

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

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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  
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VIA EMAIL ONLY

Mr. William V. Jones  
1220 South St Francis Drive  
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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 Buggs 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

OCD Case# 15307  
Oasis Water Solutions, LLC  
August 6 2015  
Ex#

- 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 & Mann, 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 Andries". 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 Report 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 Report 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 wipe 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 breaches 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 Andies, potentially resulting in flow to higher production 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

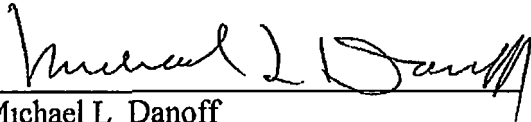
Page 4

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 black ink, appearing to read "Michael L. Danoff", written over a horizontal line.

Michael L. Danoff

MLD/aal

Enclosures

cc     DI Randy Buggs

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

DISTRIBUTION	
DATA FE	
FILE	
USGS	
LAND OFFICE	
OPERATOR	

OIL CONSERVATION DIVISION  
P O BOX 2080  
SANTA FE NEW MEXICO 87501

Form C 103  
Revised 10 1 78

SUNDRY NOTICES AND REPORTS ON WELLS

( O O U E THIS FD W O PPO D ALS TDD OR TO DEC L OR P U D CR TO A DI ERE Y DE CRVDR  
E P CAT O PD PERMIT - (FORM C 101) FOR A CN P OPD ALS )

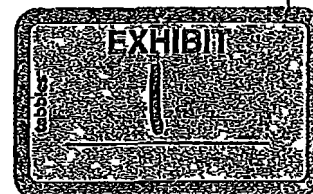
1 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2 Name of Operator Horizon Oil & Gas Co	5 State Oil & Gas Lease No
3 Address of Operator P O Box 7 Spearman Texas 79081	7 Unit Agreement Name
4 Location of Well UNIT LETTER <u>0</u> <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>330</u> FEET FROM T E <u>South</u> L I E SECTION <u>8</u> TOWNSHIP <u>20S</u> RANGE <u>37E</u> NMPM	8 Farm or Lease Name Anderson
	9 Well No # 1
	10 Field and Pool or Whdcat Monument
15 Elevation (Show whether DF RT GR etc ) GR 3538'	12 County Lea

Check Appropriate Box To Indicate Nature of Notice Report or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUS AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERED CASING <input type="checkbox"/>
TEMPORARY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING <input checked="" type="checkbox"/>	PLUS 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"/>	

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 1701

- 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



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

SIGNED Curtis F. Covington TITLE Engineer DATE 6-7-87  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

AND BY

TITLE

DATE

JUL 9 1987

CONDITIONS OF APPROVAL IF ANY:

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NAME	
DISTRIBUTION	
SANTA FE	
FILE	
USO	
LAND OF CE	
OPERATOR	

OIL CONSERVATION DIVISION

P O BOX 2082  
SANTA FE NEW MEXICO 87501

Form C 103  
Revised 10 1 78

SUNDRY NOTICES AND REPORTS ON WELLS		10 Ind of Type of Lease St <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
1 OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/>		5 St to Oil & Gas Lease No
2 Name of Operator Horizon Oil & Gas Co		7 U ti Agr ment Nam
3 Addr of Oper tot P O. Box 7 Spearman, Texas 79081		8 Form or Lease Stamp Anderson
4 Locat n SW 11 17 E 0 1080 East 330 South 8 205 37E		9 Well No #1
15 Elevation (Show w/ Act DF RT GR) GR 3538		10 Fd and Pool or Wildcat Monument
		12 County Lea

Check Appropriate Box To Indicate Nature of Notice Report or Other Data	
NOTICE OF INTENTION TO	SUBSEQUENT REPORT OF
4 FORMER EM I C WOK <input type="checkbox"/>	PL CAN SA DD <input type="checkbox"/>
EM C h3 YAS DO <input type="checkbox"/>	RM JAL W <input type="checkbox"/>
PU C A TER A I S <input type="checkbox"/>	LINE CE DRILLI GPH <input type="checkbox"/>
	CA I C TEST D CEMENT JOB <input checked="" type="checkbox"/>
	H <input type="checkbox"/>

17 Do c r i b e P r o p o s e d o r C o m p l e t e d O p e r a t i o n s ( C l e a r l y s t a t e l l p e r t i n e i d l s a n d g i v e p e r t i n e n t d a t e s i n c l u d i n g e s t i m a t e d d a y s f o r s t a r t i n g y p r o p o s e d w o r k ) S E E R U L E 1 7 0 3

A Ran 5 1/2 - 15 5/4 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 1 1/2" Halled Nine Plug down at 3 50 P M 7-31-87 Pressured casing to 1800# Held okay

18 I n b y n e f y t h e I n f o r m a t i o n b e n e f i t s a n d e m p l o y e e s i n t h e s t a t e a n d t h e u n i o n	
ENC <i>Curtis F. Covington</i>	DATE 8-6-87
Curtis F. Covington	Engineer
ORIGINAL SIGNED BY JERRY SEXTON	
DATE	AUG 13 1987
CONC T O 3 OF P P R O V A L I F A N Y	



# INSTRUCTIONS

The form is to be filled out by the person who has the responsibility for the collection of the data. It is to be filled out by the person who has the responsibility for the collection of the data. It is to be filled out by the person who has the responsibility for the collection of the data.

## INDICATE FORMATION TYPES IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

T Anhy 1060	T Canyon	T Oil Al	T Penn. B
T Sell 1220	T Siwon	T Klion Fruitland	T Penn. C
T Sili 2295	T Ark	T Pictured Cliffs	T Penn. D
T Yate 2432	T His	T Cliff House	T Le dille
T 7 Rivers 2742	T De q fan	T Men fe	T M dis
T Qu en 3171	T Si i	T P i i look ut	T Tlbe t
T C aybu g 3470	T Montoy	T Ma. rs	T McC ck n
T S n Andres 3838	T Simp on	T G il p	T Ign elo Qi te
T Clarieta 5105	T Mc e	T Use Greenlo n	T G anit
T Paddock 5170	T El li s	T D k in	T
T Elmore 5590	T C Wa l	T Mont n	T
T Tubb 6305	T G e te	T Tod tie	T
T Dr nk d	T Dela o e S id	T F urado	T
T Al o	T H y S i p e	T W i t e	T
T Wolfcamp	T	T Chi le	T
T Penn	T	T P emil n	T
T Cl q (H igh C)	T	T Pe n A'	T

## OIL OR GAS SANDS OR ZONES

No 1 from 5110	to 5230	No 4 from	to
No 2 from 5590	to 5600	No 5 from	to
No 3 from 6350	to 6470	No 6 from	to

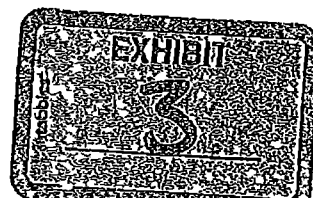
## IMPORTANT WATER SANDS

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 if necessary)

Form	To	Thick in Feet	Formation	From	To	Thick in Feet	Formation
			NOTE Our rights did not start until Paddock Zone (e locist 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 & sand				
5780	6330	550	Limestone and Shale				
6330	6800	470	Limestone Shale & sandst				



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 <b>30 025 29962</b>	
5 Indicate Type of Lease STATE <input type="checkbox"/> FEC <input checked="" type="checkbox"/>	
6 State Oil & Gas Lease No	
7 Lease Name or Unit Agreement Name <b>Anderson</b>	
8 Well No <b>1</b>	
9 Pool name or Wildcat <b>San Andres-Glorieta</b>	
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: <b>Convert to SWD &amp; Test</b> <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 <b>OCD R-12375</b> <b>Not by OCD - Gary Wink work began 1/25/04</b> <b>Drig up - remove production equipment</b> <b>Set CIBP with cement at 5215' / circulate hole test casing, OK</b> <b>Run in hole with Jarralls wire line and perforate at several places 4350 to 4375, 4445 to 4595, 4710 to 4725 and 4740 to 4800</b> <b>Run in hole with 3 1/2" plastic coated tubing and tension Pky out at 4271'</b> <b>Load back to well with Packer Fluid and pressure to 500# - Held good</b> <b>Flush tubing with oil water, well on a vacuum</b> <b>Pressure test casing to 325# for 1 1/2 hrs. (Chart Attached) Put on Injection</b>	

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

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

Type or print name Eddie W. Searcy Telephone No 505 392 2234  
(This space for State use)

APPROVED BY Gary W. Wink TITLE FIELD REPRESENTATIVE / STAFF MANAGER  
Conditions of approval, if any FEB 20 2006





Submit 1 Copy to Appropriate District Office  
District 1 - (505) 393-1111  
1675 N. French Dr. Hobbs, NM 88401  
District 2 - (505) 748-1183  
911 S. Fourth St., Apt. 2, NM 88101  
District 3 - (505) 334-6178  
1002 Rio Brazos Rd. Arice, NM 87410  
District 4 - (505) 476-3460  
120 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 19, 2013

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK OR A  
MULTIPLE ABANDON. USE APPLICATION FOR PLUG BACK (FORM C 101) FOR SUCH  
PROPOSALS.

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

2. Name of Operator

Cooper Enterprises

3. Address of Operator

Box 55 Monument, NM 88465

4. Well Location

Unit Identifier: 0 3 in feet from the S line and 19 in feet from the E line  
Section: 8 Township: 20 Range: 17 NMPM County: Lea

11. Elevation (Show whether DR, RAB, RT, GR, etc.)

WELL API NO  
30-025 29762

5. Indicate Type of Case

SLANT ☐ FEE ☒

6. State Oil & Gas Lease No  
NA

7. Lease Name or Unit Agreement Name

Anderson SWD

8. Well Number

9. OGRID Number 244935

10. Pool name or Wildcat Monument SA

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

NOTICE OF INTENTION TO

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLET ☐

DOWNHOLE COMM NGLE ☐

C/OSEF-LOOP SYSTEM ☐

OTHER ☐

SUBSEQUENT REPORT OF

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS ☐ P AND A ☐

CASING/CEMENT JOB ☐

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 1) 15 7 14 NMAC For Multiple Completions. All such wellbore diagrams of proposed completion or recompletion.

1. Discovered pressure on backside of SWD (csg) 6/24/14 Saturday

2. Immediately shut well in.

3. Notified Silvia Dickey 6/30/14

4. Have call in for hire to perform remedial work and repair

5. Will notify OGI when we rig up.

6. Will evaluate as to problem and keep OGI informed, file additional C 103 after work is completed, so OGI 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  
OGD 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

TITLE

DATE

Type or print name

Eddie Scan

E mail address

scs04@lucio.net

PHONE

575 390-2454

For State Use Only

APPROVED BY

DATE

7/1/2014

Conditions of Approval (if any)

JUL 01 2014



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

Form C 103  
1-1-13

WELL APPLICANT  
(Name)  
Indicate Type of Project  
State Oil & Gas Lease No  
NA

SUNDRY NOTICES AND REPORTS ON WELLS  
FOR THE STATE OF NEW MEXICO  
THE FOLLOWING INFORMATION IS FOR THE RECORD  
AND IS NOT TO BE USED FOR ANY OTHER PURPOSE

1) Type of Well Oil Well Gas Well Other SWD

2) Name of Operator  
J Cooper Enterprises

3) Address of Operator  
Box 55 Mesquite NM 88065

4) Well Location  
Unit 1 of 10 feet from the NW 1/4 of Section 37 Township 37 North Range 37 East

5) Well Number  
10

6) Well Name or Unit Agreement Name  
T. Anderson-SWD

7) O.C.D. Number  
2118

8) Production or Well at Monument in SA

9) Production or Well at Monument in SA

10) Production or Well at Monument in SA

11) Production or Well at Monument in SA

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

NOTICE OF INTENTION TO

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPERATURE ABANDON ☐ CHANGE PLANS ☐

FULL DRAFTER CASING ☐ MULTIPLE COMPLETIONS ☐

DOWNHOLE COVERTING ☐

CLOSURE OF SYSTEM ☐

OTHER ☐

13) Describe proposed or completed operations (clearly state all pertinent details and environmental data including estimated date of starting any proposed work) SET RULE 13.1.1.1. For Multiple Completions Attach wellbore diagram of proposed completion or re-completion

Proposed development on the k.d. of SWD wells is in the NW 1/4 of Section 37

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

\*Would like to keep well in production further work on it & A.

HOBBBS OGA

OCT 01 2014

RECEIVED

SUBMIT - C103 INTENT FOR Additional Work or P/A

Signature of Applicant

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

Signature of State Representative

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Signature of State Representative

Signature of State Representative

J Cooper Enterprises

7 7 2014

Mjru 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 2 313 profile plug Tilt and set plug in packer unable to lock plug in packer in 2 runs Relief arrow set packer trip out of hole 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



30# in 5 min PUH with packer to 1582 and test to 770# in 1 min RIH with tubing to 180 and on vac. At 2 bpm Run in hole to 2009 and on vac at 7 bpm Run in hole to 2132 and set packer to 540# and lost 100# in 1 min Pull up hole to 2068 and set packer and on vac 2 bpm RIH and set packer to 2019 and set packer test to 970# set 90# in 7 min Pull up hole to 2069 and set packer load casing and test still had leak

Cooper Enterprises

7-4-2011

Arde sun in SVD

Pull up hole to 1745 set packer and unable to load casing Pull up hole to 49 set packer unable to load casing Trip out of hole with tubing and compression packer Rig up casing and packer Trip in hole to 1419 and set packer unable to load casing Release packer PUH to 096 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 RIH to 1159 set packer test casing to 500# for 15 min (ok) Isolate casing leak between (1159-2094, 940)

Cooper Enterprises

7-15-2014

Rig up cased pipe Wireline truck Camma gun and 3/1 CIBP TIH and pull correfat on log to 3200 and set CIBP at 4470' TOH rig down wireline TIH and 3/1 CIBP tubing TOH in 3/1 tubing Shut down well

Cooper Enterprises

7-16-2014

Shut down

Cooper Enterprises

7-17-2014

Set rat tank and half tank lay pipe from 8-1/8" to tank

J Cooper Enterprises

7/18/2014

Rig Baseline Energy Services and put up 20 bbl liquid glass and 200 sks Triprop cement mixed at 14 spg and displaced 238 bbl CWI and shut down overnight

J Cooper Enterprises

7/21/2014

Pick up 1 1/2" bit and bit sub 11H with tubing to 1325 and cement RHP reverse unit and grab to circulate with 100 BFW TOH with tubing and bit CWI and shut down overnight waiting on truck

J Cooper Enterprises

7/22/2014

Stand by for Bask until 11:00 am. Rig up and put up 20 bbl liquid glass and 200 sks Triprop cement mixed at 13.2 spg and 1300 sks C/S Cement with 7% CCL mixed at 4.8 spg and 12 bbl BFW behind wider plug CWI and SDON

J Cooper Enterprises

7/23/2014

Nipple down plug head and nipple up BOP. Put up 1 1/2" bit 11H with tubing to 1252 and tag top of cement TOH with tubing and bit. Nipple down BOP and nipple up 1 1/2" plug head CWI and SDON

Cooper Enterprises

7/24/2014

Rig Baseline Energy Services and put up 20 bbl liquid glass and 200 sks Triprop cement mixed at 13.7 spg and 200 sks C/S Cement mixed at 11.8 spg and 130 sks C/S Cement mixed at 1.8 spg and 2% CCL and displaced with 3 BFW behind wider plug CWI and SDON

J Cooper Enterprises

7/25/2014

Nipple down plug head and nipple up BOP. Put up 1 1/2" bit 11H with tubing to 1251 and tag top of cement had 1 of fill rig up reverse unit. Broke out tubing at 391 pm with 1 bbl more units TOH with tubing and bit CWI and SDON

J Cooper Enterprises

2010

Rig Up Basic Energy Services Pump 20 bbl liquid glass and 200 sks Cls C neat mixed w 13.2 ppg and 200  
sks Cls C neat mixed w 14.8 ppg and 28 CCL Displaced with 4 B/W in 100 plug (V laid 500)

J Cooper Enterprises

7/28/2011

Rig up Basic Energy Services Pump 20 bbl liquid glass and 200 sks Cls C neat mixed w 13.2 ppg and 200  
sks Cls C neat mixed w 14.8 ppg and 28 CCL Displaced with 4 B/W in 100 plug (V laid 500)

J Cooper Enterprises

7/29/2011

Rig up Basic Energy Services Pump 20 bbl liquid glass and 200 sks Cls C neat mixed w 13.2 ppg and 200  
sks Cls C neat mixed w 14.8 ppg and 28 CCL Displaced with 4 B/W in 100 plug (V laid 500)

J Cooper Enterprises

7/30/2011

Rig up Basic Energy Services Pump 20 bbl liquid glass and 200 sks Cls C neat mixed w 13.2 ppg and 200  
sks Cls C neat mixed w 14.8 ppg and 28 CCL Displaced with 4 B/W in 100 plug (V laid 500)

J Cooper Enterprises

7/31/2011

Rig up Basic Energy Services Pump 20 bbl liquid glass and 200 sks Cls C neat mixed w 13.2 ppg and 200  
sks Cls C neat mixed w 14.8 ppg and 28 CCL Displaced with 4 B/W in 100 plug (V laid 500)

J Cooper Enterprises

8-1-2014

Pull up 4 1/4" bit and 6 3/4" 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

Stood 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.

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J Cooper Enterprises

8 11 2014

Pull up 4 3/4" bit T/H with tubing to 1228 and tag cmt TOH with tubing and bit Pull up 10 3 1/2" drill collars and bit T/H 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 or With 40 BFW at 4 bpm sucking 8 bpm TOH with tubing and bit SDON

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 SDON

J Cooper Enterprises

8 14 2014

WOC

J Cooper Enterprises

8 15 2014

WOC

J Cooper Enterprises

8 16 2014

WOC



J Cooper Enterprises

8/7/2011

WOC

J Cooper Enterprises

4/18/2011

Pull up 1" bit on hole, 10" collar and sub to 120' and tag cement. Rig up and set bit 10' far  
cmt to 235 and lost cir. Unable to load hole with 2 3/8" JOH with tubing and key down. Drill collar  
pull up 5' cmt replace TH with tubing to 110' and cement remaining for casing.

J Cooper Enterprises

8/19/2014

Rig up basic Energy Services Pump 1500 x 5 x 5" C. near mixed at 148 ppg thru returner. Full out of  
returner. Reverse run 10' cmt JOH and key down 2 7/8" tubing. Run down BOP. HATCH CV and rig  
casing pulling in to 10' cmt.

**COMPLETION SCHEMATIC**

AP AUFF 130-025-29962  
OP-RATCF J Cooper Enterprises  
LEASE/HF AT DERSON

CATCH	JL	O	SE	B	N	20S	FV	EL-TO	37E
	330	FSL				SBS	FEL		
DHC	CL	1535							

PCOL 5110 5170  
Monument Paddock OPEN HOLE  
POOL PLATS E 93-5770  
Monument Lineby OPEN HOLE  
PCO PERFS 6362-6460  
Monument Tubbs OPEN HOLE  
POOL PERFS  
OPEN HOLE

CEMENT RETAIN 1105 & 150 m

	SIZE	DEPTH	CIT	H <sup>2</sup> + FLE	TCD
SUR	13 2.8	250	260 x8	17	Giro
INT R T	8 5.8	1215	470 sxs	12 1 4	Giro
PROD	6 1/2	6539	620 sxs	7 7/8	EJO est

13.33 @ 250

PUS F 1(EO)

8-5 @ 1215

Mole 1224 & 1238

OC 1600 est

H was in loss ag 2014 to 2069  
sq 495 ix Tag count 1300

cib+ 4300  
Pdc from 4350 to 4800

Perfs 5118 178

Perfs 5-93 5700

Perfs 570B 726

Perfs 6362-6371

Perfs 6-52-6468 Sqz

1512 @ 6, D

PRE-ARDBT U DA FD



J. Cooper Enterprises Inc

Anderson #1 SWD

Unit 0 Sec. 8 T4N3 20 R.37E

Lea Co. NM

API # 3(14)75 22962

