

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

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. 30-015-23942
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator COG Operating, LLC		6. State Oil & Gas Lease No. LG 1637
3. Address of Operator 600 W. Illinois Ave, Midland, TX 79701		7. Lease Name or Unit Agreement Name New Mexico DC State
4. Well Location Unit Letter H : 1980 feet from the N line and 660 feet from the E line Section 18 Township 19S Range 29E NMPM County Eddy		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3379' GR		9. OGRID Number 229137
		10. Pool name or Wildcat Palmillo; Upper Penn & Palmillo; Wolfcamp, W

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 COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BCM respectfully submits for an extension to P&A New Mexico DC State #1 on behalf of COG Operating, LLC

1. Tag 5 1/2" CIBP @ 10,500' w/ 35.
2. Set 5 1/2" CIBP @ 9336'. Dump Bail 50' or spot 25 sx cmt. - WOC + Tag
3. Set 5 1/2" CIBP @ 8891'. Circulate hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 8890-8791'. WOC & Tag.
4. Spot 25 sx cmt @ 6850-6750'.
5. Spot 25 sx cmt @ 3700-3600'. (Bone Springs)
6. Perf & Sqz 50 sx cmt @ 2994-2894'. WOC & Tag (Shoe)
7. Spot 25 sx cmt @ 1185-1085'. (7 Rivers)
8. Perf & Sqz 50 sx @ 915-815'. (Yates) - WOC + Tag
9. Perf & Sqz 50 sx cmt @ 415-315'. WOC & Tag (Shoe)
10. Perf & Sqz 20 sx @ 60'-Surface.
11. Cut off well head, verify cmt to surface, weld on Dry Hole Marker.

Notify OCD 24 hrs. prior to
any work done.

RECEIVED

JAN 30 2019

DISTRICT II-ARTESIA O.C.D.

Spud Date:

Rig Release Date:

* See Attached COAs

Must be Plugged by 5-1-19

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

SIGNATURE

Abigail Anderson

TITLE

Agent

DATE

1/28/2019

Type or print name

Abigail Anderson

E-mail address:

abbym@bcmadassociates.com

PHONE:

432-580-7161

For State Use Only

APPROVED BY:

[Signature]

TITLE

Staff Mgr.

DATE

1/31/19

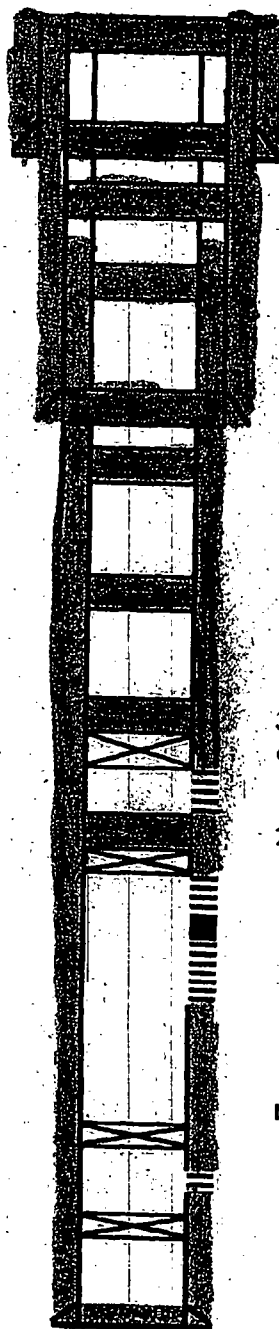
Conditions of Approval (if any):

ENTERED
1/31/19

Author:	MRM (8/2017)
Well Name	New Mexico DC S Well No. #1
Field	API #: 30-015-23942
County	Eddy Prop #:
State	New Mexico Zone: Wolfcamp
Spud Date	12/6/1982 1980 FNL & 660 FEL
GL	3,379' Sec 18 T19S R29E

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13.875"	K-55	54.5	365'	425	surface
Inter Csg	8.625"	K-55	24 & 32	2,944'	2,000	surface
Prod Csg	5.5"	N-80	15.5, 17 & 20	11,798'	2,300	950'
Liner						

Originally drill
Marbob Ener
COG took ov



TD @ 11,800'
PBTD @ 10,485'

10. Perf & Sqz 20 sx @ 60'-Surface.

17-1/2" hole
13-7/8" (54.5#) @ 365' with 400 sks, circ with ?? sks
TOC @ surf

9. Perf & Sqz 50 sx cmt @ 415-315'. WOC & Tag (Shoe)

8. Perf & Sqz 50 sx @ 915-815'. (Yates)

7. Spot 25 sx cmt @ 1185-1085'. (7 Rivers)

11" hole
8-5/8" (24# & 32#) @ 2,944' with 2,000 sks, circ with 410 sks
TOC @ surf

6. Perf & Sqz 50 sx cmt @ 2994-2894'. WOC & Tag (Shoe)

5. Spot 25 sx cmt @ 3700-3600'. (Bone Springs)

4. Spot 25 sx cmt @ 6850-6750'.

3. Set 5 1/2" CIBP @ 8891'. Circulate hole w/ MLF. Pressure test csg. Spot 25 sx cmt @ 8890-8791'. WOC & Tag.

8,941'-9,111' (Wolfcamp) 23 holes - 04/27/2002 acidized with 4,000 gal
9,178'-9,291' (Wolfcamp) 10 holes - 04/27/2002 acidized with 2,000 gal

2. Set 5 1/2" CIBP @ 9336'. Dump Bail 50' or spot 25 sx cmt.

9,385'-9,494' (Wolfcamp) 12 holes - 04/27/2002 acidized with 2,000 gal
9,558'-9,602' (Wolfcamp) 2 spf - 02/15/1996 acidized with 5,000 gal
9,557'-9,698' & 9,706'-9,982' (Cisco Canyon) 101 holes - 05/04/1982 acidized with 18,000 gal
squeezed cement with 250 sks
9,706'-9,982' (Cisco Canyon) 85 holes - 05/11/1983 acidized with 63,000 gal

1. Tag 5 1/2" CIBP @ 10,500' w/ 35.

CIBP @ 10,500' with 35' cement on top - 02/15/1996

10,684'-10,700' (Atoka) ?? holes - 07/1991 acidized with 3,000 gal on 12/11/1992

CIBP @ 10,895' with 35' cement on top 07/1991

7-7/8" hole

5-1/2" (15.5#, 17# & 20#) @ 11,874' with 2,050 sks
DV Tool @ 8,504' 1st stage - 1,000 sks
TOC @ 950' 2nd stage - 1,300 ska

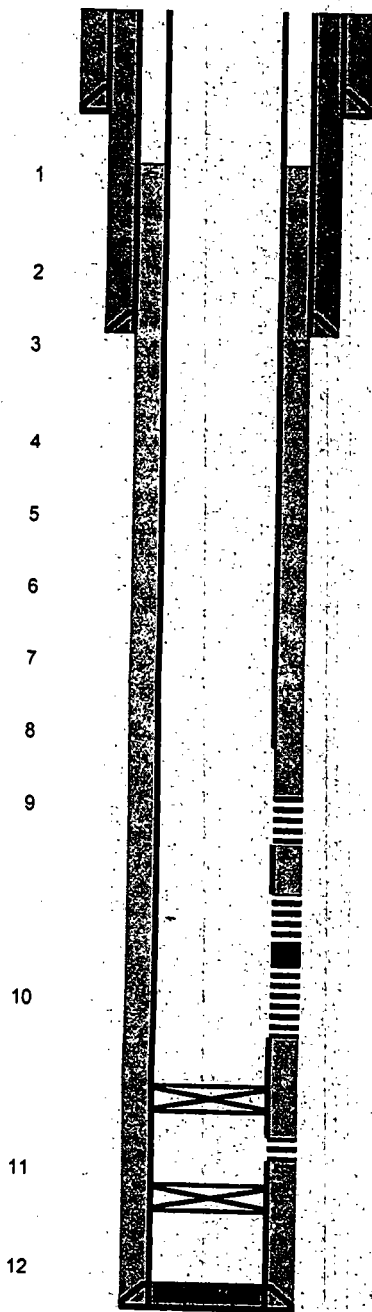
Formation Tops

Bone Springs	3,658'
1st Bone Spring	6,810'
2nd Bone Spring Carbonate	6,898'
2nd Bone Spring Sand	7,440'
3rd Bone Spring Carbonate	7,866'
3rd Bone Spring Sand	8,543'
Wolfcamp	8,525'
Cisco	8,270'
Canyon	8,002'
Strawn	10,147'
Atoka	10,419'
Morrow	10,875'
Barnett Shale	11,305'
Mississippi Lime	11,622'

Author:	MRM (8/2017)		
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County	Eddy	Prop #	
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PBTD @ 10,465'

Commingle

32.6627121
-164.1077423

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 (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 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