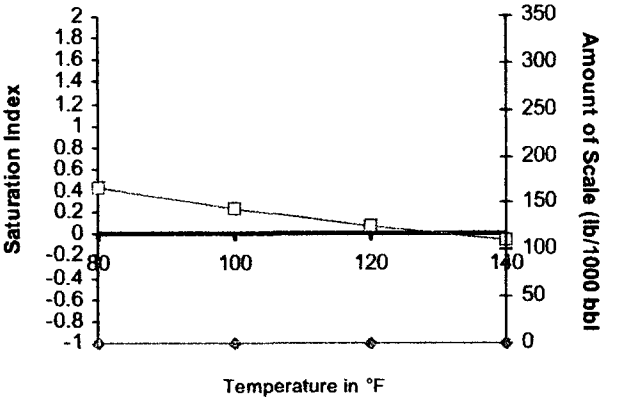
Scale Predictions from Baker Petrolite

Analysis of Sample 218754 @ 75 °F for MACK ENERGY INCORPORATED, 7/14/04

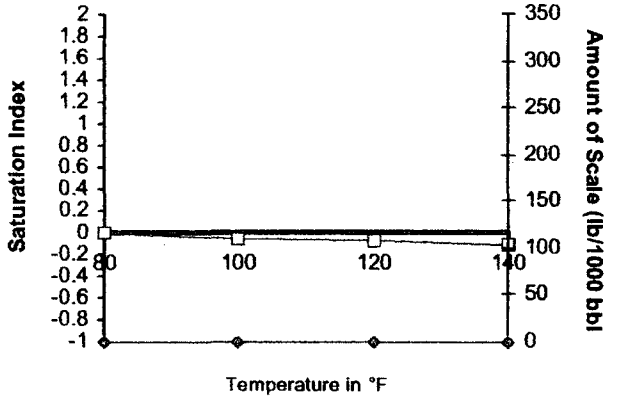
Calcite - CaCO3



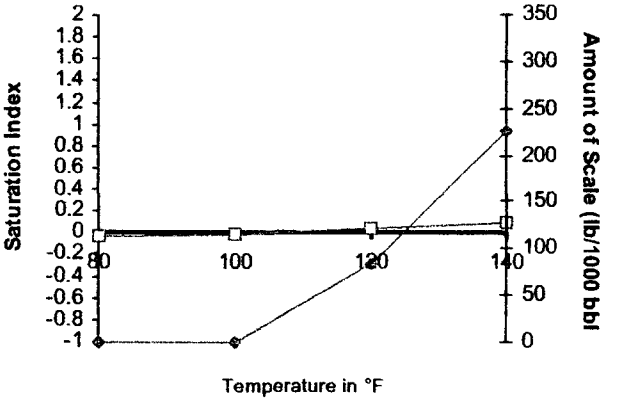
Barite - BaSO4



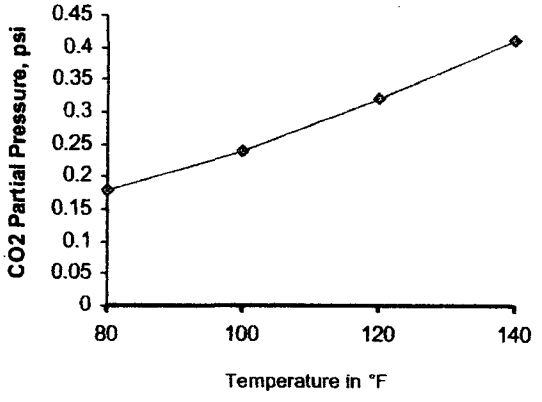
Gypsum - CaSO4*2H20



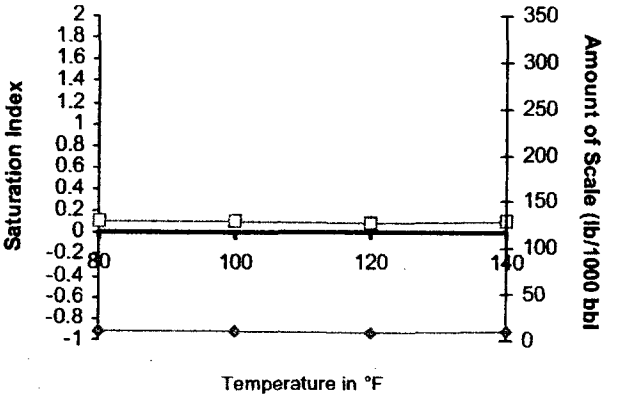
Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4



BAKER HUGHES
Baker Petrolite

Section 29-T17S-R33E NW/4 NW/4 SW/4

North Permian Basin Region
P.O. Box 740
Sundown, TX 79372-0740
(806) 229-8121
Lab Team Leader - Sheila Hernandez
(432) 495-7240

Water Analysis Report by Baker Petrolite

Company:	MACK ENERGY INCORPORATED	Sales RDT:	33512
Region:	PERMIAN BASIN	Account Manager:	WAYNE PETERSON (505) 910-9389
Area:	ARTESIA, NM	Sample #:	37115
Lease/Platform:	FRESH WATER	Analysis ID #:	49993
Entity (or well #):	RA-09192	Analysis Cost:	$7.00
Formation:	UNKNOWN		
Sample Point:	WELLHEAD		

Summary	
Sampling Date:	3/18/05
Analysis Date:	3/24/05
Analyst:	WAYNE PETERSON
TDS (mg/l or g/m3):	6524.4
Density (g/cm3, tonne/m3):	0.995
Anion/Cation Ratio:	0.9999999
Carbon Dioxide:	0 PPM
Oxygen:	
Comments:	

Analysis of Sample 37115 @ 75 °F

Anions	mg/l	meq/l	Cations	mg/l	meq/l
Chloride:	**3919.2**	**110.55**	**Sodium:**	**2053.3**	**89.31**
Bicarbonate:	**124.4**	**2.04**	**Magnesium:**	**61.0**	**5.02**
Carbonate:			**Calcium:**	**364.0**	**18.16**
Sulfate:	**0.0**	**0.**	**Strontium:**		
Phosphate:			**Barium:**		
Borate:			**Iron:**	**2.5**	**0.09**
Silicate:			Potassium:		
			Aluminum:		
Hydrogen Sulfide:		0 PPM	Chromium:		
pH at time of sampling:		7	Copper:		
pH at time of analysis:			Lead:		
pH used in Calculation:		7	Manganese:		
			Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite $CaCO_3$		Gypsum $CaSO_4*2H_2O$		Anhydrite $CaSO_4$		Celestite $SrSO_4$		Barite $BaSO_4$		CO_2 Press
°F	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	psi
80	0	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
100	0	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19
120	0	0.06	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24
140	0	0.20	3.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.3

Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

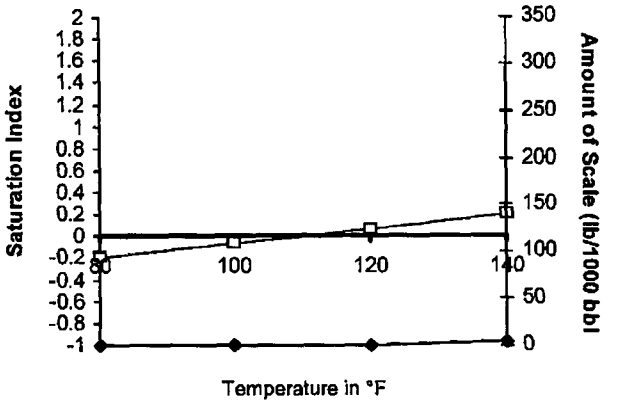
Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

BAKER HUGHES
Baker Petrolite

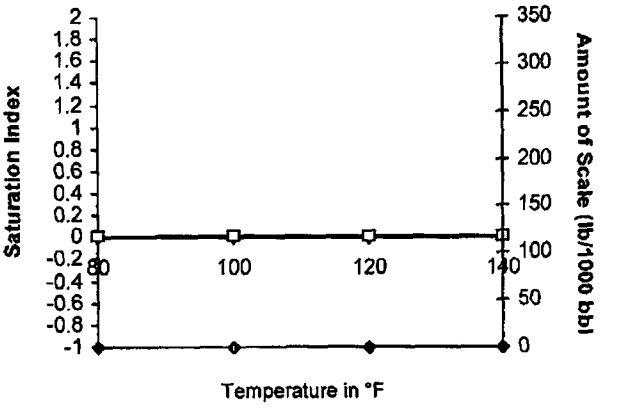
Scale Predictions from Baker Petrolite

Analysis of Sample 37115 @ 75 °F for MACK ENERGY INCORPORATED, 3/24/05

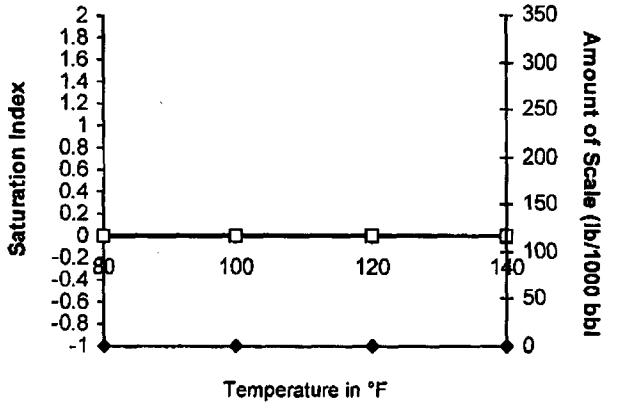
Calcite - CaCO3



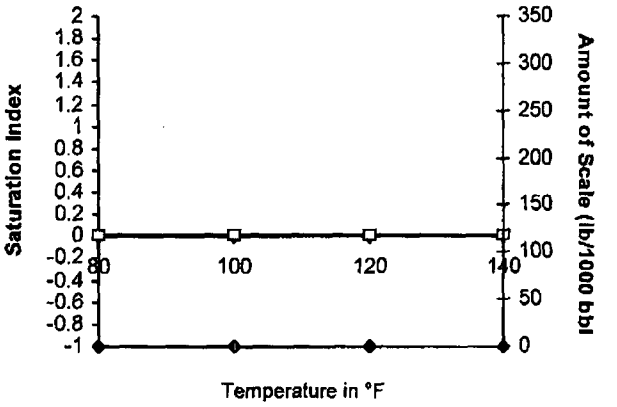
Barite - BaSO4



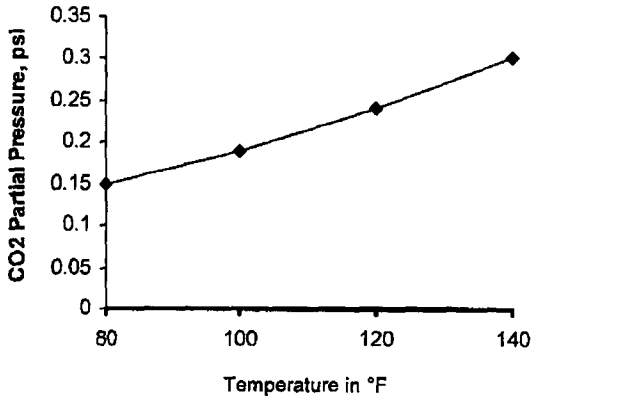
Gypsum - CaSO4*2H20



Anhydrite - CaSO4



Carbon Dioxide Partial Pressure



Celestite - SrSO4