

LAW OFFICES OF
MICHAEL DANOFF & ASSOCIATES, P.C.

MICHAEL L. DANOFF
BRETT J. DANOFF
RYAN P. DANOFF

RECEIVED OGD

2015 JUL 29 P 3:47

1225 RIO GRANDE BLVD. NW
ALBUQUERQUE, NM 87104
(505) 262-2383
FAX (505) 266-4330

EMAIL: MICHAELDANOFF@QWESTOFFICE.NET
BDANOFF@MICHAELDANOFF.COM
RDANOFF@MICHAELDANOFF.COM

OUR FILE NO.

4661-A26

July 29, 2015

VIA EMAIL ONLY

Ernest L. Padilla, Esq.
PO Box 2523
Santa Fe, NM 87504-2523

VIA EMAIL ONLY

Mr. Phillip Goetze
1220 South St. Francis Drive
Santa Fe, NM 87505

VIA EMAIL ONLY

Mr. Michael McMillan
1220 South St. Francis Drive
Santa Fe, NM 87505

VIA EMAIL ONLY

Mr. William V. Jones
1220 South St. Francis Drive
Santa Fe, NM 87505

VIA EMAIL ONLY

Mr. Florene Davidson
1220 South St. Francis Drive
Santa Fe, NM 87505

VIA EMAIL ONLY

Mr. Katherine Moss, Esq.
PO Box 1148
Santa Fe, NM 87504-1148

Re: Protest of Drilling of New Salt Water Disposal; Cooper 17 Well #1

Dear Ladies and Gentlemen:

I am writing on behalf of my client Randy Briggs in regard to the above captioned matter. I previously sent a letter on February 16, 2015 and in anticipation of the hearing on August 6, 2015, I am providing a revised copy of the letter. My client is providing this notice of protest in response to Oasis Water Solutions, LLC's public notice of application to the NMOCD to drill and complete a salt water disposal well (the Cooper 17 well #1) for the following reasons;

1. You should be advised that notice of intent was not published in the Hobbs NM newspaper, which is the appropriate newspaper for where subject well is to be located.
2. A form was submitted by Horizon Oil and Gas reports the original drilling, casing, and cementing operations. It indicates 13 3/8 inch surface casing set at 250 feet, cemented to surface, 8 5/8 inch casing set at 1215 feet, also with cemented circulated to surface. Please see the Oil Conservation Division report dated July 9, 1987 attached hereto as Exhibit 1.

3. A form submitted by Horizon Oil and Gas reports five and a half inch (5 1/2") casing ran to 6539 feet, and cemented with 820 sacks cement. Of important note is that this cement job was evidently done in one operation without the use of a DV tool. There is no report of circulation, no report of waiting on cement after first stage cementing, and no verification of cement top by bond log or temperature survey. The only TOC notes is an estimation by calculation. Please see the Oil Conservation Division report dated August 13, 1987 attached hereto as Exhibit 2.
4. Attached hereto as Exhibit 3 is a portion of the original drilling report in which formation tops were noted.
5. A form submitted by Smith & Marr, Inc. details the steps taken to convert this well from a producing well to a salt water disposal well. The top and bottom perforations permitted for SWD service are in "the lower San Andres". The well was put into SWD service in February 2006. Please see Oil Conservation Division Report dated February 20, 2006 attached hereto as Exhibit 4.
6. On or about July 1, 2014 subsequent to the well being transferred to J. Cooper enterprises, notice was given to the NMOCD that a pressurized water flow had been discovered at surface (in the 5 1/2" x 8 5/8" annulus), the well had been shut in, and disposal activities were ceased. Please see Oil Conservation Division Reported dated July 1, 2014 attached hereto as Exhibit 5.
7. A form dated October 1, 2014 was submitted to NMOCD on October 1, 2014 reporting the remedial work that had been done to the well during the months of July 2014, and August 2014. Please see Oil Conservation Division Reported dated October 1, 2014 attached hereto as Exhibit 6.
8. On or about July 2014, work was done on the well to attempt down hole repairs. On July 7, 2014, twelve (12) joints of three and a half inch (3 1/2") injection tubing were being pulled and laid down. Three (3) of those joints had holes due to corrosion. On July 8, 2014 thirty-five (35) joints were pulled and laid down that had holes, and one hundred seven (107) joints were pulled and laid down that did not have holes. On July 11, 2014 a retrievable bridge plug was ran to 4,253 feet and set in the five and a half inch (5 1/2") casing. A packer was then set immediately above the bridge plug, and there was an unsuccessful attempt to pressure test the bridge plug. The bridge plug was subsequently moved to 4,237 feet and reset. Again a successful pressure test could not be achieved on the bridge plug. During the day, the plug was moved a total of nine (9) times and retested, all testing events resulting in failed pressure tests. The bridge plug was then ran back down to 4,188 feet and reset in the five and a half (5 1/2) casing. Fourteen (14) subsequent pressure tests with the packer set at depths ranging from 1,159 feet to 3,517 feet resulted in

failed tests. On July 14, 2014 the compression type packer was pulled and a tension type packer was ran. Good casing was subsequently proven by pressure testing only ABOVE the packer when set at 1,159 feet. Please see the daily log attached hereto as Exhibit 7.

9. There is no record of the bridge plug that had been set at 4,188 feet ever having been pulled. However, on this day a cast iron bridge plug was ran and set on wire line at 4,300 feet in the five and a half (5 ½) casing. Also on this date a gamma ray log was pulled "to 3,200 feet". It is not reported from what depth the log was pulled. If the log was run to discover top of cement no TOC was subsequently reported.
10. On July 18, 2014 it was reported that the casing was squeezed with twenty (20) BBLs water glass, and seven hundred (700) sacks cement. The method used to squeeze was not reported.
11. On July 21, 2014 a drill bit was run, and cement was tagged at 1325 feet. However, the hole could not be circulated for drilling.
12. On July 22, 2014 the well was squeezed with twenty (20) BBLs water glass and 200 sacks cement. This was accomplished by displacement down casing behind a wiper plug.
13. On August 8, 2014 a cement retainer was run to 1105 feet and set.
14. On August 19, 2014 one hundred fifty (150) sacks cement were pumped through the retainer at 1105 feet. No pump pressures were reported.
15. Exhibit 8 is a graphic of assumed current well conditions.

Because of the above reported activities and indicated well conditions at the T. Anderson well # 1, my client objects to the permitting of the Cooper 17 well #1 for disposal use. During the course of all work done to the Anderson #1, no successful casing test was ever accomplished between the packer and bridge plug. The only successful pressure was above the packer and only identified the upper extent of bag casing, not the lower extent. Also, the CIPB currently set at 4300' was not tested, and there is no verification whatsoever that the plug is properly set or is holding properly. There is also no report of the CIPB being capped with the cement, as is common practice. Because the casing is obviously has breeches to the salt, and the salt is well known in this area to be wet, there is no reason to believe that any squeeze resulted in cement staying behind the five and a half inch (5 1/2") production string as would be required to prevent brine flow from the salt. It would also be reasonable to expect that flow could be passing the untested CIPB currently set above the San Andres, potentially resulting in flow to higher productions zones. It is logical that the radioactive log that was ran was to identify TOC; however, no TOC was reported. Considering that original reports suggest this well was cemented from

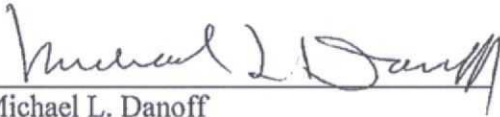
Page 4

6,539 feet in one stage without the use of a multi stage cementing tool, and considering the great extent of five and a half inch (5 1/2") casing that would not test, it would be very reasonable to predict a very poor TOC. Further, this well is located in an area of high pressure secondary recovery efforts (water flooding), which makes casing integrity especially important. Allowing further injection in this area might only increase the likelihood of cross flow and subsequent damage to valuable producing formations in the area, as well as potential damage to the casings in surrounding wells. For the aforementioned reasons, my client provides this notice in protest, and believes that the Cooper 17 well #1 should not be permitted.

Should you need any further information or supporting documentation, please do not hesitate to contact my office. I look forward to hearing from you with regard to this matter.

Very truly yours,

MICHAEL DANOFF & ASSOCIATES, P.C.

A handwritten signature in dark ink, appearing to read "Michael L. Danoff", written over a horizontal line.

Michael L. Danoff

MLD/aal

Enclosures

cc: Dr. Randy Briggs

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2089
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

50. Indicate Type of Lease
State ☐ Fee ☒

51. 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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Horizon Oil & Gas Co.	8. Farm or Lease Name Anderson
3. Address of Operator P.O. Box 7 Spearman, Texas 79081	9. Well No. # 1
4. Location of Well UNIT LETTER <u>D</u> <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>330</u> FEET FROM THE <u>South</u> LINE, SECTION <u>8</u> TOWNSHIP <u>20S</u> RANGE <u>37E</u> NMPL.	10. Field and Pool, or Whelan Monument
11. Elevation (Show whether DF, RT, GR, etc.) GR 3538'	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPER. ☒
CASING TEST AND CEMENT JOB ☒

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1503.

A. Spudded well at 9:30 P.M., 6-30-87.

B. Ran 13 3/8", 48# Surface Casing, set at 250'. Cemented with 260 sx. of class "C" containing 2% CaCl. Cement circulated to surface. Plug down at 9 A.M., 7-1-87. Waited on cement 20 hours. Tested Casing on 7-2-87, to 600#. Held okay.

C. Ran 8 5/8", 24# Protection Casing. Set at 1215'. Cemented with 270 sx. Halliburton Lite cement and 200 sx. class "C" containing 2% CaCl. Cement circulated to surface. Plug down at 2:15 P.M., 7-3-87. Waited on cement 20 hours. Tested Casing on 7-4-87 to 1,000#. Held okay.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed: Curtis E. Covington

Engineer

DATE 6-7-87

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY

TITLE

DATE

JUL 9 1987

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103 -
Revised 10-1-78

<p align="center">SUNDY NOTICES AND REPORTS ON WELLS</p> <p align="center"><small>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.</small></p>		<p>5a. Indicate Type of Lease. State <input type="checkbox"/> Fee <input checked="" type="checkbox"/></p> <p>5. State Oil & Gas Lease No.</p>
1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name	
2. Name of Operator Horizon Oil & Gas Co.	8. Form or Lease Name Anderson	
3. Address of Operator P.O. Box 7 Spearman, Texas 79081	9. Well No. #1	
4. Location of Well UNIT LETTER 0 1980 FEET FROM THE East LINE AND 330 FEET FROM THE South LINE, SECTION 8 TOWNSHIP 20S RANGE 37E	10. Field and Pool, or Wildcat Monument	
15. Elevation (Show whether DF, RT, GR, etc.) GR 3538	12. County Lea	

<p align="center">16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPER. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

A. Ran 5 1/2" - 15.5# casing. Set at 6539'. Cemented with 420 sx. Halliburton Lite cement containing 5#/sk. Gilsonite and 1/4#/sk Flocele, followed by 400 sx class "H" containing 5#/sk Gilsonite and 5#/sk KCL and 6/10 of 12 Hallied Nine. Plug down at 3:50 P.M., 7-31-87. Pressured casing to 1800#. Held okay.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

BY Curtis F. Covington TITLE Engineer DATE 8-6-87

ORIGINAL SIGNED BY JERRY SIXTON DISTRICT 1 SUPERVISOR

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE AUG 13 1987

CONDITIONS OF APPROVAL, IF ANY:



INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 30 days after the completion of any newly-filled or deepened well. It shall be completed by the owner of the well and a summary of all available data recorded, including full test results. All depths, except in the case of directionally drilled wells, from vertical depths shall also be reported, but need not be completed. Form No. 1105 shall be reported by the owner. This form is to be filed in quadruplicate except on state land, where the number one quadruplicate shall be filed.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy	1060	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1220	T. Strawn	T. Kittling-Fruitland	T. Penn. "C"
B. Salt	2295	T. Anoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	2432	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	2742	T. Devonian	T. Menefee	T. Madison
T. Queen	3171	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3470	T. Monloya	T. Mancos	T. McCracken
T. San Andres	3838	T. Simpson	T. Gallup	T. Ignacio Qizte
T. Gilets	5105	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	5170	T. Ellenburger	T. Dakota	T.
T. Hinebry	5590	T. Gr. Wash	T. Morrison	T.
T. Tubb	6305	T. Granite	T. Todile	T.
T. Driskard		T. Delaware Sand.	T. Enrudo	T.
T. Aliso		T. Hot Springs	T. Rincon	T.
T. Wolfcamp		T.	T. Chinle	T.
T. Penn.		T.	T. Permian	T.
T. Clack (Dough C)		T.	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from	5110	to	5230	No. 4, from		to	
No. 2, from	5590	to	5700	No. 5, from		to	
No. 3, from	6350	to	6470	No. 6, from		to	

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	Unknown	to		feet	
No. 2, from		to		feet	
No. 3, from		to		feet	
No. 4, from		to		feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			NOTE: Our rights did not start until Paddock Zone. Geologist on location at 5100'.				
5100	5230	130	Limestone and Shale				
5230	5600	470	Limestone				
5600	5680	80	Limestone and Shale				
5680	5780	100	Limestone, Shale & Sandstone				
5780	6330	550	Limestone and Shale				
6330	6800	470	Limestone, Shale & Sandstone				



Submit 3 Copies To Appropriate District Office:
District I
1625 N. French Dr., Hobbs, NM 88240
District II
311 South First, 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
Revised March 25, 1999

WELL API NO. <u>30-025-29962</u>	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name: <u>Anderson</u>	
8. Well No. <u>1</u>	
9. Pool name or Wildcat <u>San Andres-Glorieta</u>	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>SWD</u>	
2. Name of Operator <u>Smith & Marks Inc.</u>	
3. Address of Operator <u>601 W. Illinois Hobbs NM 88242</u>	
4. Well Location Unit Letter <u>0</u> : <u>330</u> feet from the <u>S</u> line and <u>1980</u> feet from the <u>E</u> line Section <u>8</u> Township <u>20</u> Range <u>37</u> NMPM <u>E</u> County <u>Lin</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.)	

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <u>Convert to SWD & Test</u> <input checked="" type="checkbox"/>

12. 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. OCN R-12375
Notify OCN - Gary Wink, work began 1/25/04
Drig up - remove production equipment
Set CIBP with cement at 5215' / circulate hole test OK
Run in hole with Jaxrells wire line and perforate at several places
4850' to 4375', 4445' to 4595', 4710' to 4725' and 4760' to 4800'
Run in hole with 3 1/2" plastic coated tubing and tension Pkr set at 4271'
Load back hole with Packar Fluid and pressure to 500# - Held good.
Flush tubing with acid water, well on a vacuum.
Pressure test casing to 325# for 1 1/2 hrs. (Chart Attached) Put on Injection
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Edith W. Searcy TITLE Agent DATE 2/8/04

Type or print name: Edith W. Searcy Telephone No. 505-392-2254
(This space for State use)

APPROVED BY Gary W. Wink TIME FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of approval, if any: Feb 20 2006



Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rtg. Dr., Aztec, NM 87410
District IV - (505) 476-3460
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
Revised July 18, 2013

SUNDY 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.)		WELL API NO. 30-025-29962
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other SWD		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator J. Cooper Enterprises		6. State Oil & Gas Lease No. NA
3. Address of Operator Box 55 Monument, NM 88265		7. Lease Name or Unit Agreement Name T. Anderson - SWD
4. Well Location Unit Letter: O 330 feet from the S line and 1980 feet from the E line Section 8 Township 20 Range 37 NMPM County Lea		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRH Number 244835
		10. Pool name or Wildcat Monument SA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMPLETION <input type="checkbox"/>		OTHER <input type="checkbox"/>	
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER <input type="checkbox"/>			

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1. Discovered pressure on backside of SWD. (csg) 6/28/14 Saturday.
2. Immediately shut well in.
3. Notified Silvia Dickey 6/30/14.
4. Have call in for rig to perform remedial work and repair.
5. Will notify OCD when we rig up.
6. Will evaluate as to problem and keep OCD informed, file additional C-103 after work is completed, so OCD can witness test.

JUL 01 2014

RECEIVED

The Oil Conservation Division
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations

Condition of Approval: notify
OCD Hobbs office 24 hours
prior of running MIT Test & Chart

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Eddie Scay

TITLE Agent

DATE 6/30/14

Type or print name
For State Use Only

Eddie Scay

E-mail address: scay04@leuco.net

PHONE: 575-390-2454

APPROVED BY:

Mary Brown

TITLE Dist. Supervisor

DATE 7/1/2014

Conditions of Approval (if any)

JUL 01 2014



Submit Copies To Appropriate District
Office
District 1 1575 3642161
1625 N. French Dr., Bldg. NM 87505
Denton, TX 76205-1284
815 N. 1st St., Suite 100, NM 87501
Denton, TX 76205-1107
1070 S. Beaver Rd., Suite 100, NM 87505
Denton, TX 76205-1107
1220 S. 1st Street, 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
Revised July 15, 2013

WELL API NO

20-025-29962

5. Indicate Type of Lease:

STAFF ☐ FEE ☒

6. State Oil & Gas Lease No

NA

7. Lease Name or Unit Agreement Name

T. Anderson - SWD

8. Well Number

9. OGRID Number 211815

10. Pool Name or Wildcat Monument SA

SUNDRY NOTICES AND REPORTS ON WELLS
(1) NOTICE OF THIS TOPIC FOR PROPOSALS TO DRILL OR TO REEVALUATE OR PLUG BACK TO A
DIFFERENT PRODUCTION WELL OR TO APPLY FOR PERMIT TO DRILL OR TO REEVALUATE SUCH
PROPOSALS

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

2. Name of Operator

3. Cooper Enterprises

4. Address of Operator

Box 55 Mesquite, NM 88264

5. Well Location

Unit Letter O 330 feet from the S line and 1980 feet from the E line

Section 8 Township 20 Range 37 NMPM 1 Lea County 1

6. Elevation above whether DR, RGR, RT, OR etc

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

FULL OR ALTER CASING ☐

DOWN-HOLE COMPLETION ☐

CLOSED LOOP SYSTEM ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

MULTIPLE COMPLET ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒

COMMENCE DRILLING OPERATIONS ☐

CASING CEMENT JOB ☐

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDON ☐

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 19.15.7.14 NM-AC. For Multiple Completions: Attach wellbore diagram of
proposed completion or recompletion

Pressing developed on backside of SWD, well was shut in and OGD notified.

Work began to repair on 7/7/14, a complete description of work attached with schematic.

HOBBS OGD

OCT 01 2014

**Would like to keep well SI pending further work, or P & A.

RECEIVED

SUBMIT - C103 INTENT
FOR Additional Work OR P/A.

Spud Date

Rig Release Date

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE

Eddie W. Seay

TITLE Agent

DATE 9/29/2014

Type or print name Eddie W. Seay

E-mail address: seay04@leaco.net

PHONE: 575-392-2236

For State Use Only

APPROVED BY

Mary Brown

TITLE Dist. Supervisor

DATE 10/1/2014

Conditions of Approval (if any)

OCT 01 2014



J Cooper Enterprises

7-7-2014

Mfru. Tyler Pulling unit nipple down well head and nipple up blow out preventer. OP release packer in 4 hours lay down 12 joints and had holes in 3 of those joints. Shut down over night

J Cooper Enterprises

7-8-2014

Continue trip out of the hole laying down 3 1/2" tubing laid down 35 joints with holes and 107 of good joints. Shut down over night

J Cooper Enterprises

7-9-2014

Unload and rack up joints of 3 1/8" EUE 8rd 9.3# J-55 tubing Pick up arrow set packer trip in hole. Picking up 3 1/2" tubing to 4255' and set packer. Unable to load casing with 100 barrels packer fluid. Shut down over night

J Cooper Enterprises

7-10-2014

Stood by wireline truck from 9:00 am until 12:00 Pick up 2 3/13 profile plug. Tilt and set plug in packer unable to lock plug in packer in 2 runs. Relief arrow set packer trip out of hold with 3 1/2" tubing and packer. SDON

J Cooper Enterprises

7-11-2014

Continue trip in hole with tubing to 4253 and set retrievable breech plug pull up hole and set packer at 4220'. Set packer test RBP to 1000# and lost 120# in 7 min. Move plug to 4237' and set RBP and packer at 4220' and test to 800# and lost 60# in 3 min. drop s.v. and test tubing to 1000# (ok) move RBP to 4220' and set packer at 4183' and test to 1000# and lost 300# in 45 min. Move RBP to 4205' and packer at 4183' and test to 940# and lost 100# in 4 min. Move RBP to 4188' and packer to 4150' and test to 950# and lost 100# in 5 min. Move RBP to 4156' and packer at 4118' and test to 950# and lost 100# in 4 min. Move RBP to 4091' and packer to 4052' and test to 900# and lost 50# in 3 min. Move RBP to 4027' and packer to 3988' test to 950# and lost 100# in 5 min. Move RBP to 3707' and packer to 3668' and test to 1000# and lost 130# in 4 min. Run in hole to 4188 and set RBP pull up hole to 3517' and test to 940# and lost 120# in 5 min. Pull up hole with packer to 2549' and set packer and test to 900# lost



110# in 5 min. PUH with packer to 1582' and test to 1000# lost 1000# in 1 min. RIH with tubing to 1810' and on vacc. At 2 bpm. Run in hole to 2003' and on vacc at 5 bpm. Run in hole to BMT 2132' and set packer test to 940# and lost 100# in 4 min. Pull up hole to 2068' and set packer and on vacc. 2 bpm. RIH and set packer at BMT 2099' and set packer test to 920# lost 90# in 7 min. Pull up hole to 2068' and set packer load casing and test still had leak.

J. Cooper Enterprises

7-14-2014

Anderson #1 SWD

Pull up hole to 1745 set packer and unable to load casing. Pull up hole to 1419 set packer unable to load casing. Trip out of hole with tubing and compression packer. Rig up tension packer. Trip in hole to 1419 and set packer unable to load casing. Release packer PUH to 1096' set packer test casing to 500# and lost 50# in 5 min. Release packer RIH to 1225' and set packer. Test casing to 500# lost 500# in 5 min. PUH to 1159' set packer test casing to 550# for 15 min (ok) Isolate casing leak between (1159'-2099') 940.

J. Cooper Enterprises

7-15-2014

Rig up cased hole Wireline truck Gamma gun and 4 3/4" CIBP. TIH and pull correlation log to 3200' and set CIBP at 4400' TOH rig down wire line. TIH with 3 1/2" IPC tubing. TOH laying down 3 1/2" tubing. Shut down over night

J. Cooper Enterprises

7-16-2014

Shut down.

J. Cooper Enterprises

7-17-2014

Set race tank and half tank lay fire from 8 3/8" to tank

J Cooper Enterprises

7-18-2014

Rig up Basic Energy Services and pump 20 bbl liquid glass and 200 sks. Triaxotropic cement mixed at 14.8 ppg and displace with 23.8 bbl FW. CWI and shut down over night.

J Cooper Enterprises

7-21-2014

Pick up 4 1/2" bit and bit sub. TH with tubing to 1325' and tag cmt. RVP reverse cement and unable to circulate with 100 BFW. TOH with tubing and bit. CWI and shut down over night. Waiting on cement.

J Cooper Enterprises

7-22-2014

Stand by for Basic until 11:00 am. Rig up and pump 20 bbl liquid glass and 200 sks triaxotropic cement mixed at 13.2 ppg and 300 sks. CLS "C" neat cement with 2% cel. Mixed at 4.8 ppg and 12 bbl FW behind wiper plug. All down 5 1/2" casing CWI and SDON.

J Cooper Enterprises

7-23-2014

Nipple down plug head and nipple up BOP. Put up 4 1/2" bit. TH with tubing to 1752' and tag top of cement TOH with tubing and bit. Nipple down BOP and nipple up 5 1/2" plug head. CWI and SDON.

J Cooper Enterprises

7-24-2014

Rig up Basic Energy Services and pump 20 bbl liquid glass and 200 sks triaxotropic cement mixed at 14.7 ppg and 200 sks. CLS "C" neat cement mixed at 14.8 ppg and 100 sks. CLS "C" neat cement mixed at 14.8 ppg and 23% CCL and displaced with 3 BFW behind wiper plug. CWI and SDON.

J Cooper Enterprises

7-25-2014

Nipple down plug head and nipple up BOP. Put up 4 1/2" bit. TH with tubing to 1251' and tag top of cement. Had 1' of fill. Rig up reverse unit. Broke out tubing at 3.9 bpm with 1/2" BPM returns. TOH with tubing and bit. CWI and SDON.

J Cooper Enterprises

7-26-2014

Rig up Basic Energy Services. Pump 20 bbl liquid glass and 200 sks Th xot rop-c mixed at 13.2 ppg and 200 sks Cls "C" neat mixed at 14.8 ppg and 2% CCL Displaced with 8 bbl W brh rat wider plug. CWI and SDON

J Cooper Enterprises

7-28-2014

Nipple down plug head and nipple up BOP. Pull up 4 1/2" bit. TIH with tubing to 1225' and tag cm: top. Rig up reverse unit and load hose with 30 BW. Was losing 1 1/2 bbl while cr. Shut tubing valve and pump into leak at 2 bpm at 300' IOH with tubing and bit. Nipple down BOP and nipple up 5 1/2" plug head. CWI and SDON

J Cooper Enterprises

7-29-2014

Rig up Basic Energy Services. Pump 20 bbl liquid glass and 200 sks Cls "C" with 690 gel and 590 salt and 3 PPS kof-seal mixed at 12.5 ppg and 400 sks Cls "C" neat mixed at 14.8 ppg and 100 sks Cls "C" with 2% CCL mixed at 14.8 ppg 0' to 290' to 0' while pumping cm. Displaced with 6 bbl W. Rig down Basic CWI and SDON

J Cooper Enterprises

7-30-2014

Nipple down plug head and nipple up BOP. Pull up 4 1/2" bit TIH with tubing and tag top of cm at 1225'. Rig up reverse unit and load hose with 18 BW cir. Hose at 2 1/4" bpm with 1 1/2" BBL. Returns shut in for 30 min and look 1/2 bbl to regain or shut in 15 min and look 1/2 bbl to regain cr. IOH with tubing and bit. TIH with open ended tubing to 1274'. CWI and SDON

J Cooper Enterprises

7-31-2014

Rig up Basic Energy Services. Spot 75 SCS Cls "C" neat mixed with 2% ecl at 1224' IOH with tubing load casing with 3 BW. TIH wait 4 hr TIH with tubing and tag cm at 455' TOH. SDON

J Cooper Enterprises

8-1-2014

Pull up 4 3/4" bit and 6-3 1/2" drill collars. TIH with tubing to rig up reverse unit. D.O. good cmt from 455' to 673' (218") cir clean. CWI and SDON

J Cooper Enterprises

8-4-2014

Continue D.O. good cmt from 73' to 897' (224') and cir clean. CWI and SDON

J Cooper Enterprises

8-5-2014

TOH with tubing and bit pull up 4 more 3 1/2" drill collars (total 10) TIH with bit and tubing to 897' Rig up reverse unit. Continue D.O. good cmt to 1108' and cir clean. Test casing to 500# for 10 min (ok) CWI and SDON

J Cooper Enterprises

8-6-2014

Rig up reverse unit. Continue D.O. good cmt from 1108' to 1173' and cir clean. Test casing to 500# for 10 min (ok). Drill to 1205' cir. Clean and test to 510' for 15 min and lost 20# in 15 min. Continue D.O. cmt to 1224 and fell out to 1234' and tag lost cir. Unable to regain with 40 bfw. IOH with tubing bit. SDON

J Cooper Enterprises

8-7-2014

Waiting on cmt.

J Cooper Enterprises

8-8-2014

Stand by for Basic until 10:00 am. Rig up and pump 10 bbl liquid glass and 300 sks. Cls "C" with 6% gel and 5% salt and 3# ppg Kol-seal mixed at 12.5 ppg. 100 sks cls "C" neat mixed at 14.8 ppg and 100 sks Cls "C" with 2% CCL mixed at 14.8 ppg and flushed with 10 BFW. CWI and SDON

J Cooper Enterprises

8-11-2014

Pull up 4 3/4" bit. TIH with tubing to 1228' and tag cmt. TOH with tubing and bit. Pull up 10 3/4" drill collars and bit. TIH with tubing to 1228'. Rig up reverse unit. D.O. to 1234' and test casing to 300# and 500# (ok) D.O. to 1237' and started losing water. Test to 300# and lost to 0# in 2 min. Unable to regain cir. With 40 BFW at 4 bpm sucking .8 bpm. TOH with tubing and bit. SOON

J Cooper Enterprises

8-12-2014

Shut down waiting on cement trucks

J Cooper Enterprises

8-13-2014

Rig up Basic Energy Services and pump 10 bbl liquid glass and 300 sks with 6 % gel and 5% salt and 5# p/s. Kol-Seal and 1/2" Celco flakes mixed at 12.5 ppg and 200 sks Cls "C" with 2% CACL mixed at 14.8' ppg and flushed with 10 BFW. CWI and SOON

J Cooper Enterprises

8-14-2014

WOC

J Cooper Enterprises

8-15-2014

WOC

J Cooper Enterprises

8-16-2014

WOC

J Cooper Enterprises

8-17-2014

WOC

J Cooper Enterprises

8-18-2014

Pull up 4 1/2" bit, 7 ft. with 10 drill collars and tubing to 1207' and tag cmt. Rig up reverse unit D.O. for cmt to 1235' and lost cir. Unable to load hole with 25 BW IOH with tubing and lay down 10 dr T collars. Pul up 5 1/2" cmt retainer T H with tubing to 1105' and set cmt retainer load casing.

J Cooper Enterprises

8-19-2014

Rig up Basic Energy Services. Pump 150 sks C's "C" near mixed at 14.8 ppg thru retainer. Pull out of retainer. Reverse run 1 phl cmt IOH laying down 2 7/8" tubing. Nipple down BOP, NUWH, CW and rig down pulling and lay complete

WELLSBORO SCHEMATIC AND LOG

AP NUM: 30-025-29862
OPERATOR: J. Cooper Enterprises

LEASE NAME: ANDERSON

LOC: 330 FSL

TO: 6000 PBD

DHC: KIS GL 3535

POOL: PERFS 5118-5178

Monument Paddock: OPEN HOLE

FOCL: PERFS 5593-5776

Monument Blinheby: OPEN HOLE

FOCL: PERFS 6362-6371

Monument Tubbs: OPEN HOLE

FOCL: PERFS

OPEN HOLE

CASING RECORD

	SIZE	DEPTH	CHG	TOE SIZE	TOT
SURF.	13 2/8	250	260 SXS	17	Circ
INTER 1	8 5/8	1215	470 SXS	12 1/4	Circ
PROD.	6 1/2	6539	620 SXS	7 7/8	1620 est

Hole 1224 - 1238

Hole in casing 2014 to 2068

SG 492 ft Tag count 1300

Perfs 5118-5178

Perfs 5593-5700

Perfs 5708-5726

Perfs 6362-6371

Perfs 6452-6468 Sqz

Prepared by:

U-PDA ED





J. Cooper Enterprises Inc
Anderson #1 SWD
Unit 0 Sec. 8 TWS 20 R.37E
Lee Co. NM
API # 30-025-29962