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 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

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

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-30650

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. 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.)

7. Lease Name or Unit Agreement Name

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

8. Well Number
Avalon 31 St #1

2. Name of Operator
Mewbourne Oil Company

9. OGRID Number
14774

3. Address of Operator
PO Box 5270, Hobbs, NM 88240

10. Pool name or Wildcat
Hackberry Hills; Atoka, Canyon

4. Well Location
Unit Lette H : 2310 feet from the North line and 990 feet from the East line
Section 31 Township 21S Range 26E Eddy County

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

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	☐						
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 would like to P&A the Avalon 31 St #1. Please see attachments.

NM OIL CONSERVATION
ARTESIA DISTRICT
SEP 17 2015
RECEIVED

...ed for plugging of well bore only.
...y under bond is retained pending receipt
...03 (Subsequent Report of Well Plugging)
...ich may be found at OCD Web Page under
...www.emnrd.state.nm.us/ocd.

Well Bore must be Plugged by 9/23/2016

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

SIGNATURE _____ TITLE Production Engineer DATE 9-10-15

Type or print name Antonio Martinez E-mail address: amartinez@mewbourne.com PHONE: (575) 393-5905

For State Use Only

APPROVED BY: _____ TITLE Dist II Supervisor DATE 9/23/2015

Conditions of Approval (if any):

See Attached COA's

Melbourne Oil Company

COMPLETION PROCEDURE

Submitted By: A. Martinez

Wellname: Avalon 31 St #1

Location: 2310' FNL& 990' FEL
Sec 31, T21S, R26E
Eddy Co., NM

Date: 9/10/15

Csg Set:	10,515'	**Packer Type:**	N/A
Csg Size:	4 ½" 11.6# S95 & N80	**Packer Depth:**	N/A
Liner Size:	N/A	**Tbg:**	2 ⅜" 4.7# EUE 8RD N80 tbg
Liner Top:	N/A	**Tbg Set:**	9527.22'
Ports:	N/A	**Total Rods:**	N/A

Procedure:

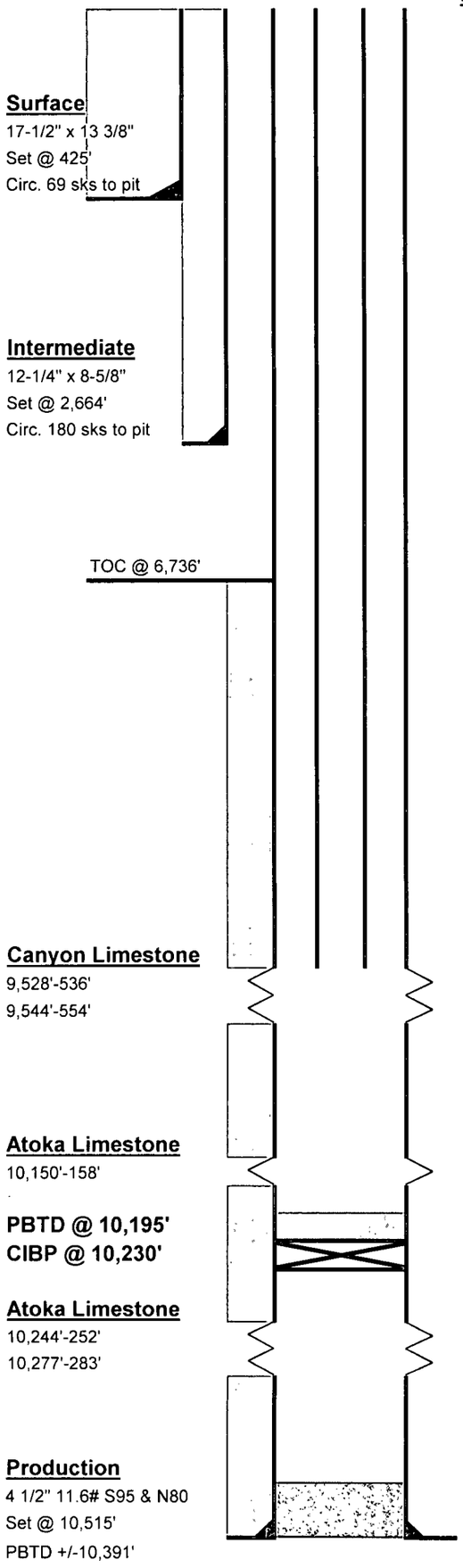
1. MIRU BCM.
2. ND WH & NU BOP. POOH w/tbg & LD SN & WLEG.
3. RIH w/4 ½" CIBP & 2 ⅜" tbg.
4. Set CIBP @ 9480' (perfs @ 10158'-9528').
5. Spot 25 sks Class H cmt (yield 1.08 cf/sx) from 9480' to 9170'.
6. Spot 25 sks Class H cmt (yield 1.08 cf/sx) from 8370' to 8060'
7. Spot 60 sks Class C cmt (yield 1.34 cf/sx) from 5100' to 4175'.
8. POOH w/tbg.
9. RIH w/wireline & peforate @ 2770'.
10. RIH w/pkr & tbg. Set pkr @ 2000' & break circulation.
11. Pump 200 sks Class C cmt (yield 1.34 cf/sx) from 2770' to 2000'.
12. Release pkr & POOH. WOC. RIH w/wireline & tag cmt.
13. RIH w/tbg to 100' & circulate cmt to surface. POOH w/tbg.
14. Top off w/cmt as needed.
15. ND BOP & cut off csg. RDMO WS.
16. Install dry hole marker.
17. Perform reclamation of location in accordance to OCD regulations.

Avalon 31 State #1

Last Updated: 9/10/15

By: Antonio Martinez

Spud Date: 6/1/98



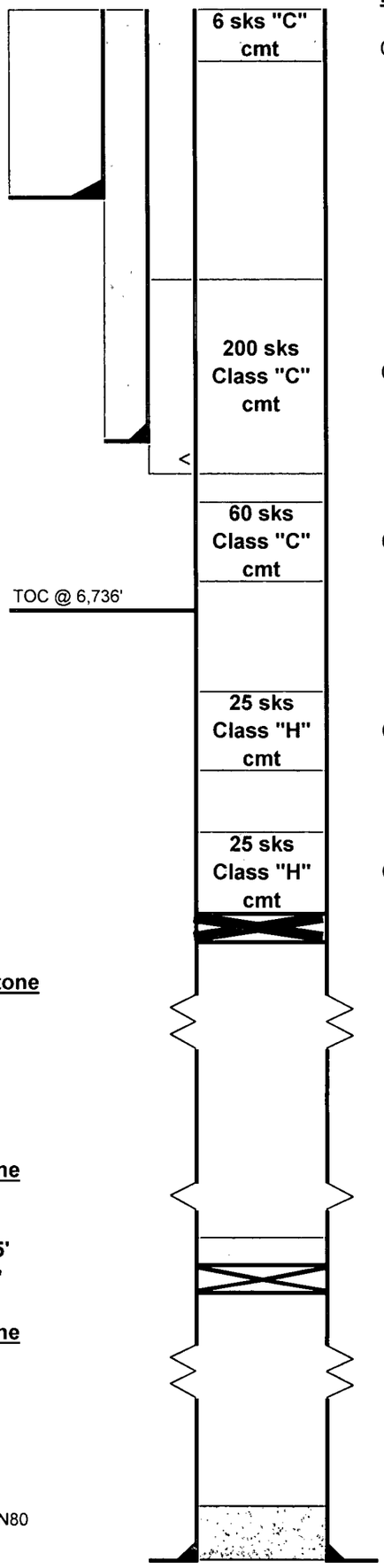
Date:	
7/12/99	Perforate Atoka Limestone @ 10,277' - 283'
	Perforate Atoka Limestone @ 10,244' - 252'
7/14/99	Perforate Atoka Limestone @ 10,150' - 158'
	Acidize Perfs 10,150' - 10,283' w/5000 gallons 15%
7/16/99	Perforate Canyon Limestone @ 9,528' - 9,536'
	Perforate Canyon Limestone @ 9,544' - 9,554'
7/17/99	Acidize Perfs 9,528' - 10,283' w/8000 gallons 15%
8/12/99	Put on Compressor
4/7/01	RIH w/bombs to get BHP:
	SIBHP @ 10216.5' w/1991.8 @ (91 hrs)-FL 9546.82'
10/3/01	Made 23 swab runs. Swabbed back 43 BW
1/4/02	Ran production logs--flwg temp, Capacitaince, &
	tracer survey:
	9528'-9536' Gas Entry(49.4% flow)
	9544'-9554' Wtr entry (7.6% of flow)
	10150-10158' Gas entry (10.1% of flow)
	10244'-10252' Wtr entry (32.9% of flow)
	10277'-10283' No entry
	BHP @ 10,376' 1386#
4/24/02	Set CIBP @10,230' w/35' cmt on top (new PBTD
	+/-10,195'. RIH w/ Gas lift Mandrels
8/4/04	POOH & LD gas lift equip. Install Cap string
10/14/06	POOH w/ cap string
4/25/07	Swabbed 62 BW

Tubing		
	Total	Set @
1 2 3/8" WLEG	0.40	9522.76
1 2 3/8" L80 4.7# tbg	10.14	9522.36
1 2 3/8"x 1.781" SN	1.10	9512.22
302 2 3/8" L80 4.7# tbg	9497.12	9511.12
KB Corr	14.00	14.00

Avalon 31 State #1

Last Updated: 9/10/15
By: Antonio Martinez

Spud Date: 6/1/98



Surface
17-1/2" x 13 3/8"
Set @ 425'
Circ. 69 sks to pit

Intermediate
12-1/4" x 8-5/8"
Set @ 2,664'
Circ. 180 sks to pit

Date:

Cmft from 100' to surface

Cmt from 2770' to 2000'

Cmt from 5100' to 4175'

Cmt from 8370' to 8060'

Cmt from 9480' to 9170'

Canyon Limestone
9,528'-536'
9,544'-554'

Atoka Limestone
10,150'-158'

PBTD @ 10,195'
CIBP @ 10,230'

Atoka Limestone
10,244'-252'
10,277'-283'

Production
4 1/2" 11.6# S95 & N80
Set @ 10,515'
PBTD +/-10,391'
TD 7 7/8" Hole @ 11,155'

Tops

Delaware Sand	**2107**
Bone Springs	**4458**
Wolfcamp	**8276**
Cisco	**9360**

NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: Mewbourne

Well Name & Number: Avalon 31 State #1

API #: 30-015-30650

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. 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 place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. **Cement Retainers may not be used.**
9. **Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.**
10. **Plugs may be combined after consulting with and getting approval from NMOCD.**
11. **Minimum WOC time for tag plugs will be 4 Hrs.**

RD 9/23/2015

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.

- Formations to be isolated with plugs placed at the top of each formation are:
    - Fusselman
    - Devonian
    - Morrow
    - Wolfcamp
    - Bone Spring
    - Delaware
    - Any Salt Section (Plug at top and bottom)
    - Abo
    - Glorieta
    - Yates (this plus is usually at base of salt section)

- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- In the R-111-P area (Potash Mine area) a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).