

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 Rio Brazos Rd., 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

Form C-103  
 Revised July 18, 2013

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

WELL API NO.	30-015-25206
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name EAST MILLMAN 12 STATE COM	
8. Well Number	1
9. OGRID Number	7377
10. Pool name or Wildcat TURKEY TRACK; MORROW (GAS)	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3389' GR	

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

2. Name of Operator  
EOG RESOURCES INC

3. Address of Operator  
PO BOX 2267 MIDLAND, TX 79702

4. Well Location  
 Unit Letter N : 760 feet from the SOUTH line and 2180 feet from the WEST line  
 Section 12 Township 19S Range 28E NMPM County EDDY

12. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <b>AMENDED</b> <input type="checkbox"/>	OTHER: <input type="checkbox"/>

Notify OCD 24 hrs. prior to any work  
 done. gilbert.cordero@emnrd.nm.gov

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.

EOG HAS AN APPROVED NOI FOR THIS WELL HOWEVER WHEN PULLING THE ORIGINAL EQUIPMENT OUT OF THE HOLE, IT WAS DETERMINED THAT THE WELL HAS 3.5" CSG THAT WOULD REQUIRE A WORK STRING. WE ARE AMENDING THE ORIGINAL APPROVED NOI TO SET A CIBP AND DUMP BAIL CEMENT. REFERENCE ATTACHED PROCEDURE.

CURRENT AND PROPOSED WELLBORE DIAGRAMS HAVE BEEN UPDATED AND ATTACHED ALONG WITH A SUPPLEMENTAL SECTION SHOWING THE WORK COMPLETED IN 2003 REFERENCEING THE 3.5" CSG.

Spud Date:

03/13/1985

Rig Release Date:

\*\*\*\*SEE ATTACHED COA's\*\*\*\*

MUST BE PLUGGED BY 4/1/2024

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

SIGNATURE KAY MADDOX TITLE SENIOR REGULATORY SPECIALIST DATE 05/08/2024

Type or print name Kay Maddox E-mail address: kay\_maddox@eogresources.com PHONE: 432-638-8475

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Manager DATE 5/23/24

Conditions of Approval (if any):



East Millman 12 State COM #1 – P&A Procedure

N-12-19S-28E

API # 30-015-25206

EOG WILL PRE-PLUG THIS WELL APPROX 6/15/2024 - WITHIN 90 DAYS  
THE PLUGGING RIG WILL MOVE IN AND PLUG THIS WELL

Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.

ND WH, NU BOP.

Unset Anchor, POOH and LD 2.0625" TBG.

MIRU WL to set 3.500" CIBP

RIH WL set 3.500" CIBP at 10900 TAG.

Dump bail 35' of Class H on 3.500" CIBP

MIRU P&A Rig, RIH with 1.500" PH6 WS, TAG TOC

Circulate plugging mud and pressure test 500 psi for 30 minutes.

Run CBL to surface

Pick up, set balanced plug w/ 25 sx Class H from 8817 to 8611 for Wolfcamp Formation.

Pick up, perf @ 6725 and squeeze and balance w/ 25 sx Class C as part of TOC from CBL. 6725 to 6473. WOC and TAG.

Pick up, perf @ 3374 and squeeze and balance w/ 25 sx Class C for 3000' spacing rule and Bone Spring formation. 3374 to 3122. WOC and TAG.

Pick up, perf @ 3051 and squeeze and balance w/ 40 sx Class C for -50' Intermediate Shoe and Cherry formation. 3051 to 2650. WOC & TAG.

Pick up, perf @ 2550 and squeeze and balance w/ 25 sx Class C for San Andres formation. 2550 to 2300. WOC & TAG.

Pick up, perf @ 1740 and squeeze and balance w/ 25 sx Class C for Queen formation. 1740 to 1490. WOC & TAG.

Pick up, perf @ 842 and squeeze and balance w/ 25 sx Class C for Yates formation. 842 to 590. WOC & TAG.

Pick up, perf @ 450 and squeeze and balance to circulate cement to surface

*If Needed*, Pick up, perf @ 200 and squeeze and balance to circulate cement to surface

Cut off WH 3' below surface, verify cement to surface, and weld on P&A marker.

Cut off anchors 3' below surface and clean location.

## Supplemental Reports:

Parted 5.500" Casing from 2760 to 2765 (07/20/2003)

07/20/2003 Please Select SHUT DOWN - EVALUATING CASING						
PERC						
	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	08:00	09:30	1.5			LOWER TBG W/ 4 3/4" O.D. SWEDGE FROM 2670' TO 3410'. TOO H AND LAID DOWN SWEDGE, JARS, BUMPER SUB AND 2 3/8" O.D. STINGER. SWEDGE DID NOT DRAG.
	09:30	10:30	1			RIG UP BAKER ATLAS TO RUN CASING INSPECTION LOG AND CBL.
	10:30	14:00	3.5			RAN MICRO VERTILOG FROM 7811' TO SURFACE. FIELD RESULTS INDICATED THE FOLLOWING: 1). 5 1/2" O.D. CASING IS PARTED FROM 2760-65' - NO METAL THROUGHOUT THIS AREA, 2) SEVERE OUTSIDE CORROSION ON 5 1/2" O.D. CASING FROM 2690' TO 5000'; SCATTERED PITTING FROM 5000' TO 6100'. PIPE FROM 6100' TO 7811 AND FROM SURFACE TO 2690' APPEARS OKAY & 3) SMALL AMOUNT OF INTERNAL CORROSION, MAINLY FROM 3200 - 3230'.
	14:00	17:30	3.5			BY BAKER ATLAS: RAN CBL FROM 6400' TO 7811'. TOP OF CEMENT = 6710'. RIG DOWN BAKER ATLAS, CWI AND SHUT DOWN. PREPARE TO EVALUATE CASING INSPECTION LOG.

3.500" 9.3# P-110 Casing run inside of 5.500" 17.0# Casing (08/03/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	08:00	13:00	5			FINISH RUNNING 3 1/2" O.D., P-110, 9.3#, 8RD, EUE CASING. TAG AT 11,236'. RAN A TOTAL OF 355 JOINTS OF CASING (48 JOINTS OF THE 355 JOINTS WAS EXTERNALLY WRAPPED W/ ICO PERMIAN'S "RYTE WRAP") 1 - 3 1/2" O.D. X 8' CSG SUB, 1 - 3 1/2 O.D. FLOAT GUIDE SHOE & 1 - 3 1/2" O.D. X 1.23' FLOAT COLLAR W/ INSERT LATCH FOR WIPER PLUG.
	13:00	14:30	1.5			LAND CASING W/ 3 1/2" X 7 1/16" EXTENDED NECK HANGER INTO 7 1/16" X 5000' HEAD. ATTEMPT TO REMOVE LANDING JOINT SCREWED INTO EXTENDED NECK HANGER. WOULD NOT UNSCREW. THREADS GAULDED. LAID DOWN LANDING JOINT W/ EXTENDED NECK HANGER.
	14:30	16:00	1.5			WITH FLOAT GUIDE SHOE AT 11,235', FLOAT COLLAR AT 11,201' & 48 JOINTS (1514.02' OF EXTERNALLY WRAPPED CASING W/ ICO PERMIAN'S "RYTE WRAP" ) SPACED FROM 2547' TO 4061', DISPLACED HOLE W/ 230 BBLS OF 3% KCL WATER, PUMPING 4 BPM AT 1410#. CWI AND SDON. PREPARE TO REPLACE EXTENDED NECK HANGER AND CEMENT 3 1/2" O.D. CASING.
	16:00		0			

## Cemented 3.500" Casing to Surface (08/04/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
	09:30	12:00	2.5			BY HALLIBURTON: DISPLACED 3 1/2" O.D. CASING VOLUME W/ 100 BBLS OF 3% KCL WATER W/ 1350# AT 3.5 BPM, PUMPED 75 BBLS OF 3% KCL WATER CONTAINING 150 SCF OF NITROGEN PER BBL W/ 1440# AT 3.8 BPM, , PUMPED 10 BBL FRESH WATER SPACER W/ 1440# AT 4.0 BPM AND CEMENTED AS FOLLOWS: MIXED & PUMPED 250 SX PREMIUM CEMENT + 3% ECONOLITE + 5# SALT/SX, + 0.2 HR-5 OF LEAD CEMENT (11.4 PPG / 2.95 YIELD) FROM 1440# TO 75# AT 4.0 BPM FOLLOWED W/ 150 SX SUPER "H" CEMENT + 0.5% HALAD-344, 0.4% CFR-3, + 1.0 # SALT/SX + 0.1 HR-5 AS TAIL CEMENT (13.4 PPG & 1.53 YIELD) W/ 75# AT 4.0 BPM. SHUT DOWN, WASH LINES W/ SUGAR WATER, INSERT PLUG IN CEMENTING HEAD AND PUT 5# SUGAR MIXED IN 2 1/2 GAL FRESH WATER ON TOP OF PLUG. PUMPED 500 GALLONS OF 10% ACETIC ACID + ADDITIVES W/ 45# AT 3.5 BPM & DISPLACED CEMENT IN 3 1/2" O.D. CASING W/ 3% KCL WATER AS FOLLOWS: DISPLACED 40 BBLS OF CEMENT FROM 45# TO 1700# AT 3.5 BPM, DISPLACED 20 BBLS OF CEMENT FROM 1700-2350# AT 3 BPM AND DISPLACED THE REMAINING 25.5 BBLS OF CEMENT FROM 2000# TO 3000# AT 2 BPM. PRESSURED UP TO 3800# TO LATCH PLUG IN FLOAT COLLAR AT 11,201'. PLUG DOWN AT 11:40 A.M., 8-3-03. RELEASE PRESSURE AND FLOAT HELD. CIRCULATED 10 SX OF CEMENT TO PIT. (TOTAL VOLUME OF CEMENT = 172 BBLS)
	12:00	13:30	1.5			RIG DOWN HALLIBURTON. INSTALL 3 1/8" X 5000# WELL HEAD. TEST SEAL TO 5000# AND HELD OKAY. CWI. WOC.

## 3.500" CIBP set at 11,065 with 35' of dump bailed cement, PBDT 11,030 (11/15/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	07:00	08:00	1			AFTER SD 20 HRS. TP = 240#. BLED OFF PRESSURE.
	08:00	12:30	4.5			RIG UP BAKER ATLAS. RAN 2.75" O.D. GAUGE RING AND JUNK BASKET TO 11,100'. WAIT ON CONNECTION TO SET CIBP.
	12:30	14:30	2			TIH W/ 3 1/2", 10 K, CIBP AND SET AT 11,065' TO CAP OFF PERF'S 11086-098'.
	14:30	16:00	1.5			LOAD 3 1/2" O.D. CASING W/ 90 BBLS OF 3% KCL WATER. TEST CASING AND CIBP TO 2500# AND HELD OKAY.
	16:00	18:00	2			BY BAKER ATLAS: PLACE 35' OF CEMENT ON CIBP W/ DUMP BAILER FOR A PBDT OF 11,030'
	18:00	07:00	13			WELL SHUT DOWN. PREPARE TO SWAB FLUID DOWN TO 9500' AND PERFORATE UPPER MORROW ZONE.



**State of New Mexico**  
**Energy, Minerals and Natural Resources Department**  
**Oil Conservation Division**  
**Standard Plugging Conditions**



This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
  - North Contact, Monica Kuehling, 505-320-0243, [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)
  - South Contact, Gilbert Cordero, 575-626-0830, [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov)
2. A Cement Bond Log is required to ensure strata isolation of producing formations, protection of water and correlative rights. A CBL must be run or be on file that can be used to properly evaluate the cement behind the casing.

Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.
4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
  - North, water or mud laden fluids
  - South, mud laden fluids
6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.
7. Class of cement shall be used in accordance with the below table for depth allowed.

Class	TVD Lower Limit (feet)
Class A/B	6,000
Class I/II	6,000
Class C or III	6,000
Class G and H	8,000
Class D	10,000

Class E	14,000
Class F	16,000

8. After cutting the well head any “top off cement jobs” must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.
9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD C-133 permit.
  - A copy of this permit shall be available in each truck used to haul waste products.
  - It is the responsibility of the Operator and Contractor to verify that this permit is in place prior to performing work.
  - Drivers shall be able to produce a copy upon request of an OCD Compliance Officer.
10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.
11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.
12. Produced water or brine-based fluids **may not** be used during any part of plugging operations without **prior OCD approval**.
13. Cementing;
  - All cement plugs will be neat cement and a minimum of 100’ in length. 50’ of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
  - If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50’ below the formation top and the cement retainer shall be set no more than 50’ from the perforations.
  - WOC (Wait on Cement) time will be:
    - 4 hours for accelerated (calcium chloride) cement.
    - 6 hours on regular cement.
  - Operator must tag all cement plugs unless it meets the below condition.
    - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
  - If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
    - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
  - Cement can only be bull-headed with specific prior approval.
  - Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.
14. A cement plug is required to be set from 50’ below to 50’ above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
  - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than

50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are not straddling a formation top, may be set using a bailer with a minimum of 35' of cement in lieu of the 100' plug. The bridge plug or retainer must be set within 50ft of the perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind the casing, a 30-minute minimum wait time will be required immediately after perforating to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. If gas is detected contact the OCD office for directions.

15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.

16. Formation Tops to be isolated with cement plugs, but not limited to are:

- Northwest See Figure A
- South (Artesia) See Figure B
- Potash See Figure C
  - In the R-111-P (Or as subsequently revised) Area a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
- South (Hobbs) See Figure D1 and D2
- Areas not provided above will need to be reviewed with the OCD on a case by case basis.

17. Markers

- Dry hole marker requirements 19.15.25.10.  
The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:
  1. Operator name
  2. Lease name and well number
  3. API number
  4. Unit letter
  5. Section, Township and Range
- AGRICULTURE (Below grade markers)  
In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;
  - A) Aerial photo showing the agricultural area
  - B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: A below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.



Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
  - 1. Bell Canyon
  - 2. Cherry Canyon
  - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

## Figure C

## Potash Area R-111-P

## T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All  
except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

## T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23.  
Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

## T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec  
10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec  
24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32  
Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

## T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

## T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec  
23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit  
A-H. Sec 36 Unit B-G.

## T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.  
Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

## T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.  
Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

## T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec  
23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

## T 21S – R 30E

Sec 1 – Sec 36

## T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit

A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25

Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit

A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33

Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit

A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec

33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P.

Sec 16 Unit

I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec

34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.

Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O, P. Sec 10 Unit B – G, K – N. Sec

35 Unit E – P. Sec 36 Unit E, K, L, M, N.

T 25S – R 31E

Sec 1 Unit C, D, E, F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

Figure D1 Map

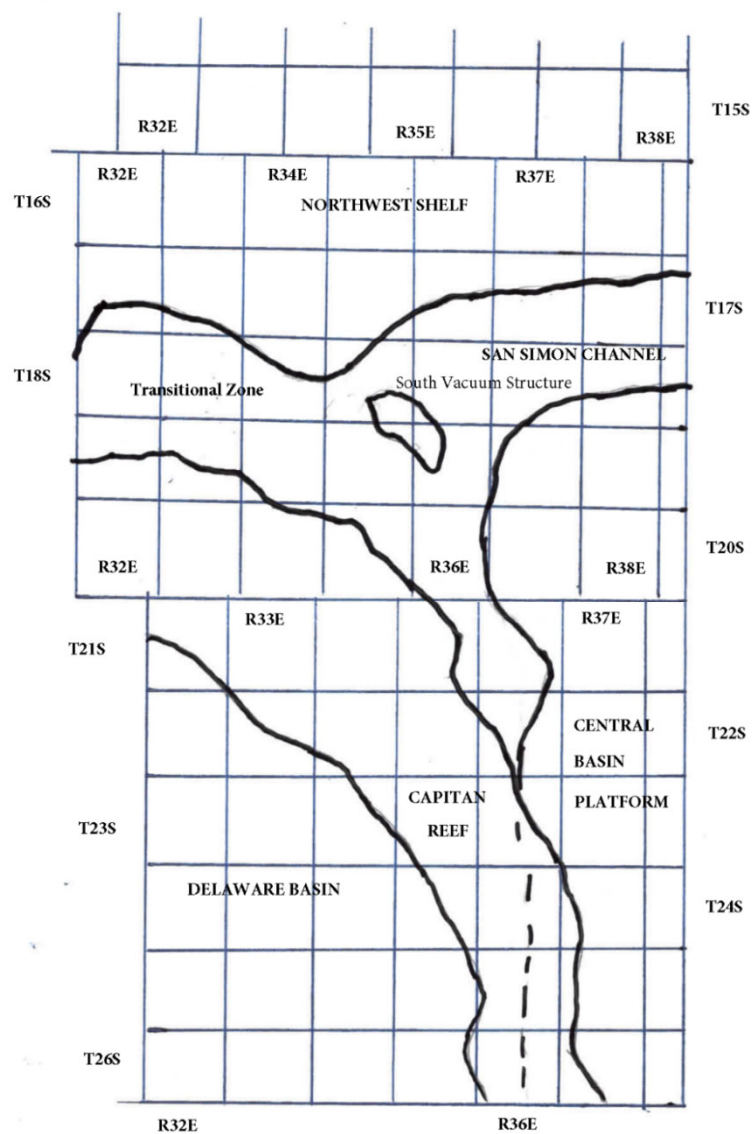


Figure D2 Formation Table

100' Plug to isolate upper and lower fresh water zones (typically 250' to 350')						
Northwest Shelf	Captan Reef Area	Transition Zone	San Simon Channel	South Vacuum Structure	Delaware Basin	Central Basin Platform
Granit Wash (Detrital basement material and fractured pre-Cambrian basement rock)	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	Granit Wash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives).
Montoya	Mississippian	Atoka	Morrow	McKee	Morrow	Ellenburger
Fusselman	Morrow	Strawn	Wolfcamp	Siluro-Devonian	Atoka	Connell
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	McKee
Chester	Pennsylvanian	Wolfcamp	Delaware	Barnett Shale	Lower Wolfcamp	Simpson Group
Austin	Wolfcamp	Bone Spring	San Andres	Morrow	Upper Wolfcamp	Montoya
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	Wolfcamp	Fusselman
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand (Top of Wolfbone)	Silurian
Atoka	Queen, if present	Grayburg-San Andres	Base of Salt	Canyon	First Bone Spring Sand (Top of Lower Bone Spring)	Devonian
Lower Pennsylvanian	Bone Spring	Queen	Rustler	Pennsylvanian	Bone Spring	Strawn
Cisco-Canyon	Delaware	Seven Rivers		Blinbry	Brushy Canyon	Pennsylvanian
Pennsylvanian	Base Capitan Reef	Yates		Bone Spring	Delaware (Base of Salt)	Wolfcamp
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo
Wolfcamp	Yates	Rustler		Queen		Abo Reef
Abo	Top Capitan Reef			Base of Salt		Drinkard
Abo Reef, if present	Base of Salt			Rustler		Tubb
Yeso (Township 15 South to Township 17 South)	Rustler					Blinbry
Drinkard or Lower Yeso (Township 15 South to Township 17 South)						Paddock
Tubb (Township 15 South to Township 17 South)						Glorieta
Blinbry (Township 15 South to Township 17 South)						San Andres
Paddock (Township 15 South to Township 17 South)						Grayburg
Glorieta						Grayburg-San Andres
San Andres						Queen
Queen (Township 15 South to Township 17 South)						Seven Rivers
Seven Rivers (Township 15 South to Township 17 South)						Yates
Yates (Township 15 South to Township 17 South)						Base of Salt
Base of Salt						Rustler
Rustler						





East Millman 12 State COM #1 – P&A Procedure

N-12-19S-28E

API # 30-015-25206

EOG WILL PRE-PLUG THIS WELL APPROX 6/15/2024 - WITHIN 90 DAYS  
THE PLUGGING RIG WILL MOVE IN AND PLUG THIS WELL

1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.
2. ND WH, NU BOP.
3. Unset Anchor, POOH and LD 2.0625" TBG.
4. MIRU WL to set 3.500" CIBP
5. RIH WL set 3.500" CIBP at 10900 TAG.
6. Dump bail 35' of Class H on 3.500" CIBP
7. MIRU P&A Rig, RIH with 1.500" PH6 WS, TAG TOC
8. Circulate plugging mud and pressure test 500 psi for 30 minutes.
9. Run CBL to surface
10. Pick up, set balanced plug w/ 25 sx Class H from 8817 to 8611 for Wolfcamp Formation.
11. Pick up, perf @ 6725 and squeeze and balance w/ 25 sx Class C as part of TOC from CBL. 6725 to 6473. WOC and TAG.
12. Pick up, perf @ 3374 and squeeze and balance w/ 25 sx Class C for 3000' spacing rule and Bone Spring formation. 3374 to 3122. WOC and TAG.
13. Pick up, perf @ 3051 and squeeze and balance w/ 40 sx Class C for -50' Intermediate Shoe and Cherry formation. 3051 to 2650. WOC & TAG.
14. Pick up, perf @ 2550 and squeeze and balance w/ 25 sx Class C for San Andres formation. 2550 to 2300. WOC & TAG.
15. Pick up, perf @ 1740 and squeeze and balance w/ 25 sx Class C for Queen formation. 1740 to 1490. WOC & TAG.
16. Pick up, perf @ 842 and squeeze and balance w/ 25 sx Class C for Yates formation. 842 to 590. WOC & TAG.
17. Pick up, perf @ 450 and squeeze and balance to circulate cement to surface
18. *If Needed*, Pick up, perf @ 200 and squeeze and balance to circulate cement to surface
19. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.
20. Cut off anchors 3' below surface and clean location.

## Supplemental Reports:

Parted 5.500" Casing from 2760 to 2765 (07/20/2003)

07/20/2003 Please Select SHUT DOWN - EVALUATING CASING						
PERC						
	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	08:00	09:30	1.5			LOWER TBG W/ 4 3/4" O.D. SWEDGE FROM 2670' TO 3410'. TOO H AND LAID DOWN SWEDGE, JARS, BUMPER SUB AND 2 3/8" O.D. STINGER. SWEDGE DID NOT DRAG.
	09:30	10:30	1			RIG UP BAKER ATLAS TO RUN CASING INSPECTION LOG AND CBL.
	10:30	14:00	3.5			RAN MICRO VERTILOG FROM 7811' TO SURFACE. FIELD RESULTS INDICATED THE FOLLOWING: 1). 5 1/2" O.D. CASING IS PARTED FROM 2760-65' - NO METAL THROUGHOUT THIS AREA, 2) SEVERE OUTSIDE CORROSION ON 5 1/2" O.D. CASING FROM 2690' TO 5000'; SCATTERED PITTING FROM 5000' TO 6100'. PIPE FROM 6100' TO 7811 AND FROM SURFACE TO 2690' APPEARS OKAY & 3) SMALL AMOUNT OF INTERNAL CORROSION, MAINLY FROM 3200 - 3230'.
	14:00	17:30	3.5			BY BAKER ATLAS: RAN CBL FROM 6400' TO 7811'. TOP OF CEMENT = 6710'. RIG DOWN BAKER ATLAS, CWI AND SHUT DOWN. PREPARE TO EVALUATE CASING INSPECTION LOG.

3.500" 9.3# P-110 Casing run inside of 5.500" 17.0# Casing (08/03/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	08:00	13:00	5			FINISH RUNNING 3 1/2" O.D., P-110, 9.3#, 8RD, EUE CASING. TAG AT 11,236'. RAN A TOTAL OF 355 JOINTS OF CASING (48 JOINTS OF THE 355 JOINTS WAS EXTERNALLY WRAPPED W/ ICO PERMIAN'S "RYTE WRAP") 1 - 3 1/2" O.D. X 8' CSG SUB, 1 - 3 1/2" O.D. FLOAT GUIDE SHOE & 1 - 3 1/2" O.D. X 1.23' FLOAT COLLAR W/ INSERT LATCH FOR WIPER PLUG.
	13:00	14:30	1.5			LAND CASING W/ 3 1/2" X 7 1/16" EXTENDED NECK HANGER INTO 7 1/16" X 5000' HEAD. ATTEMPT TO REMOVE LANDING JOINT SCREWED INTO EXTENDED NECK HANGER. WOULD NOT UNSCREW. THREADS GAULDED. LAID DOWN LANDING JOINT W/ EXTENDED NECK HANGER.
	14:30	16:00	1.5			WITH FLOAT GUIDE SHOE AT 11,235', FLOAT COLLAR AT 11,201' & 48 JOINTS (1514.02' OF EXTERNALLY WRAPPED CASING W/ ICO PERMIAN'S "RYTE WRAP" ) SPACED FROM 2547' TO 4061', DISPLACED HOLE W/ 230 BBLS OF 3% KCL WATER, PUMPING 4 BPM AT 1410#. CWI AND SDON. PREPARE TO REPLACE EXTENDED NECK HANGER AND CEMENT 3 1/2" O.D. CASING.
	16:00		0			

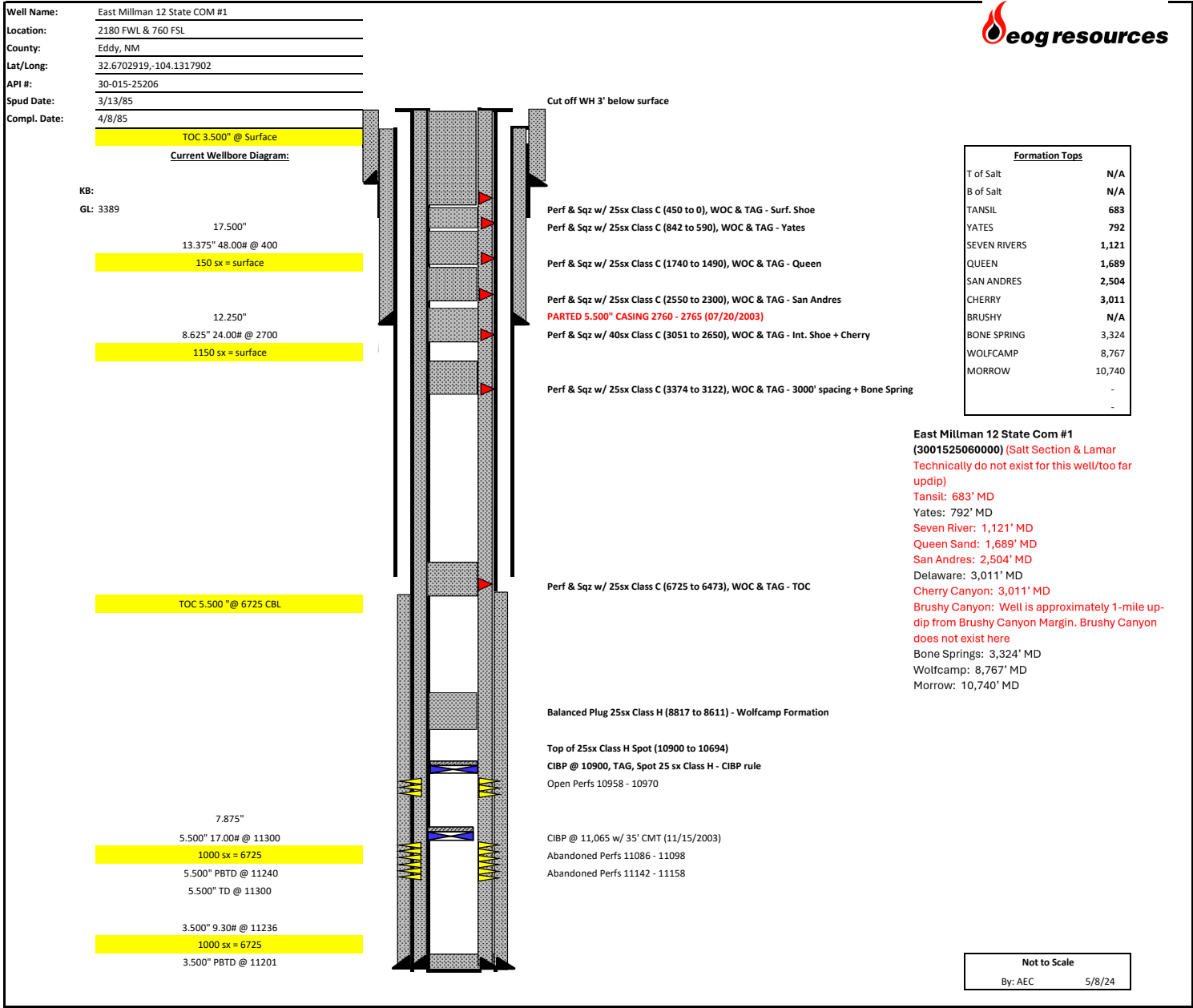
## Cemented 3.500" Casing to Surface (08/04/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
	09:30	12:00	2.5			BY HALLIBURTON: DISPLACED 3 1/2" O.D. CASING VOLUME W/ 100 BBLS OF 3% KCL WATER W/ 1350# AT 3.5 BPM, PUMPED 75 BBLS OF 3% KCL WATER CONTAINING 150 SCF OF NITROGEN PER BBL W/ 1440# AT 3.8 BPM, , PUMPED 10 BBL FRESH WATER SPACER W/ 1440# AT 4.0 BPM AND CEMENTED AS FOLLOWS: MIXED & PUMPED 250 SX PREMIUM CEMENT + 3% ECONOLITE + 5# SALT/SX, + 0.2 HR-5 OF LEAD CEMENT (11.4 PPG / 2.95 YIELD) FROM 1440# TO 75# AT 4.0 BPM FOLLOWED W/ 150 SX SUPER "H" CEMENT + 0.5% HALAD-344, 0.4% CFR-3, + 1.0 # SALT/SX + 0.1 HR-5 AS TAIL CEMENT (13.4 PPG & 1.53 YIELD) W/ 75# AT 4.0 BPM. SHUT DOWN, WASH LINES W/ SUGAR WATER, INSERT PLUG IN CEMENTING HEAD AND PUT 5# SUGAR MIXED IN 2 1/2 GAL FRESH WATER ON TOP OF PLUG. PUMPED 500 GALLONS OF 10% ACETIC ACID + ADDITIVES W/ 45# AT 3.5 BPM & DISPLACED CEMENT IN 3 1/2" O.D. CASING W/ 3% KCL WATER AS FOLLOWS: DISPLACED 40 BBLS OF CEMENT FROM 45# TO 1700# AT 3.5 BPM, DISPLACED 20 BBLS OF CEMENT FROM 1700-2350# AT 3 BPM AND DISPLACED THE REMAINING 25.5 BBLS OF CEMENT FROM 2000# TO 3000# AT 2 BPM. PRESSURED UP TO 3800# TO LATCH PLUG IN FLOAT COLLAR AT 11,201'. PLUG DOWN AT 11:40 A.M., 8-3-03. RELEASE PRESSURE AND FLOAT HELD. CIRCULATED 10 SX OF CEMENT TO PIT. (TOTAL VOLUME OF CEMENT = 172 BBLS)
	12:00	13:30	1.5			RIG DOWN HALLIBURTON. INSTALL 3 1/8" X 5000# WELL HEAD. TEST SEAL TO 5000# AND HELD OKAY. CWI. WOC.

## 3.500" CIBP set at 11,065 with 35' of dump bailed cement, PBDT 11,030 (11/15/2003)

	Start Time	End Time	Hours	Phase Code	Op Code	Comments
>	07:00	08:00	1			AFTER SD 20 HRS. TP = 240#. BLED OFF PRESSURE.
	08:00	12:30	4.5			RIG UP BAKER ATLAS. RAN 2.75" O.D. GAUGE RING AND JUNK BASKET TO 11,100'. WAIT ON CONNECTION TO SET CIBP.
	12:30	14:30	2			TIH W/ 3 1/2", 10 K, CIBP AND SET AT 11,065' TO CAP OFF PERF'S 11086-098'.
	14:30	16:00	1.5			LOAD 3 1/2" O.D. CASING W/ 90 BBLS OF 3% KCL WATER. TEST CASING AND CIBP TO 2500# AND HELD OKAY.
	16:00	18:00	2			BY BAKER ATLAS: PLACE 35' OF CEMENT ON CIBP W/ DUMP BAILER FOR A PBDT OF 11,030'
	18:00	07:00	13			WELL SHUT DOWN. PREPARE TO SWAB FLUID DOWN TO 9500' AND PERFORATE UPPER MORROW ZONE.





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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 342216

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 342216
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	CBL must be submitted to OCD via OCD Permitting before submitting C-103P	5/23/2024