

DATE <u>01/30/14</u>	SUSPENSE	ENGINEER <u>PRG</u>	LOGGED IN <u>02/03/14</u>	TYPE <u>SWD</u>	APP NO. <u>PPRG1403841383</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



RECEIVED 000  
 JUN 30 2 3 15

**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 \_\_\_\_\_

*Kevin O. Butler & Assoc.  
 EB Anderson #2  
 30-025-22454*

[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

Billy E Prichard  
 Print or Type Name

*Billy E. Prichard*  
 Signature

Agent  
 Title

*1/24/14*  
 Date

billy@pwllc.net  
 e-mail Address

**APPLICATION FOR AUTHORIZATION TO INJECT**

- I. PURPOSE: \_\_\_\_\_ Secondary Recovery \_\_\_\_\_ Pressure Maintenance  Disposal  
\_\_\_\_\_ Storage  
Application qualifies for administrative approval?  Yes \_\_\_\_\_ No
- II. OPERATOR: Kevin O. Butler and Associates, Inc Ogrid # 12627  
ADDRESS: 550 W. Texas, Suite 600, Midland, TX 79702  
CONTACT PARTY: Billy E. Prichard email; billy@pwillc.net PHONE: 432-934-7680
- III. WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injection.  
Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project?  Yes \_\_\_\_\_ No  
If yes, give the Division order number authorizing the project: SWD-328
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
  2. Whether the system is open or closed;
  3. Proposed average and maximum injection pressure;
  4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,
  5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- \*VIII. Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- \*X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division, they need not be resubmitted).
- \*XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground sources of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification: I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.
- NAME: Billy E. Prichard TITLE: Agent  
SIGNATURE:  DATE: 01/24/2014  
E-MAIL ADDRESS: billy@pwillc.net
- \* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: \_\_\_\_\_

**Kevin O Butler and Associates, Inc  
EB Anderson # 2  
30-025-22454  
990 FSL X 990 FWL  
Unit Letter "M", Section 6, T13S, R38E  
Lea County, New Mexico**

***C108 (Application for Authorization to Inject)***

**I.**

**The purpose of this application is to convert the EB Anderson # 2 from a shut in Wolfcamp/Devonian salt water disposal to an active Wolfcamp/Devonian salt water disposal well. The application qualifies for administrative approval.**

**II.**

**Operator: Kevin O. Butler and Associates, Inc Ogrid # 12627  
Address: 550 W. Texas, Suite 600 Midland, TX 79702  
Contact Party: Billy E. Prichard Phone: 432-934-7680**

**III.**

**Please see Exhibit "A" for well data**

**IV.**

**This is an expansion of an existing project.**

**SWD - 328**

**V.**

**Please see Exhibit "B" for map of Area of Review**

**VI.**

**Please see Exhibit "C" for off set well data**

**VII.**

- 1. Anticipated disposal rate is 5000 BWPD with a maximum disposal rate of 7500 BWPD.**
- 2. The system will be open.**
- 3. Anticipated disposal press is 0(Zero)psi with a maximum disposal pressure of 1912 psi.**
- 4. Disposed fluid will piped in from producing wells in the immediate area.**
- 5. Wolfcamp/ Devonian produced water will be re-injected in the Wolfcamp/Devonian.**

**VIII.**

**The proposed disposal interval is the Wolfcamp /Devonian formation.**

**Wolfcamp**

**Lime with a top at 9236' approximately 542' thick**

**Devonian**

**Dolomite with a top at 12227' approximately 58' thick**

Kevin O Butler and Associates, Inc  
EB Anderson # 2  
30-025-22454  
990 FSL X 990 FWL  
Unit Letter "M", Section 6, T13S, R38E  
Lea County, New Mexico

*C108 (Application for Authorization to Inject)*

Numerous fresh water wells were identified within the 1 mile Area of review.  
Fresh water is in the alluvial fill from the surface to the top of the Red Bed.  
Surface casing on numerous oil wells in area set at 375 feet.

IX.

There is no stimulation planned at this time.

X.

Logs and completion data filed by previous operators.

XI.

Please see Exhibit "D" for fresh water analysis.

XII.

Available geological and engineering data have been examined and no  
evidence of open faults or hydrological connection between the disposal zone  
and any underground sources of drinking water has been found.

XIII.

Please see Exhibit "E" for Proof of Notice

Billy E. Prichard   
Agent for Kevin O. Butler and Associates, Inc

Date 1/24/14

Kevin O. Butler and Associates, Inc  
EB Anderson # 2  
API # 30-025-22454  
990 FSL x 990 FWL  
Unit Letter "M", Section 6, T13S, R38E  
Lea County, New Mexico

Well Data

Spud 4/28/1968 as Devonian Development well.

12 3/4" 33.38# casing set at 372' in 17 1/2" hole, cemented with 400 sacks of cement.

Cement circulated to surface.

8 5/8" 24#&32# casing set at 4505' in 11" hole, cemented with 400 sacks of cement. Top of cement calculated 2660'

5 1/2" casing set at 12221' in 7 7/8" hole, cement with 950 sacks of cement. Top of cement calculated at 6800'

Perforations 9563'-9668'  
Open hole 12221'-12280'.

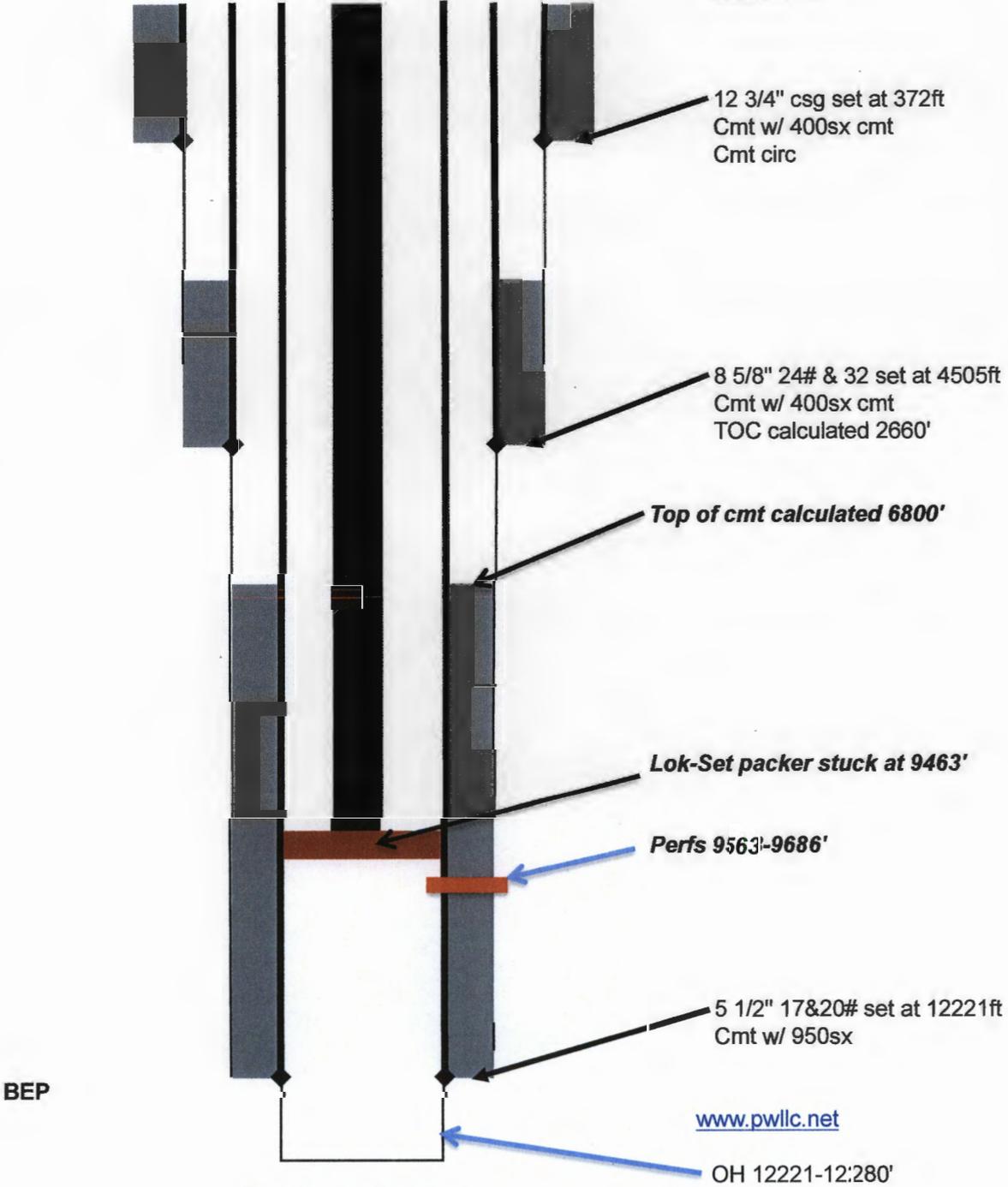
Converted to SWD in 1987 per SWD-328

Anhy - 2240'  
Top of Salt - 2323'  
Base of Salt - 3028'  
Yates - 3110'  
Queen - 3891'  
San Andres - 4522'  
Tubb - 7370'  
Abo - 7944'  
Wolfcamp - 9159'  
Mississippi - 11442'  
Devonian - 12227'

Exhibit "A"

Kevin O Butler and Associates, Inc  
EB Anderson # 2  
API # 30-025-22454  
Unit Letter M, Section 6, T13S, R38E  
Lea County, New Mexico  
Current WBD

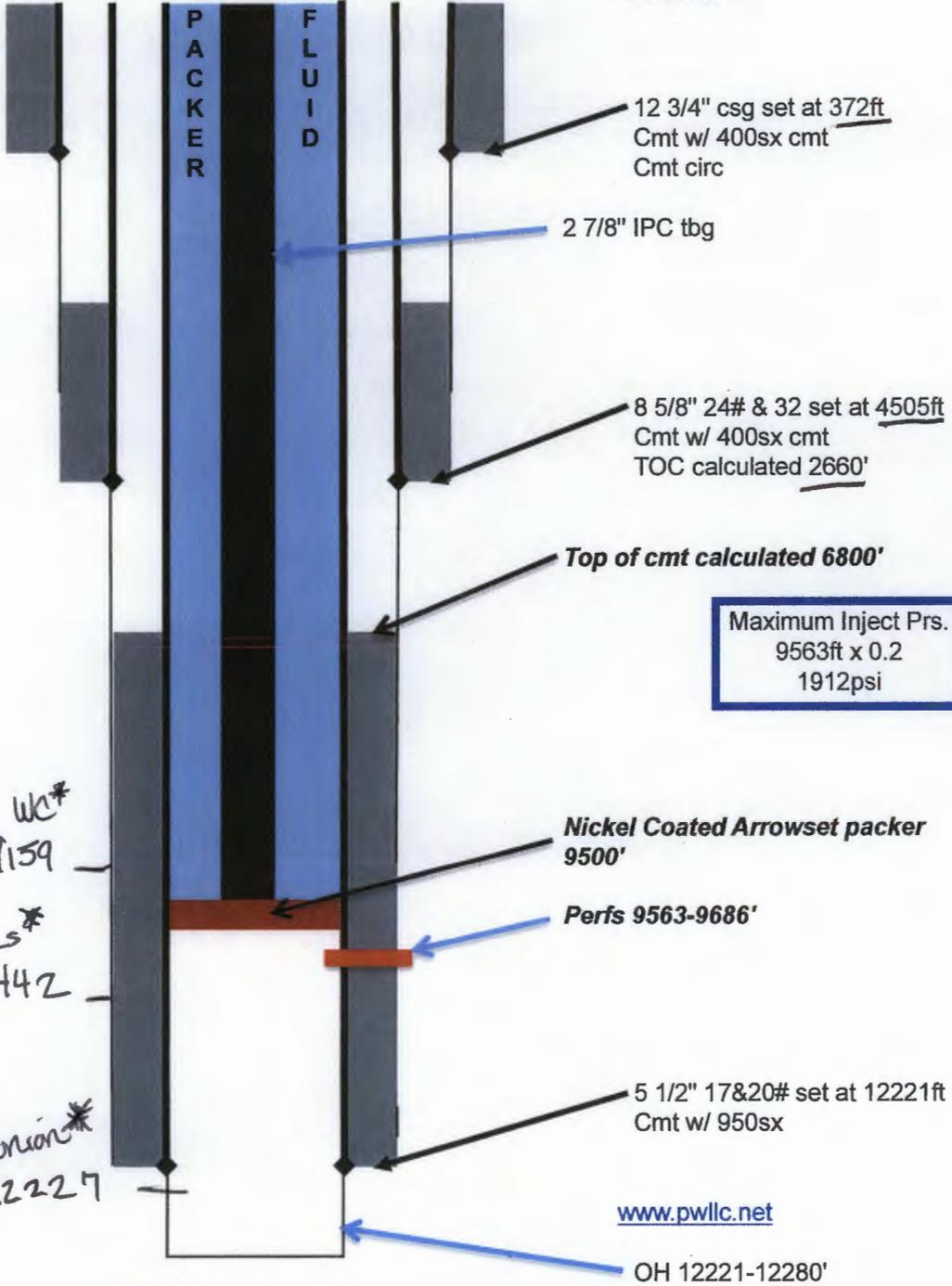
**Exhibit "A"**



**Drawing not to scale**

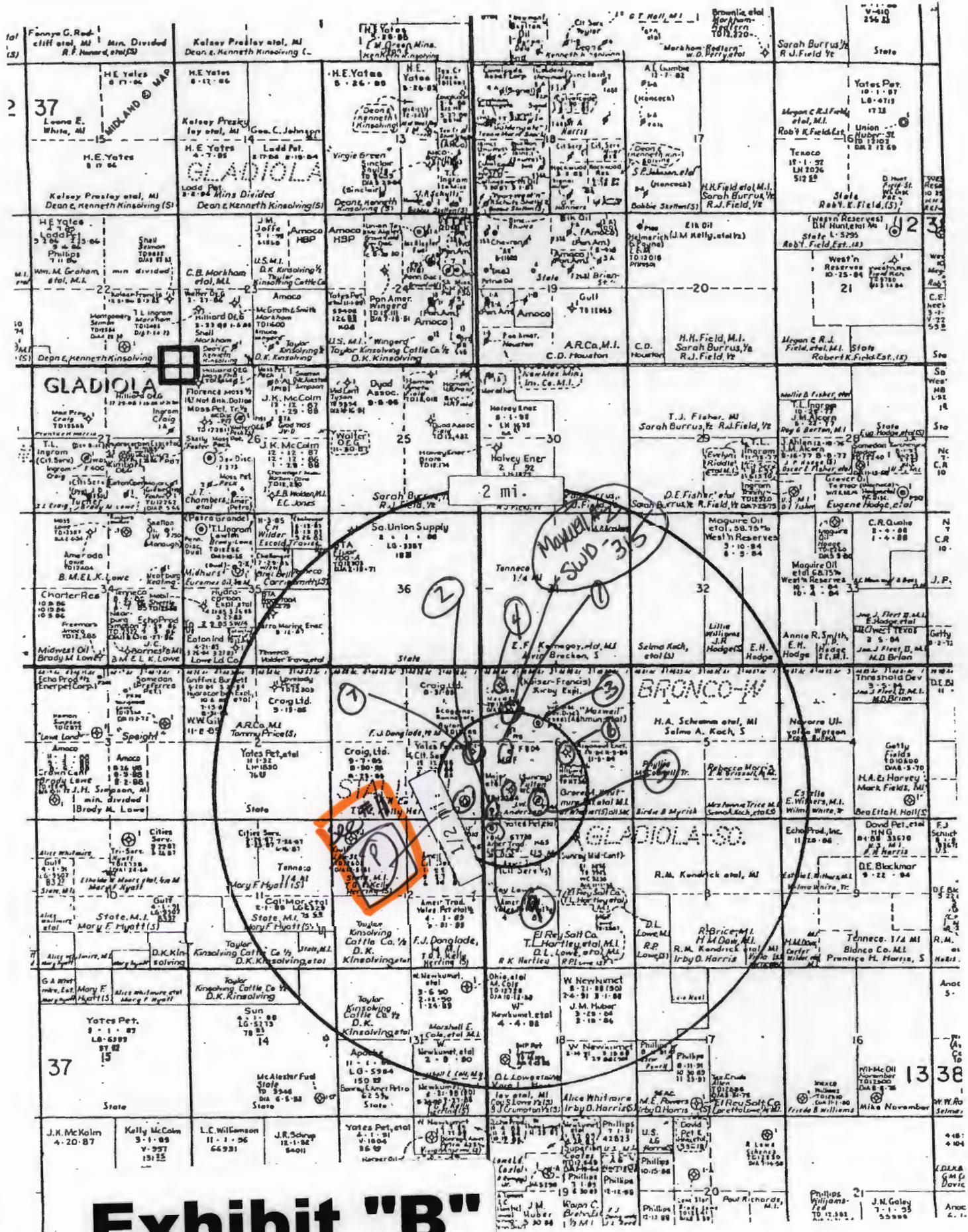
Kevin O Butler and Associates, Inc  
 EB Anderson # 2  
 API # 30-025-22454  
 Unit Letter M, Section 6, T13S, R38E  
 Lea County, New Mexico  
 After return to disposal service

Exhibit "A"



Drawing not to scale





# Exhibit "B"

**Kevin O Butler and Associates, Inc**  
**EB Anderson # 2**  
**API # 30-025-22454**  
**990 FSL x 990 FWL**  
**Unit Letter "M", T13S, R38E**  
**Lea County, New Mexico**

**Wells located in 0.5 mile Area of Review**

Kevin O Butler and Associates, Inc  
EB Anderson # 1  
API # 30-025-22340  
Unit Letter "L", Section 6, T13S, R38E

① ✓

Kevin O. Butler and Associates, Inc  
EB Anderson # 3  
API # 30-025-29786  
Unit Letter "M", Section 6, T13S, R38E

② ✓

Kevin O. Butler and Associates, Inc  
Maxwell # 1  
API # 30-025-21186  
Unit Letter "F", Section 6, T13S, R38E

③ ✓

Cosden Petroleum Corporation  
AL Maxwell # 1  
API # 30-025-07223  
Unit Letter "D", Section 6, T13S, R38E  
PA 10/1959

④ — outside 0.5 mile

Ashmund & Hilliard  
OE Fulton # 1  
API # 30-025-07224  
Unit Letter "N", Section 6, T13S, R38E  
PA 10/1967

⑤ -

Kevin O Butler and Associates, Inc  
EB Anderson # 2  
API # 30-025-22454  
990 FSL x 990 FWL  
Unit Letter "M", T13S, R38E  
Lea County, New Mexico

**Wells located in 0.5 mile Area of Review**

Ashmund and Hilliard  
GA Whitmire # 1 (6)  
API # 30-025-21631  
Unit Letter "J", Section 6, T13S, R38E  
PA 3/1966

Ashmund & Hilliard  
Rulon # 1 (7)  
API # 30-025-22847  
Unit Letter "I", Section 1, T13S, R37E  
PA 1985

Kevin O. Butler and Associated, Inc  
Maxwell # 2 (8)  
API # 30-025-21186  
Unit Letter "E", Section 6, T13S, R38E

Roswell Operating, LLC  
Lowe Federal # 1 (9)  
API # 30-025-29646  
Unit Letter "D", Section 7, T13S, R38E

Primexx Operating Company  
Coy Lowe # 1 (10)  
API # 30-025-29705  
Unit Letter "E", Section 7, T13S, R38E

Missed wells

#11 30-025-05071

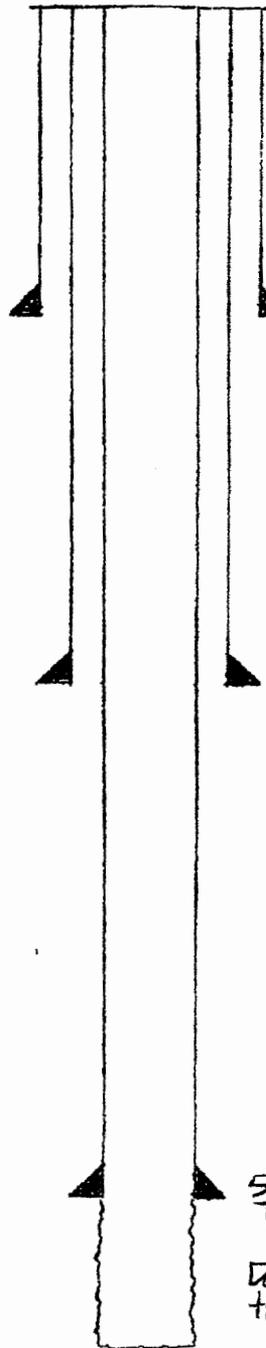
Sunday Mid-Cort/G K McDonald #1

10/05/55 > Set 5 1/2 at 9743' /  
300sx / TOC at 8720'

by TS  
No production / OP & A in April 1956  
> 25 sx over perfs (9687-9729) -  
5 1/2 & dull from 5683 - set 10 sx plug

Kevin O Butler and Associates, Inc  
EB Anderson # 1  
API # 30-025-22340  
Unit Letter "L", Section 6, T13S, R38E

①



12 3/4" Csg 34# Set @ 390' w/ 400SX

8 5/8" 2A/32# J 55 STAC @ 4,505' w/ 400SX  
TOC @ 4,160

Exhibit "C"

5 1/2" 17/32# N-80 FWP/ BTAC Set @ 12,182' w/ 900SX  
TOC @ 7,000

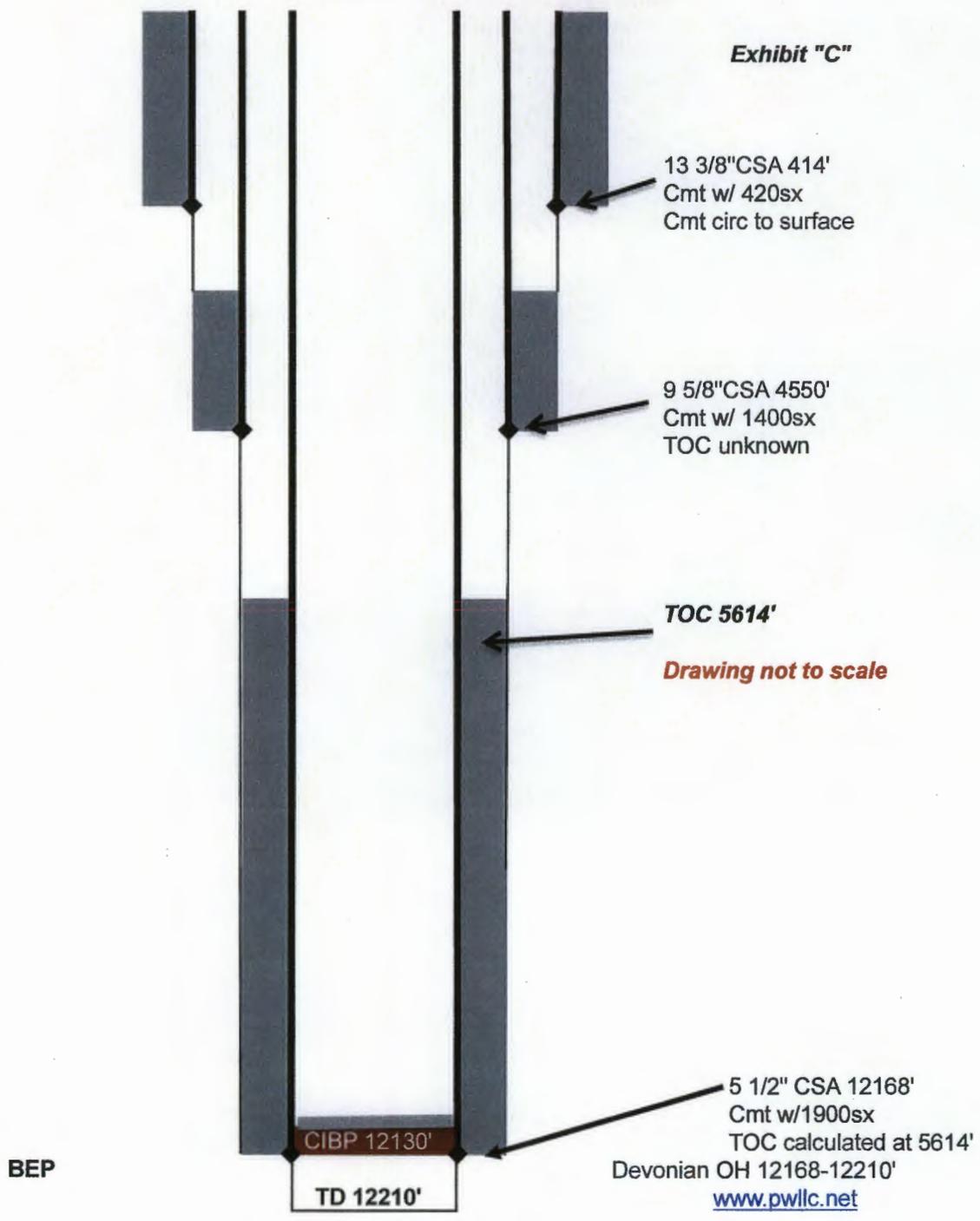
Deviation Open hole Completed from 12,182'  
to 12,197'

TD 12,197'

Kevin O Butler and Associates, Inc  
EB Anderson # 3  
API # 30-025-29786  
Unit Letter M, Sec. 6, T13S, R38E  
Lea County, New Mexico  
Current WBD

②

Exhibit "C"

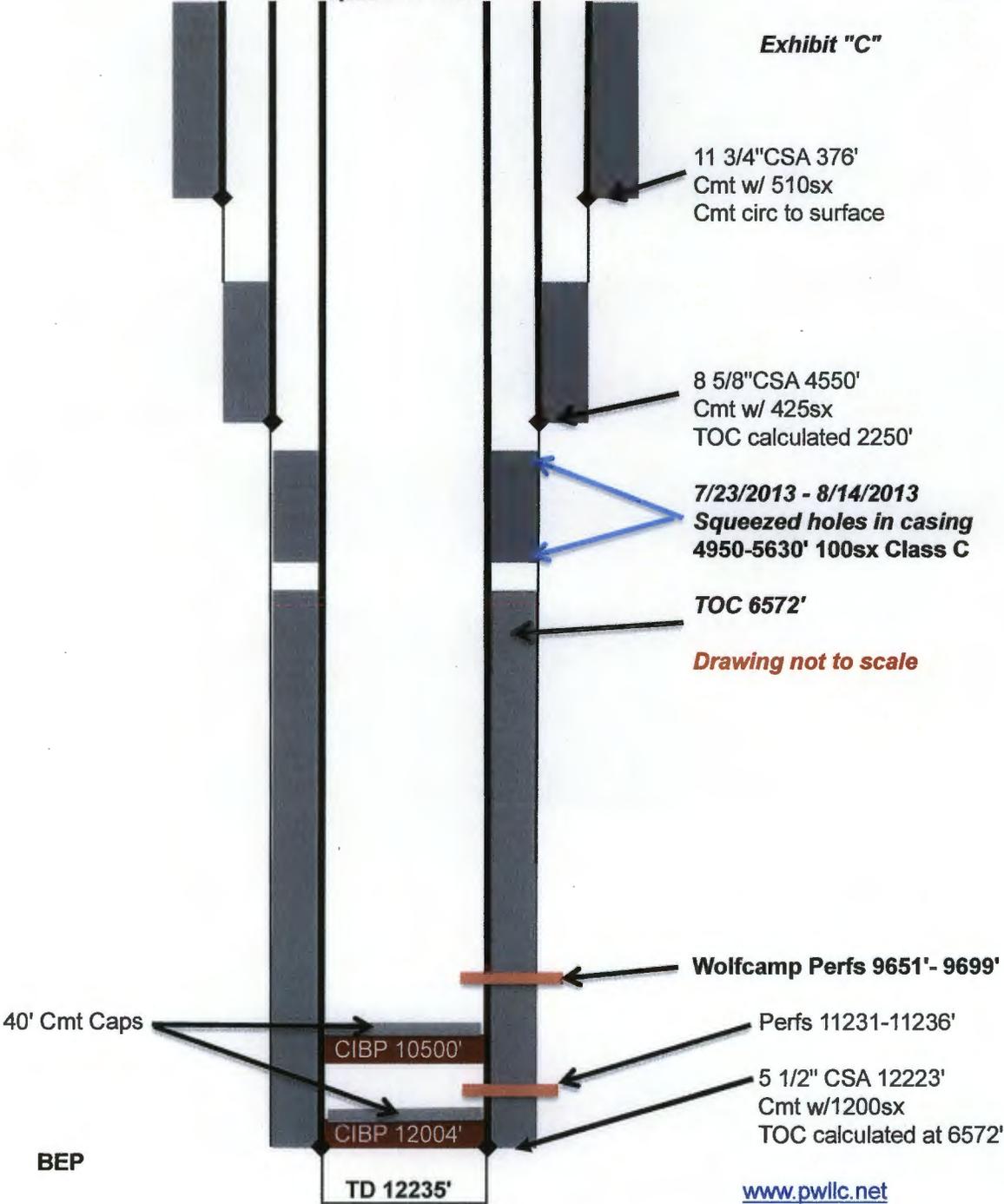


Kevin O Butler and Associates, Inc  
Maxwell # 1  
API # 30-025-21186  
Unit Letter F, Sec. 6, T13S, R38E  
Lea County, New Mexico  
Current WBD

3

Spud 2/7/1965

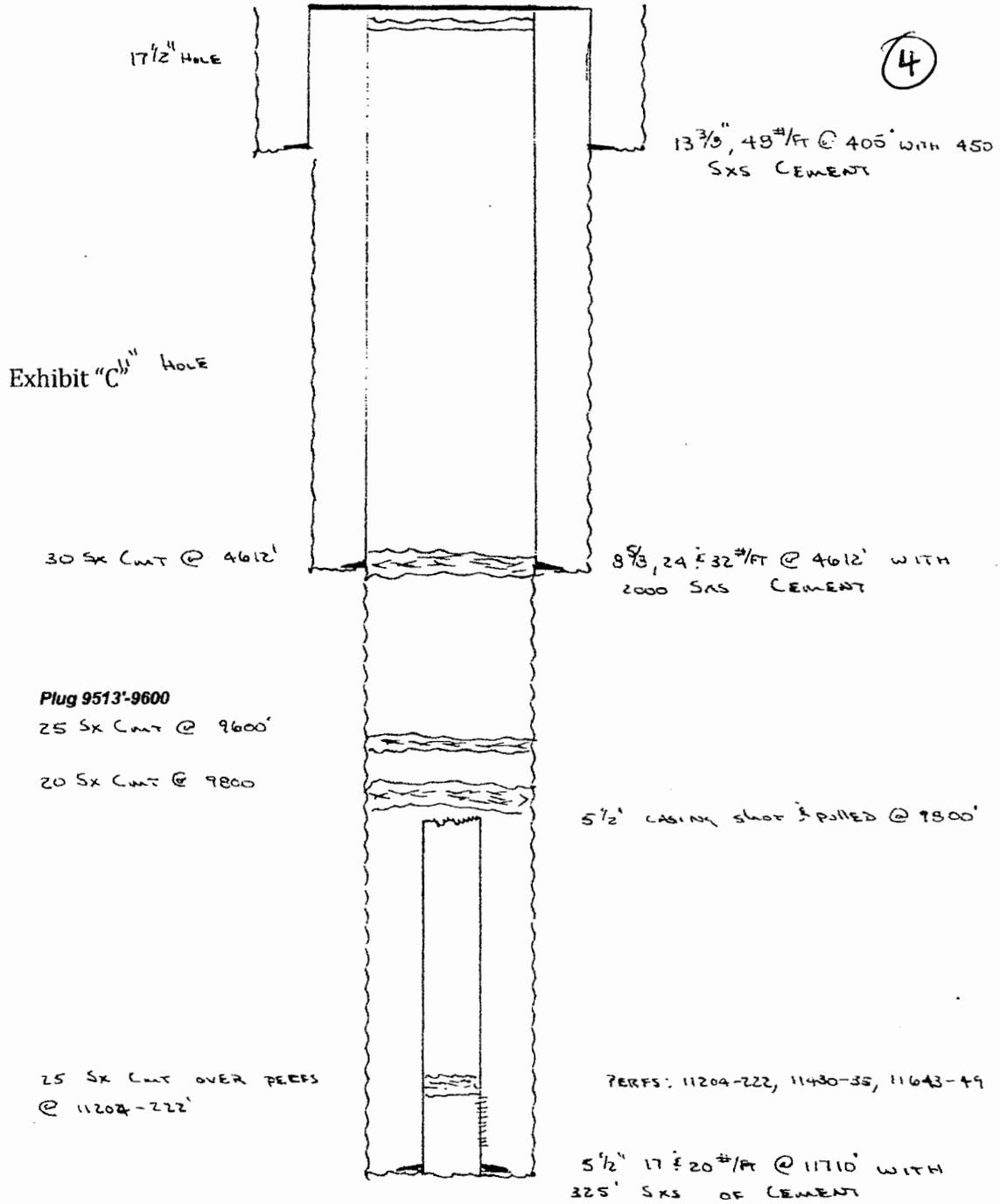
Exhibit "C"



Drawing not to scale

Cosden Petroleum Corporation  
 AL Maxwell # 1  
 API # 30-025-07223  
 Unit Letter "D", Section 6, T13S, R38E  
 PA 10/1959

10 SK CMT @ SURFACE. WELD ON 1/2" STEEL PLATE



Ashmund & Hilliard  
 OE Fulton # 1  
 API # 30-025-07224  
 Unit Letter "N", Section 6, T13S, R38E  
 PA 10/1967

5

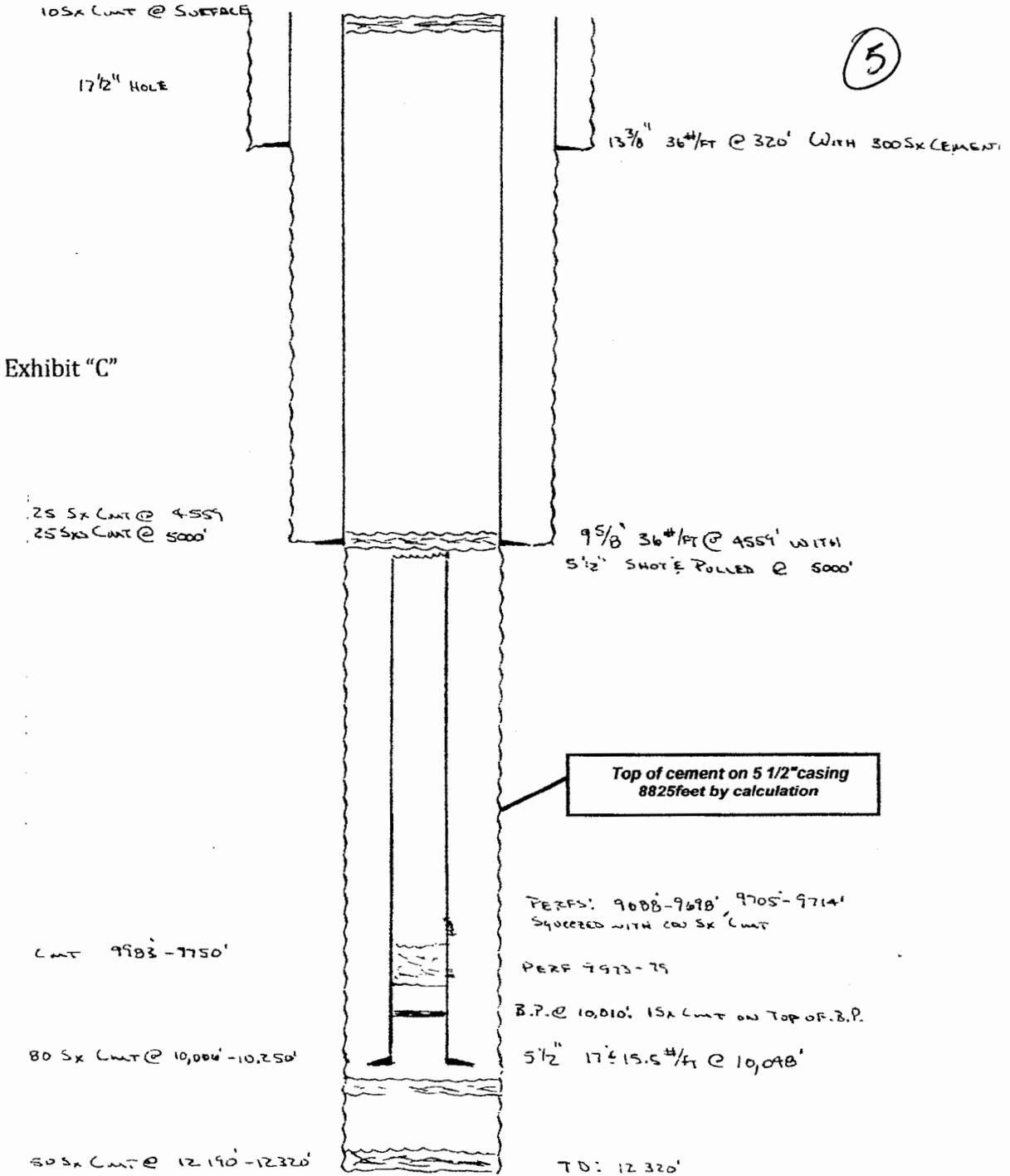
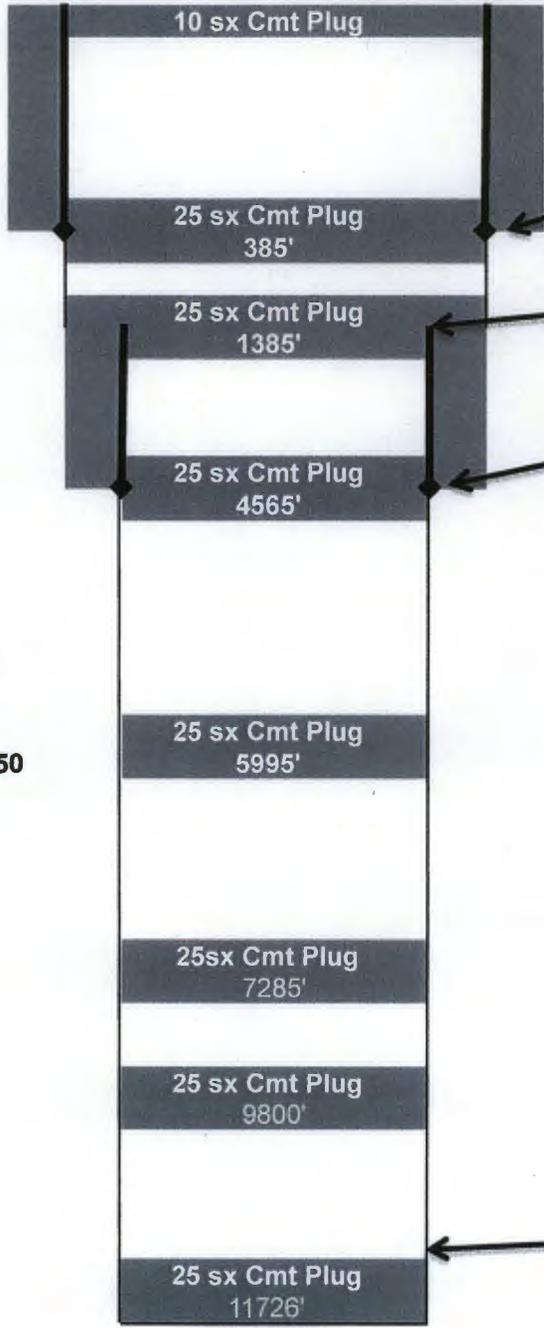


Exhibit "C"

**Ashmun and Hilliard**  
**G A Whitmire # 1**  
**API # 30-025-21631**  
**Unit Letter J, Sec. 6, T13S, R38E**  
**Lea County, New Mexico**  
**Current WBD**

(6)



**Exhibit "C"**  
**# 2**

17" Hole  
 11 3/4" CSA 383'  
 Cmt w/ 525sx  
 Cmt circ to surface  
  
 8 5/8" casing cut and pulled from 1385'  
  
 11" Hole  
 8 5/8" CSA 4565  
 Cmt w/ 500sx

Glorieta - 5978  
 Tubb - 7285  
 Abo - 7945  
 Wolfcamp - 9150  
 Atoka - 11040  
 Miss.- 11570

*Drawing not to scale*

7 7/8" Hole

BEP

TD 11726'

Ashmund & Hilliard  
 Rulon # 1  
 API # 30-025-22847  
 Unit Letter "I", Section 1, T13S, R37E  
 PA 1985

40 SXS CEMENT @ SURFACE TO 408'. CAP WITH STEEL PLATE

7

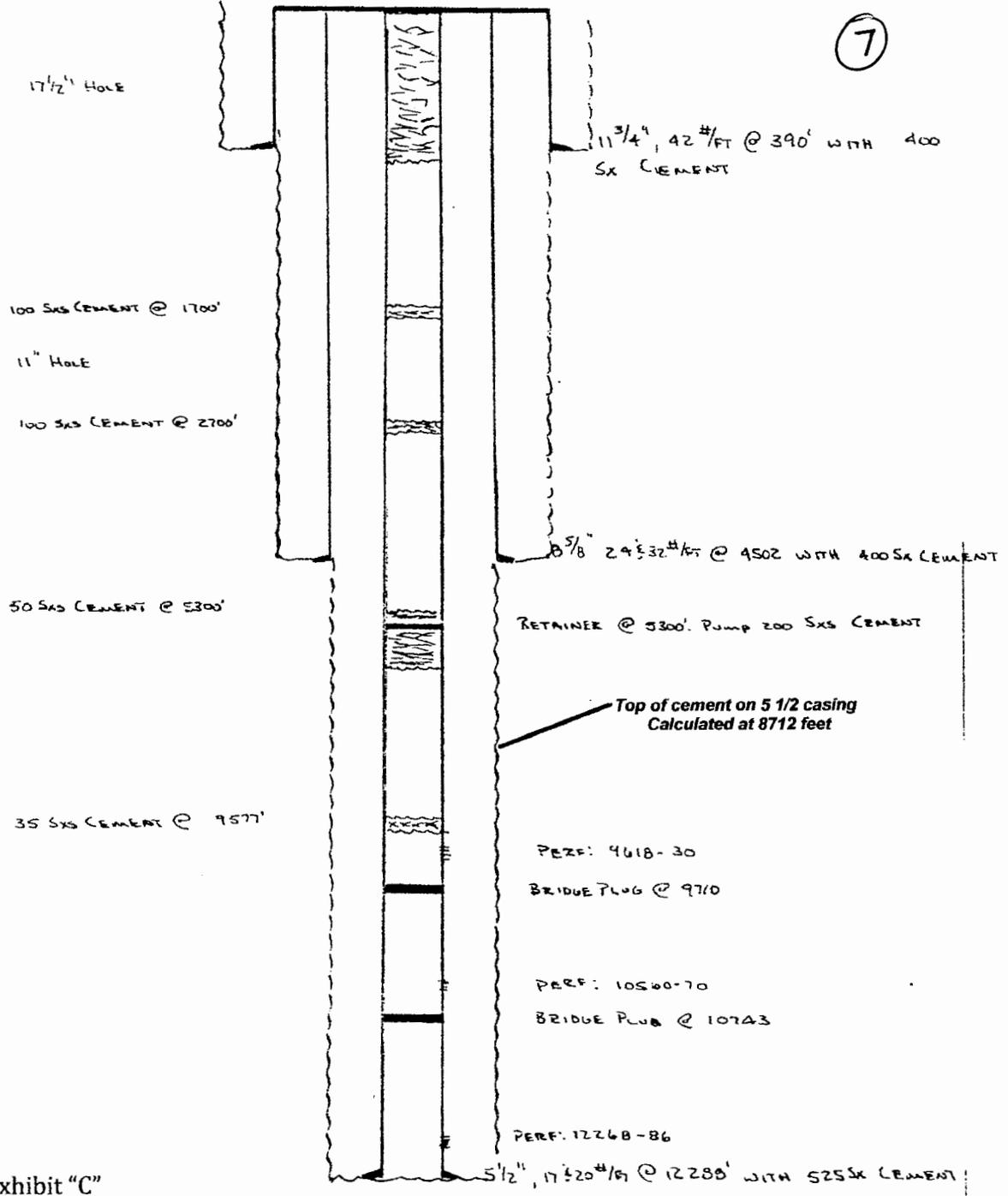
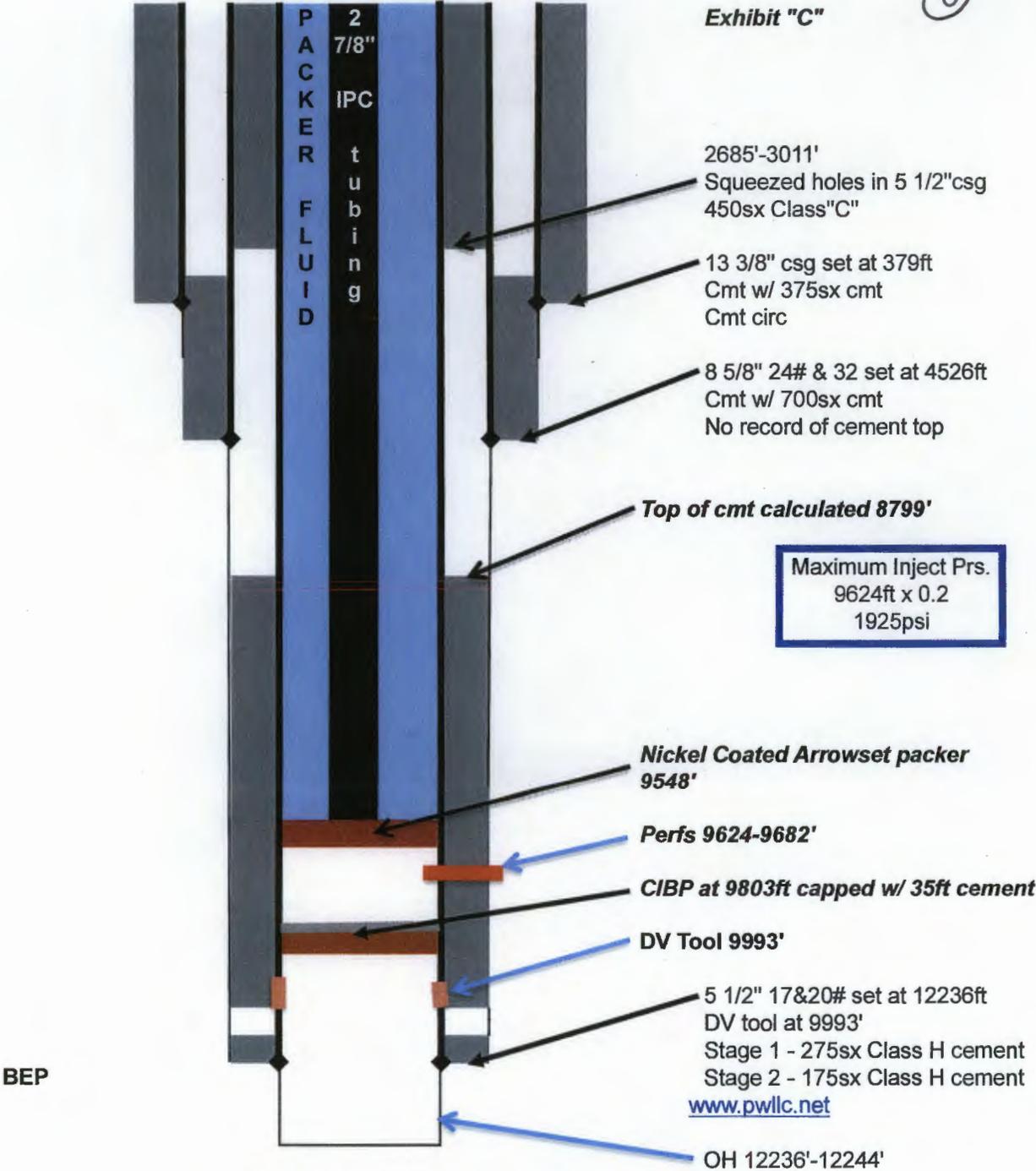


Exhibit "C"

Kevin O Butler and Associates, Inc  
 Maxwell # 2  
 API # 30-025-23089  
 Unit Letter E, Section 6, T13S, R38E  
 Lea County, New Mexico

8

Exhibit "C"



Drawing not to scale

Roswell Operating, LLC  
Lowe Federal # 1  
API # 30-025-29647  
Unit Letter D, Sec. 7, T13S, R38E  
Lea County, New Mexico  
Current WBD

9

Exhibit "C"

13 3/8" CSA 415'  
Cmt w/ 425sx  
Cmt circ to surface

8 5/8" CSA 4550'  
Cmt w/ 2400sx  
Cmt circ to surface

TOC calc 6295' ✓

Drawing not to scale

Perfs 11203'-11220'

Perfs 12190-12224'  
5 1/2" CSA 12500'

Cmt w/ 1200sx  
TOC calc 6295'

[www.pwllc.net](http://www.pwllc.net)

CIBP 12100'

BEP



**Completion Summary**

Date: 2-7-2013

Well Name: Coy Lowe #1 SWD

Location: Sec. 7, 13 S-38 E, Lea County, New Mexico

Elevation: G.L. 3849' K.B. 21' 10 3870'

**Surface Casing**

Size 13 3/8"  
 Wt./Grade 54.5#/J-55  
 Set at: 382'  
 Cement 400 sks C

**Intermediate Csg.**

Size 8 5/8"  
 Wt./Grade 24&32K-55  
 Set at: 4550'  
 Cement 2080 sks C

**Production Casing**

Size 5 1/2"  
 Wt./ grade 17&20#N80  
 Set at: 12,412'  
 Cement 1000sks  
50/50 Poz H

**Tubing String**

Size 2 7/8" Salta  
 Wt./ grade 6.5# 8rd  
 Set at: 11,795'

TOC  
 Depth 8620'

PKR/TAC  
 Depth 11,802'

PBTD 12,326'

TD 12,800'

**Well Information**

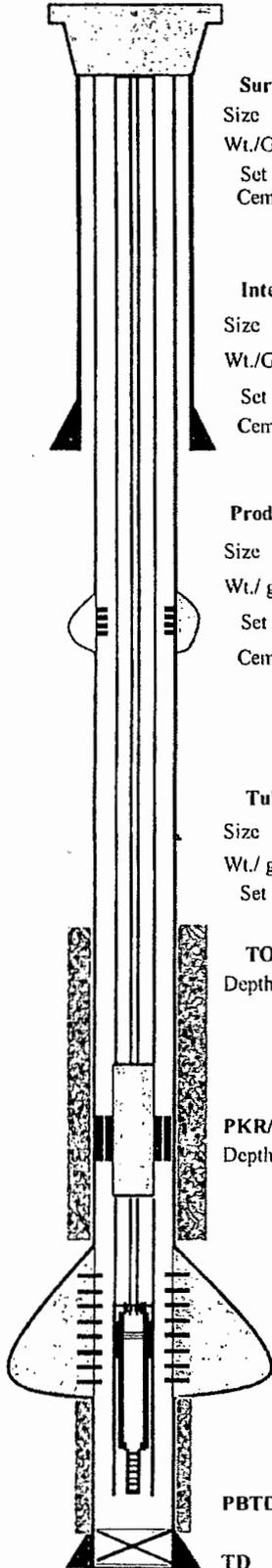
Seating Nipple \_\_\_\_\_  
 Rods \_\_\_\_\_  
 Pump \_\_\_\_\_

**Plugs - Perforations - Treatment**

Interval/Zone	Treatment Detail
9700'-9706'	Sq'ed off w/ 75 sks.
11,392'- 11,406'	Sq'ed off w/ 50 sks
	Recommended thru tbg. perms: 12,202'- 12,233' - no record.
12,235'- 12,243'	
12,278'- 12,288'	

Equipment Description	Length	Depth
Cm't'd to Surf. w/ 475sls and Halco Lite & 100 sks Prem.		

**2 7/8" tbg filled with cement  
 PA 2013  
 Exhibit "C"**



P. O. BOX 1488  
 MONAHANS, TEXAS 79756  
 PH 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W INDIANA  
 MIDLAND TEXAS 79701  
 PHONE 683-4521

**RESULT OF WATER ANALYSES**

TO: Mr. Robert Setzler LABORATORY NO. 687361  
P.O. Box 360, Midland, Texas SAMPLE RECEIVED 6-22-87  
 RESULTS REPORTED 6-24-87

COMPANY MGF Oil Corporation LEASE E.B. Anderson Salt Water Disposal #2  
 FIELD OR POOL Bronco  
 SECTION      BLOCK      SURVEY      COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Raw water - taken from water well located ¼ mile NE of Anderson salt water disposal. 6-16-87
- NO. 2 Raw water - taken from water well located ½ mile West of Anderson salt water disposal. 6-16-87
- NO. 3
- NO. 4

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0049	1.0024		
pH When Sampled				
pH When Received	7.50	7.50		
Bicarbonate as HCO <sub>3</sub>	212	215		
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	970	500		
Calcium as Ca	270	144		
Magnesium as Mg	72	34		
Sodium and/or Potassium	640	124		
Sulfate as SO <sub>4</sub>	216	289		
Chloride as Cl	1,392	207		
Iron as Fe	6.0	0.64		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	2,802	1,013		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	0.0		
Resistivity, ohms/m at 77° F.	2.11	6.86		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief

**Exhibit "D"**

By W. Reagan White  
 W. Reagan White, B.S.

**Legal Notice will be published in Lovington Leader  
Affidavit of publication will be forwarded to NMOCD when received**

**Legal Notice**

Kevin O. Butler and Associates, Inc 550 W. Texas, Suite 600, Midland, Texas 79702 has filed form C108(Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for the conversion of the EB Anderson # 2, API # 30-025-22454, 990 FSL x 990 FWL, Unit Letter "M", Section 6, T13S, R38E Lea County, New Mexico from a shut in Wolfcamp/Devonian salt water disposal well to an active Wolfcamp/Devonian lease salt water disposal well. The disposal interval would be the Wolfcamp formation through perforations 9563feet to 9686 feet and the Devonian formation thru Open Hole from 12221 feet to 12280 feet Disposal fluid would be produced water piped in from numerous producing oil wells in the immediate area. Anticipated disposal rate 5000 BWPD with a maximum disposal rate of 7500 BWPD. Anticipated disposal pressure of 0(Zero) psi with a maximum disposal pressure of 1912 psi. Well is located approximately 12 miles east of Tatum, New Mexico.

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Divison, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505 with in 15 days. Additional information can be obtained by contacting Billy Prichard 432-934-7680

**Exhibit "E"**

**Kevin O Butler and Associates, Inc  
EB Anderson # 2  
30-025-22454  
990 FSL X 990 FWL  
Unit Letter "M", Section 6, T13S, R38E  
Lea County, New Mexico**

**Notified Parties  
Surface Owner**

**Ross Wler  
145 Simpson Road  
Lovington, NM 88260  
Mineral Owners in 40 acre tracts in 0.5 AOR**

**Danglade/Speight Family Oil and Gas I, LP  
777 Main Street, Suite 3250  
Ft. Worth, TX 76102**

**Rebecca Ann Whitaker  
8276 Country Club Road  
San Angelo, TX 76904**

**Mary Frank Whitmire Hyatt  
1712 W. 3<sup>rd</sup> Street  
Roswell, NM 88201**

**Marshall & Winston, Inc  
PO Box 50880  
Midland, TX 79710**

**Roswell Operating, LLC  
1515 Calle Sur  
Hobbs, New Mexico 88240**

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220**

**Primexx Operating Corporation  
4849 Greenville Ave  
Suite 1600  
Dallas, TX 75206**

**Exhibit "E"**

**Kevin O Butler and Associates, Inc  
EB Anderson # 2  
30-025-22454  
990 FSL X 990 FWL  
Unit Letter "M", Section 6, T13S, R38E  
Lea County, New Mexico**

**Notified Parties**

**Lease Holder  
Kevin O Butler and Associates, Inc**

**Additional Notified Parties**

**NMOCD  
District 1  
1625 N. French Drive  
Hobbs, NM 88240**

**Exhibit "E"**

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at [www.usps.com](http://www.usps.com)

HOBBS NM 88240  
**OFFICIAL USE**

Postage	\$ 1.82	0634
Certified Fee	\$3.30	02
Return Receipt Fee (Endorsement Required)	\$2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$0.00	
<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To **NMOCD**  
**District 1**  
 Street, Apt. or PO Box **1625 N. French Drive**  
 City, State **Hobbs, NM 88240**

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Sent To **Primexx Operating Corporation**  
**4849 Greenville Ave**  
 Street, Apt. or PO Box **Suite 1600**  
 City, State **Dallas, TX 75206**

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<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To **Ross Wier**  
**145 Simpson Road**  
 Street, Apt. or PO Box **LOVINGTON, NM 88260**  
 City, State

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<b>Total Postage &amp; Fees</b>	<b>\$8.03</b>	01/27/2014

Sent To **Bureau of Land Management**  
**Carlsbad Field Office**  
 Street, Apt. or PO Box **620 East Greene Street**  
 City, State **Carlsbad, New Mexico 88220**

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To **Roswell Operating, LLC**  
**1515 Calle Sur**  
 Street, Apt. or PO Box **Hobbs, New Mexico 88240**  
 City, State

7011 2000 0000 8375 8217

7011 2000 0000 8375 8217

7011 2000 0000 8375 8194

7011 2000 0000 8375 8187

7011 2000 0000 8375 8170

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To  
**Danglade/Speight Family Oil  
 and Gas I, LP**  
 Street, Apt. or PO Box  
**777 Main Street, Suite 3250**  
 City, State  
**Ft. Worth, TX 76102**

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<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To  
**Mary Frank Whitmire Hyatt**  
 Street, Apt. or PO Box  
**712 W. 3rd Street**  
 City, State  
**Roswell, NM 88201**

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Sent To  
**Rebecca Ann Whitaker**  
 Street, Apt. or PO Box  
**8276 Country Club Road**  
 City, State  
**San Angelo, TX 76904**

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Restricted Delivery Fee (Endorsement Required)	\$0.00	
<b>Total Postage &amp; Fees</b>	<b>\$7.82</b>	01/27/2014

Sent To  
**Marshall & Winston, Inc**  
 Street, Apt. or PO Box  
**PO Box 50880**  
 City, State  
**Midland, TX 79710**

7011 2000 0000 8375 8132  
 7011 2000 0000 8375 8156

7011 2000 0000 8375 8149  
 7011 2000 0000 8375 8156

Please find enclosed 2 copies of NMOCD form C108 for  
Kevin O. Butler and Associates, Inc  
Legal Notice - Scheduled to run in the Lovington Leader 1/28/2014.  
Affidavit of Publication will be sent to NMOCD when received.

RECEIVED OGD  
2014 JUN 30 P 3: 15

Thanks

A handwritten signature in cursive script that reads "Billy E. Prichard".

Billy(Bill) E. Prichard  
Pueblo West  
125 Greathouse Village  
Decatur, TX 76234  
432-934-7680 cellular or text  
940-627-0086 fax  
email; [billy@pwllc.net](mailto:billy@pwllc.net)  
[www.pwllc.net](http://www.pwllc.net)

**Affidavit of Publication**

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

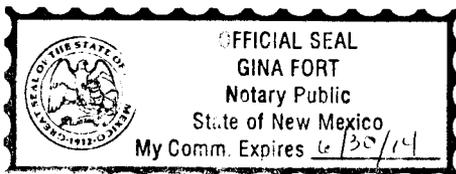
Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Manager of THE LOVINGTON LEADER, a thrice a week newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled Legal Notice was published in a regular and entire issue of THE LOVINGTON LEADER and not in any supplement thereof, for one (1) day(s), beginning with the issue of January 28 , 2014 and ending with the issue of January 28 , 2014.

And that the cost of publishing said notice is the sum of \$ 38.38 which sum has been (Paid) as Court Costs.

*Joyce Clemens*  
Joyce Clemens, Advertising Manager  
Subscribed and sworn to before me this 28th day of January , 2014.

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



EB Anderson # 2, well is located approximately 12 miles east of Tatum, New Mexico. API # 30-025-22454, 990 FSL x 990 FWE, Unit Letter M, Section 6, T13S, R38E Lea County, New Mexico from a shut in Wolfcamp/Devonian salt water disposal well to an active Wolfcamp/Devonian lease salt water disposal well. The disposal interval would be the Wolfcamp formation through perforations 9563 feet to 9686 feet and the Devonian formation thru Open Hole from 12221 feet to 12280 feet Disposal fluid produced water piped in from numerous producing oil wells in the immediate area. Anticipated disposal rate 5000 BWPD with a maximum disposal rate of 7500 BWPD. Anticipated disposal pressure 0(Zero) psi with a maximum disposal pressure of 1912

Legal Notice  
Kevin O. Butler and Associates, Inc 550 W Texas Suite 600, Midland, Texas 79702 has filed C-108 (Application for Authorization to Inject) with the New Mexico Oil Conservation Division seeking administrative approval for the conversion of the

All interested parties opposing the aforementioned must file objections with the New Mexico Oil Conservation Division, 1220 South St. Francis Ave, Santa Fe, New Mexico 87505 on or in 15 days. Additional information can be obtained by contacting Billy Prichard 432-934-7880  
Published in The Lovington Leader January 28, 2014



PERMIT TYPE: WFX / PMX / SWD Number: 1469 Permit Date: 03/26/14 Legacy Permits/Orders: SWD-328

Well No. 2 Well Name(s): E. B. Anderson [Wolfcamp & Devonian]

API: 30-0 25-22454 Spud Date: 03/28/1968 New or Old: Old (UIC Class II Primacy 03/07/1982)

Footages 990 FSL / 990 FWL Lot — or Unit M Sec 6 Tsp 18S Rge 38E County Lea

General Location: ~5mi west of Texas / NM border / east of Tatum Pool: SWD: Wolfcamp & Devonian Pool No.: 7460

BLM 100K Map: Tatum Operator: Kevin O Butler and Assoc. Inc. OGRID: 12627 Contact: Billy Pritchard / Agent

COMPLIANCE RULE 5.9: Inactive Wells: 1 Total Wells: 34 Fincl Assur: Yes Compl. Order? Yes - required to revised IS 5.9 OK? Date: 03/26/14

WELL FILE REVIEWED  Current Status: IA - well has tubing failure ACOI-288 / ACOI-280

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

Planned Rehab Work to Well: Fish out tubing/packer; to retain previously approved injection interval

Well Construction Details:	Sizes (in) Borehole / Pipe	Setting Depths (ft)	Cement Sx or Cf	Cement Top and Determination Method
Planned ___ or Existing ___ Conductor	—	—	—	—
Planned ___ or Existing <input checked="" type="checkbox"/> Surface	<u>17 1/2 / 12 3/4</u>	<u>0 to 372</u>	<u>400</u>	<u>Circulate to surface</u>
Planned ___ or Existing <input checked="" type="checkbox"/> Interm/Prod	<u>11 / 8 5/8</u>	<u>0 to 2660</u>	<u>400</u>	<u>Calculated / 2660</u>
Planned ___ or Existing <input checked="" type="checkbox"/> Prod/Interm	<u>7 7/8 / 5 1/2</u>	<u>0 to 12221</u>	<u>950</u>	<u>Calc. 700 / 6800</u>
Planned ___ or Existing ___ Liner/Prod	—	[open hole 12221]	—	—
Planned ___ or Existing <input checked="" type="checkbox"/> OH / PERF	<u>WC perfs Devonian OH</u>	<u>open hole 12221 - 12280 perf: 9563 - 9686</u>	<u>Inj Length 123 + 59</u>	<u>total 182'</u>
<b>Injection Stratigraphic Units:</b>	<b>Depths (ft)</b>	<b>Injection or Confining Units</b>	<b>Tops?</b>	<b>Completion/Operation Details:</b>
Adjacent Unit: Litho. Struc. Por.	—	—	—	Drilled TD <u>12280</u> PBDT <u>NA</u>
Confining Unit: Litho. Struc. Por.	<u>+</u>	—	—	NEW TD <u>NA</u> NEW PBDT <u>NA</u>
Proposed Inj Interval TOP:	<u>9563 - 9686</u>	<u>WC - woodford shale</u>	<u>9159</u>	NEW Open Hole <u>No</u> or NEW Perfs <u>No</u>
Proposed Inj Interval BOTTOM:	<u>12221 - 12280</u>	<u>Devonian</u>	<u>12227</u>	Tubing Size <u>2 7/8</u> in. Inter Coated? <u>Yes</u>
Confining Unit: Litho. Struc. Por.	—	—	—	Proposed Packer Depth <u>4500</u> ft
Adjacent Unit: Litho. Struc. Por.	—	—	—	Min. Packer Depth <u>9463</u> (100-ft limit)
				Proposed Max. Surface Press. <u>1912</u> psi
				Admin. Inj. Press. <u>1912</u> (0.2 psi per ft)

**AOR: Hydrologic and Geologic Information**

POTASH: R-111-P NA Noticed? NA BLM Sec Ord No WIPP No Noticed? NA SALADO: T: 3028 B: 3110 CLIFF HOUSE NA

FRESH WATER: Aquifer Ogallala Max Depth 260' 1-Mile Wells? Yes FW Analysis Hydro Affirm Stat By Qualified Person

Disposal Fluid: Formation Source(s) WC to Ghinle Analysis? Yes On Lease  Operator Only  or Commercial

Disposal Interval: Inject Rate (Avg/Max BWPD): 5000/7500 Protectable Waters?: No CAPITAN REEF: thru  adj  NA

HC Potential: Producing Interval? No Formerly Producing? Yes Method: Logs/DST/P&A/Other Cross section 2-Mile Radius Pool Map

AOR Wells: 1/2-M Radius Map? Yes Well List? Yes Total No. Wells Penetrating Interval: 10 Horizontals? 0

Penetrating Wells: No. Active Wells 6 Num Repairs? 0 on which well(s)? \_\_\_\_\_ Diagrams? \_\_\_\_\_

Penetrating Wells: No. P&A Wells 4 Num Repairs? 0 on which well(s)? \_\_\_\_\_ Diagrams? \_\_\_\_\_

NOTICE: Newspaper Date 01/28/2014 Mineral Owner Free/lease Surface Owner Ross Wier/Private N. Date 01/27/14

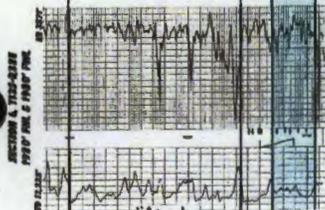
RULE 26.7(A): Identified Tracts? Yes Affected Persons: Mary Frank Whitmine Hyatt / Marshall N. Date 01/27/14

Permit Conditions: Issues: Compliance ACOI-280

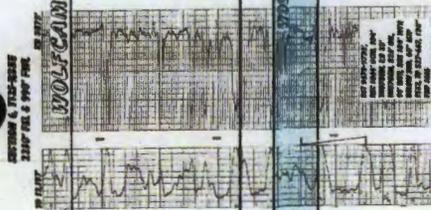
Add Permit Cond: None

**A**

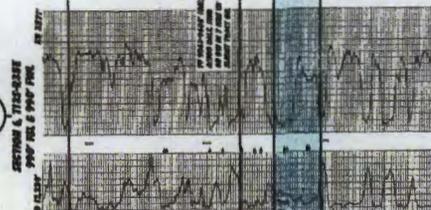
**ASHBURN & HILLIARD  
NO. 1 MATTHEW**



**MCF (KEVIN O. BUTLER)  
NO. 1 E. ANDERSON**



**MAJOR, GEBEL & FORSTER  
NO. 2 ANDERSON**

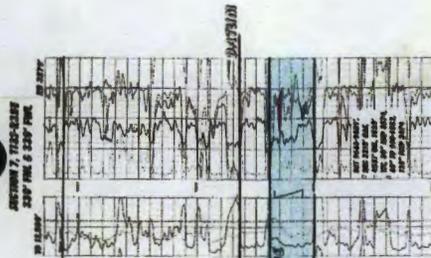


**MAJOR, GEBEL & FORSTER  
NO. 3 ANDERSON**

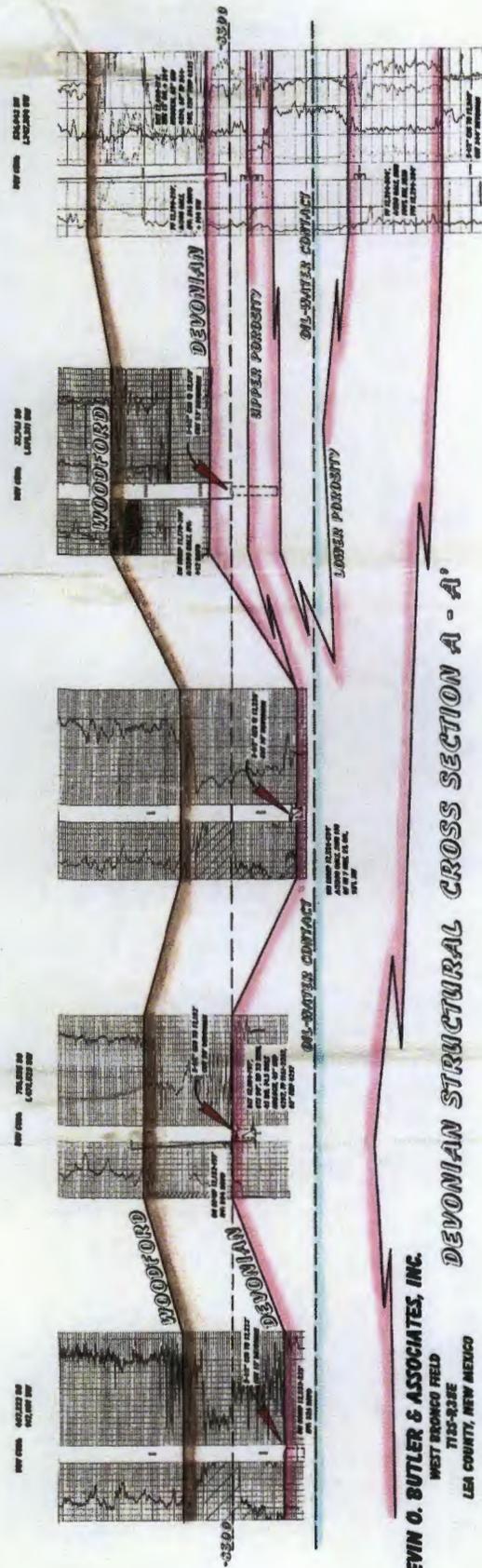


**A'**

**AMERICAN TRADING & PROD.  
NO. 1 LOWE-FED.**



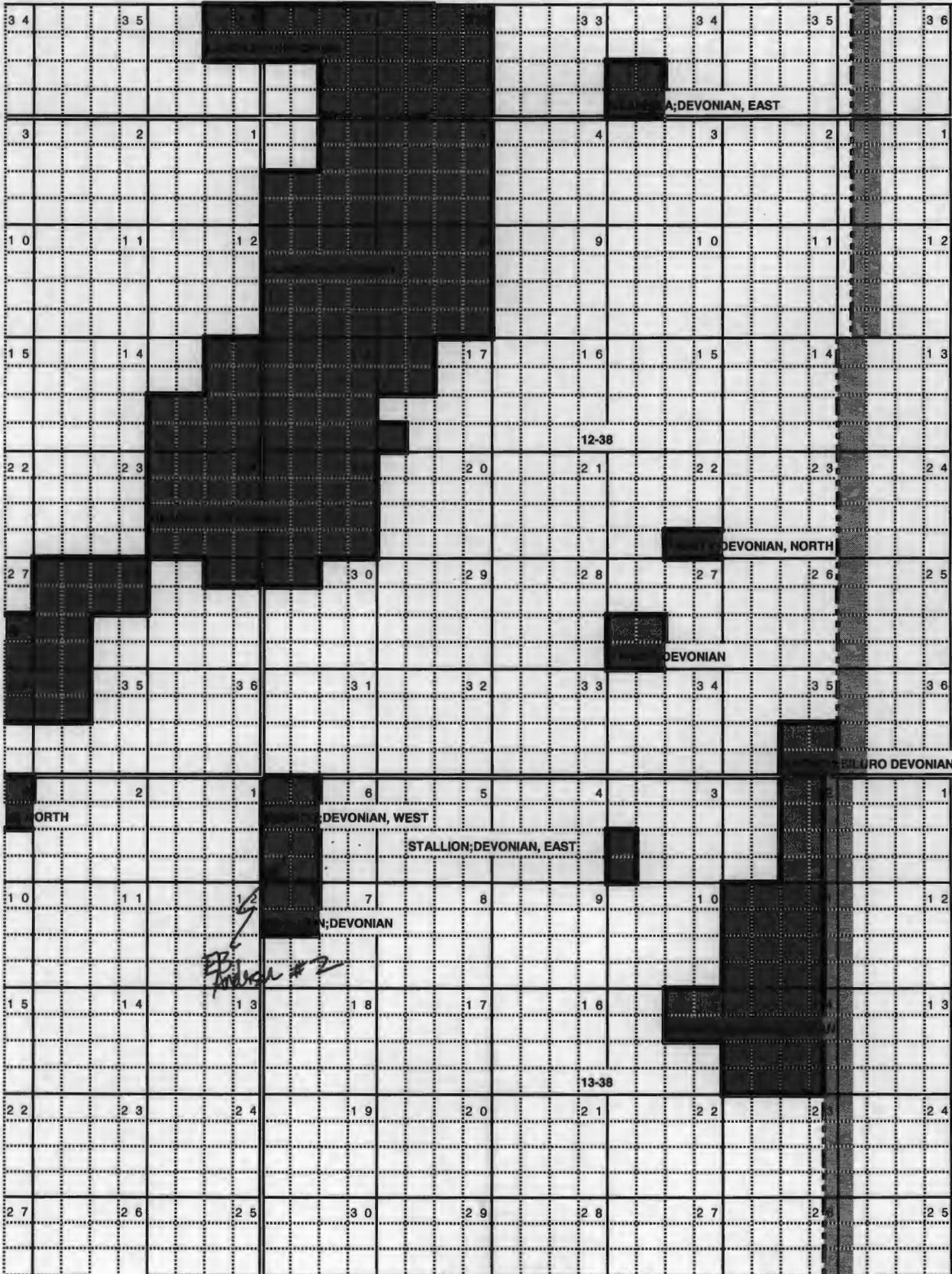
**WOLF CAMP STRATIGRAPHIC CROSS SECTION A - A'**



**KEVIN O. BUTLER & ASSOCIATES, INC.**  
WEST BRONCO FIELD  
7155-833E  
LEA COUNTY, NEW MEXICO

**DEVONIAN STRUCTURAL CROSS SECTION A - A'**

R 38 E



T 12

T 13

Devonian pools

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

ORDER SWD-328

THE APPLICATION OF MGF OIL CORPORATION

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 701(B), MGF Oil Corporation made application to the New Mexico Oil Conservation Division on July 13, 1987, for permission to complete for salt water disposal its E. B. Anderson Well No. 2 located in Unit M of Section 6, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico.

The Division Director finds:

- (1) That application has been duly filed under the provisions of Rule 701(B) of the Division Rules and Regulations;
- (2) That satisfactory information has been provided that all offset operators and surface owners have been duly notified; and
- (3) That the applicant has presented satisfactory evidence that all requirements prescribed in Rule 701 will be met.
- (4) That no objections have been received within the waiting period prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant herein, MGF Oil Corporation is hereby authorized to complete its E. B. Anderson Well No. 2, located in Unit M of Section 6, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico, in such a manner as to permit the injection of salt water for disposal purposes into the Wolfcamp and Devonian formations through the perforated interval from 9563 feet to 9686 feet and through the open-hole interval from 12,221 feet to 12,280 feet through 2 7/8 inch plastic lined tubing set in a packer located at approximately 9463 feet.

IT IS FURTHER ORDERED:

That the operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

That the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing, or packer.

That prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of the casing.

That the injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to no more than 1912 psi.

That the Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Wolfcamp and Devonian formations. That such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

That the operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of disposal equipment and of the mechanical integrity test so that the same may be inspected and witnessed.

That the operator shall immediately notify the supervisor of the Division's Hobbs district office of the failure of the tubing, casing, or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

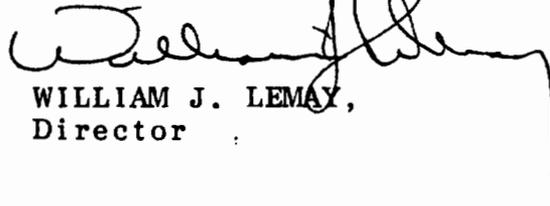
PROVIDED FURTHER, That jurisdiction of this cause is hereby retained by the Division for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after notice and hearing, the Division may terminate the authority hereby granted in the interest of conservation. That applicant shall submit monthly reports of the disposal operations in accordance with Rule 706 and 1120 of the Division Rules and Regulations.

Page 3  
Administrative Order SWD-328

That the Division Director may rescind or suspend this injection authority if it becomes apparent that the injected water is not being confined to the injection zone or it is endangering any fresh water aquifers.

Approved at Santa Fe, New Mexico, on this 7 day of August, 1987.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY,  
Director

S E A L