

Submit a 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 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

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.)		WELL API NO. 30-015-24176
1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator MEWBOURNE OIL COMPANY		6. State Oil & Gas Lease No. LG-589
3. Address of Operator PO BOX 5270; HOBBS, NM 88260		7. Lease Name or Unit Agreement Name State MS Gas Com
4. Well Location Unit Letter <u>C</u> : <u>660</u> feet from the <u>N</u> line and <u>1980</u> feet from the <u>W</u> line Section <u>12</u> Township <u>24S</u> Range <u>27E</u> NMPM County <u>Eddy</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3092		9. OGRID Number 14744
		10. Pool name or Wildcat Purple Sage Wolfcamp (gas)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐		Notify OCD 24 hrs. prior to any work done	
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Mewbourne Oil Company requests permission to permanently plug & abandon the subject wellbore. Please see attached wellbore schematics & operational procedure.

Spud Date:

Rig Release Date:

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

Must be plugged by 8/23/2022

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

SIGNATURE Klay H Kirkes TITLE Engineer DATE 8/19/21

Type or print name Klay H Kirkes E-mail address: kkirkes@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: [Signature] TITLE Staff Manager DATE 8/23/2021
Conditions of Approval (if any):

Mexbourne Oil Company

ABANDONMENT PROCEDURE

Submitted By: K. Kirkes

Wellname: State MS Gas Com #1

Location: 660' FNL & 1980' FWL
Sec 12, T24S, R29E
Eddy Co, NM

Date: 7/21/21

Csg Set: 9584' (DV tool 5804')

Csg Size: 7 5/8" 33.7#, 39# S95 LTC
5 1/2" 17# P110 FL45 liner from

Liner: 9168' – 12258' (OH to 12780')

Inter Csg: 10 3/4" 40.5# J55 STC

Set @: 2250'

Surf Csg: 16" 75# K55 STC, 65# H40
BTC

Set @: 405'
2 7/8" 6.5# P110 (rod pump

Tbg: BHA)

Tbg set @: 10447'

Procedure:

- 1) MIRU BCM turnkey plugging crew.
- 2) Unhang well & POOH w/rods & pump.
- 3) ND WH, NU BOP.
- 4) Release TAC & POOH w/tbg.
- 5) Run CBL from 10300' – 9168' & find TOC in liner.
- 6) RIH w/5 1/2" CIBP & set @ 10300'. Top perf @ 10340'. **Test csg after plug**
- 7) Circulate 400 bbls 9.0# MLF
- 8) Spot 25 sks Class H neat cmt (225' ±) on top of CIBP.
- 9) WOC 4 hrs & tag plug @ 10200' or higher.
- 10)LD pipe to 50' below found TOC. Spot 25 sks Class H neat cmt (225' ±).
- 11)WOC 4 hrs & tag plug 50' higher than found liner TOC.
- 12)LD pipe to 9634' (7 5/8" shoe @ 9584')
- 13)Spot 25 sks Class H neat cmt (225' ±).
- 14)WOC 4 hrs & tag plug @ 9534' or higher.
- 15)LD pipe to 9262' (Top WFCP @ 9212', LT @ 9168')
- 16)Spot 35 sks Class H neat cmt (200' ±).
- 17)WOC 4 hrs & tag plug @ 9118' or higher.
- 18)LD pipe to 7000' (~2100' above last plug).
- 19)Spot 30 sks Class C neat cmt (160' ±).
- 20)WOC 4 hrs & tag plug @ 6900' or higher.
- 21)LD pipe to 5946' (Top BSPG @ 5896', DV tool @ 5804')
- 22)Spot 55 sks Class C neat cmt (295' ±).
- 23)WOC 4 hrs & tag plug @ 5754' or higher.
- 24)LD pipe to 4000' (1750' above top of last plug)
- 25)Spot 30 sks Class C neat cmt (160' ±).
- 26)WOC 4 hrs & tag plug @ 3900' or higher.
- 27)POOH w/tbg
- 28)RIH w/wireline & perforate 7 5/8" csg @ 2425' (top Delaware @ 2375', 10 3/4" shoe @ 2250'). Attempt to squeeze formation.
- 29)RIH w/tbg & spot 65 sks Class C neat @ 2425'.
- 30)WOC 4 hrs & tag plug @ 2200' or higher.
- 31)POOH w/tbg.
- 32)RIH w/wireline & perforate 7 5/8" csg @ 455' (Surface shoe @ 405').
- 33)Attempt to circulate out 7 5/8"x10 3/4" annulus to verify good cmt.
- 34)RIH w/tbg & 30 sks Class C neat @ 455'.
- 35)WOC 4 hrs & tag plug @ 355' or higher. POOH w/tbg.
- 36)RIH w/WL & perforate @ 200'. Attempt to circulate mud out of 7 5/8" x 10 3/4" annulus to verify good cmt.
- 37)RIH w/tbg to 200'. Circulate Class C neat cmt to surface. POOH w/tbg. Top fill csg.
- 38)WOC 4 hrs. Verify hole stays full.
- 39)Cut off WH & install dry hole marker. Cut off anchors & clean location.

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD 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 as well as the 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 NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water **will not** be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Page 3 & 4), 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, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3. API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, 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 NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

R-111-P Area

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.

State MS Gas Com #1 WBS

660' FNL & 1980' FWL, Sec. 12 - T24S - R29E - Eddy Co, NM
API 30-015-24176

20" hole w/16" 75# K55 ST&C, 65#
H40 BTC set @ 405' – circ cmt

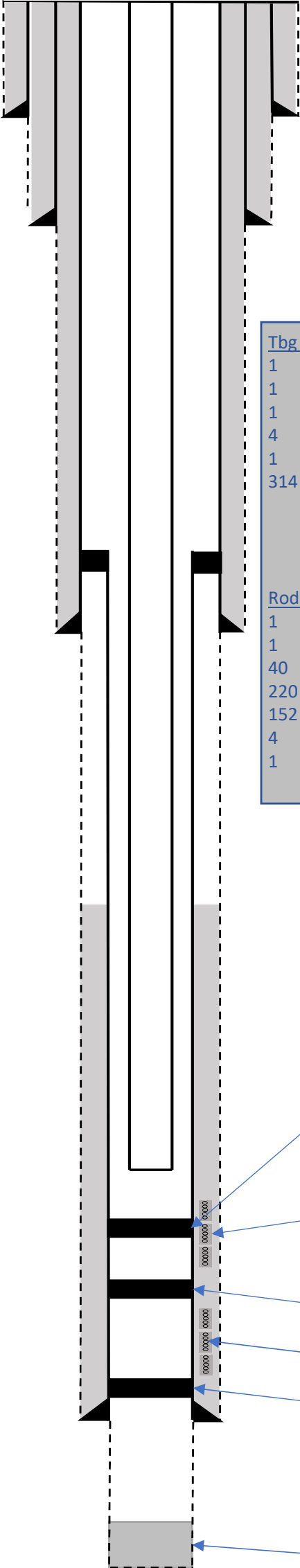
14 3/4" hole w/10 3/4" 40.5# J55 ST&C
set @ 2250' – circ cmt

7 7/8" 39#, 33.7# S95 LT&C set @ 9584'.
DV tool @ 5804'. Circ cmt off DV tool,
2nd stage circ to surf

6 1/2" hole w/5 1/2" 17# P110 FL45 Liner
from 9168' - 12258'
Cemented w/375 sx Class H. No TOC
noted.

2 7/8" 6.5# EUE 8rd P110 tbg w/SN &
WLEG
Set @ 11406'

4 1/2" OH from 12258' – 12780'



Tbg Detail:		
1	2 7/8" 6.5# P110 w/BP	33.17'
1	2 7/8" Perf Sub	4.10'
1	2 7/8" Mech SN w/20' GA	1.10'
4	2 7/8" 6.5# P110 tbg	128.36'
1	2 7/8" x 5 1/2" TAC 35k shear	2.80'
314	2 7/8" 6.5# P110 tbg	10255.38'
Total Tbg		10424.91'
KB correction		23.00'
EOT @		10447.91'

Rod Detail:		
1	2 1/2" x 1 1/4" x 38' RHBM	20'
1	7/8" Molded Guide Sub	4'
40	1" T66 Steel Rods	1000'
220	3/4" T66 Steel Rods	5500'
152	7/8" T66 Steel Rods	3800'
4	7/8" T66 Pony Rods (8', 6', 4', 2')	20'
1	1 1/2" x 26' PR w/ 1 3/4" x 16' PRL	26'
Total Rods		10370'

9/22/07 – Set CIBP @ 10500' w/35' cmt
Perforated 10340' – 10364' (2 SPF)

1/17/97 WFCP perfs @
10350' – 10360' (4 SPF)
10524' – 10528' (4 SPF)
10548' – 10568' (4 SPF)

8/24/89 Set CIBP @ 10700' & 35' cmt

8/17/84 Atoka perfs 11218' – 11734'

8/24/89 Set CIBP @ 12000' & 35' cmt

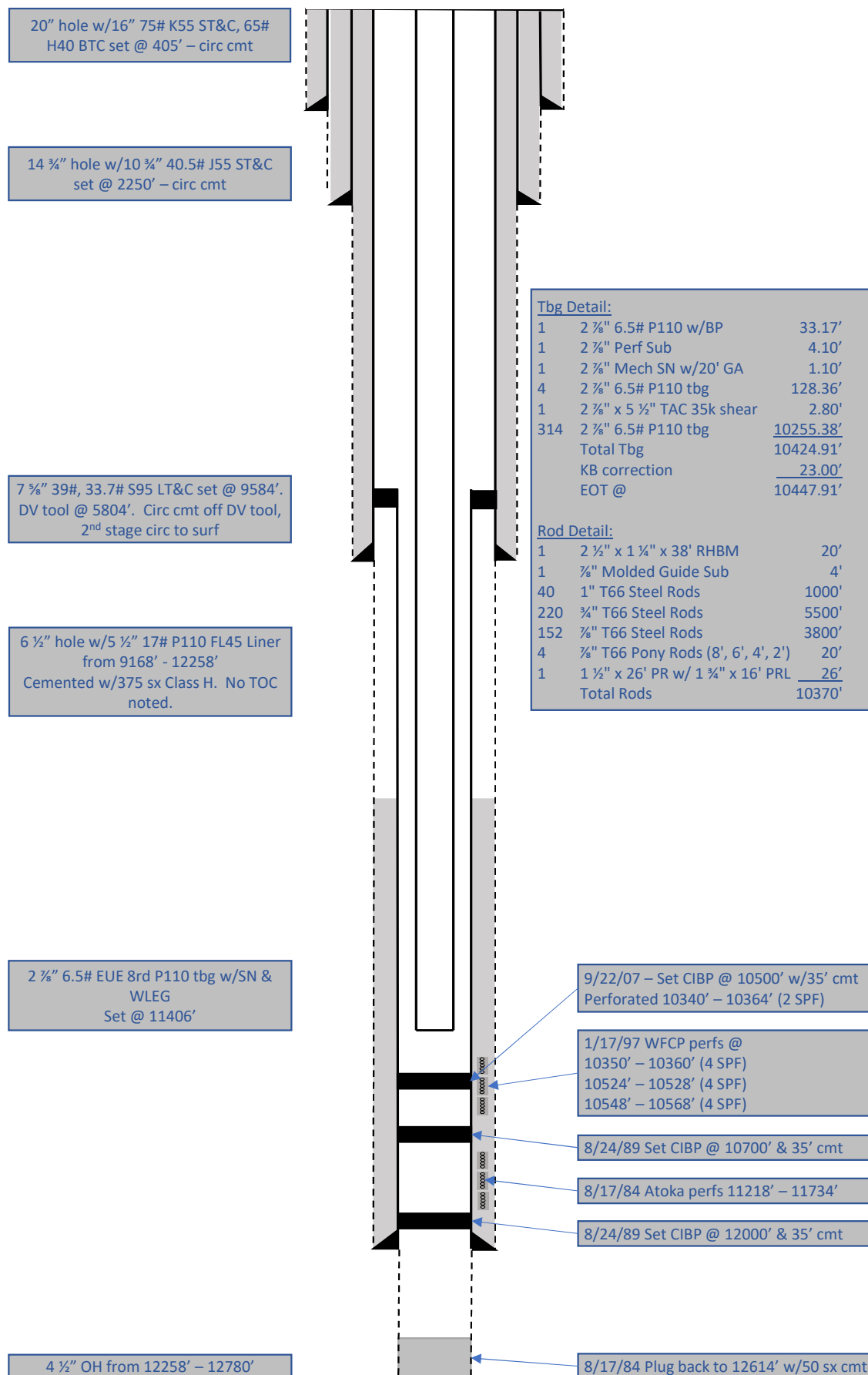
8/17/84 Plug back to 12614' w/50 sx cmt



State MS Gas Com #1 WBS

660' FNL & 1980' FWL, Sec. 12 - T24S - R29E - Eddy Co, NM

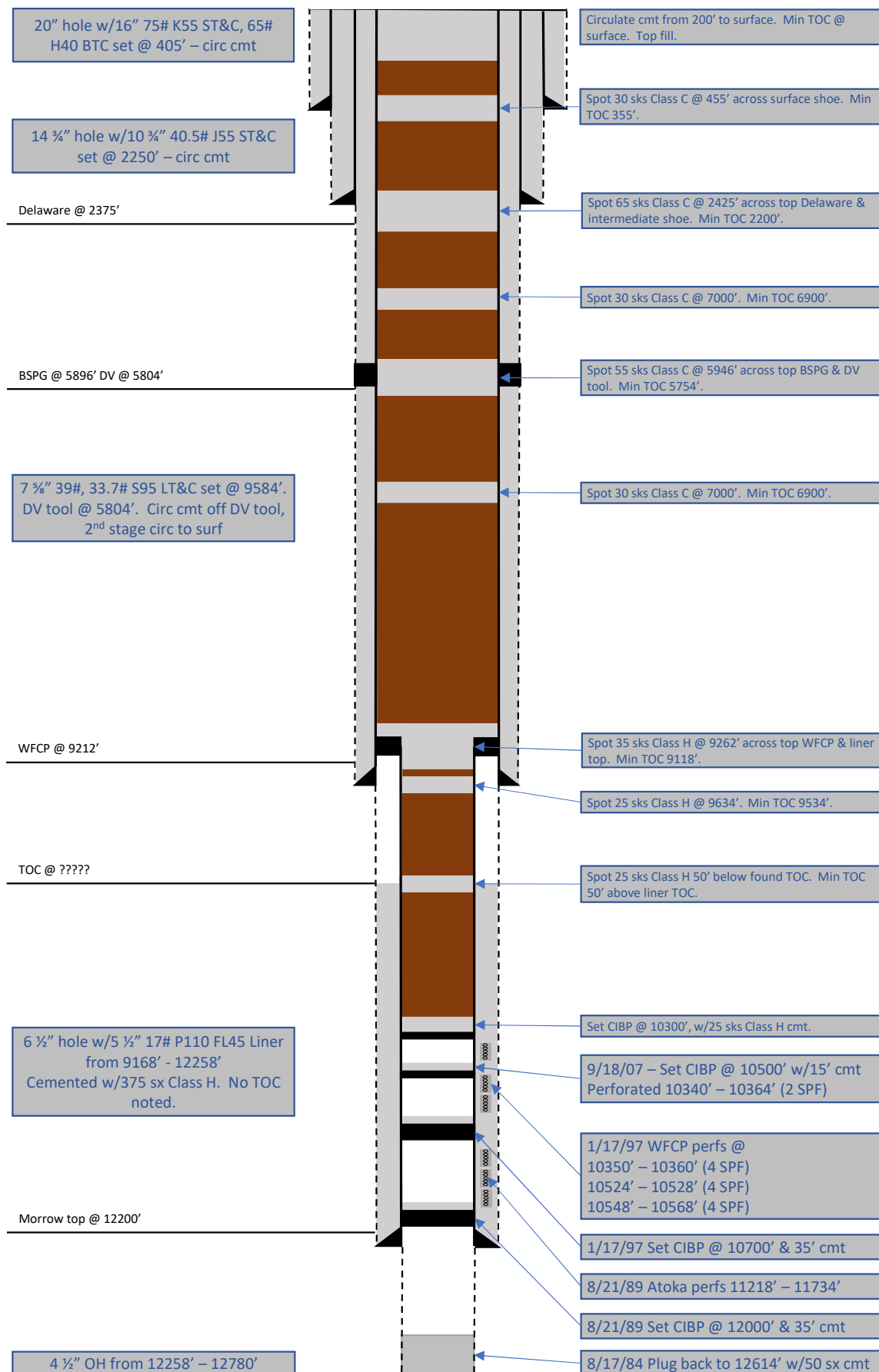
API 30-015-24176



State MS Gas Com #1 Final WBS

660' FNL & 1980' FWL, Sec. 12 - T24S - R29E - Eddy Co, NM

API 30-015-24176



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 43223

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 43223
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	8/23/2021