

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

		WELL API NO. 30-025-32859
		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 MARIGOLD UNIT
		8. Well Number #001
		9. OGRID Number 372878
		10. Pool name or Wildcat LANGLIE MATTIX;7 RVRS-Q-GRAYBURG
4. Well Location  Unit Letter B: 100 feet from the N line and 2075 feet from the E line  Section 7 Township 12S Range 38E NMPM Lea		
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:**

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.

NMOCID plans to plug this well in accordance with the attached procedure and any agreed modifications thereto.

Spud Date: Rig Release Date: 


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

SIGNATURE: Ethan WakefieldTITLE: Authorized Representative

DATE 1/6/26

Type or print name: Ethan Wakefield  
**For State Use Only**

E-mail address: e.wakefield@dwsrigs.com

PHONE: 405-343-7736

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Conditions of Approval (if any): \_\_\_\_\_

# **LEASE HOLDERS ACQUISITIONS, INCORPORATED**

## **Plug And Abandonment Procedure**

### **MARIGOLD UNIT #001**

100' FNL & 2075' FEL, Section 7, 12S, 38E

Lea County, NM / API: 30-025-32859

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Perform spiral gas check. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Preform mandatory 40 bbls well kill. If a different fluid or amount is required kill well as necessary. Ensure the well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 5-1/2" bit or casing scraper on 2-3/8" work string and round trip as deep as possible above top perforation at 11,725'. Alternatively, a wireline-conveyed gauge ring may be used to verify clearance if preferred.
6. P/U 5-1/2" CR, TIH and set CR at +/- 11,675'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
  - a. Plug #1 (under CR) may be pumped prior to CBL.

7. RU wireline and run CBL with 500 psi on casing from CR at 11,675' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to Diede, Loren, [Loren.Diede@emnrd.nm.gov](mailto:Loren.Diede@emnrd.nm.gov) and to Gilbert Cordero at [gilbert.cordero@emnrd.nm.gov](mailto:gilbert.cordero@emnrd.nm.gov) upon completions of logging operations.
8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore.

**NOTE: All plugs include excess footage to meet requirements.**

**10. Plug 1: Perforations, Top 11,675', 30 Sacks Class H Cement**

Mix 30 sx Class H cement and squeeze below CR to cover the perforations.

**11. Plug 2: Perforations, 11,675'-11,575', 12 Sacks Class H Cement**

Mix 12 sx Class H cement and spot a balanced plug inside casing to cover the Perforations.

**12. Plug 3: Mississippi and Atoka Formation Tops, 11,013'-10,660', 41 Sacks Class H Cement**

Mix 41 sx Class H cement and spot a balanced plug inside casing to cover the Mississippi and Atoka formation tops.

**13. Plug 4: Strawn Formation Top, 10,385'-10,235', 18 Sacks Class H Cement**

Mix 18 sx Class H cement and spot a balanced plug inside casing to cover the Strawn formation top.

**14. Plug 5: Penn Formation Top, 9,700'-9,550', 18 Sacks Class H Cement**

Mix 18 sx Class H cement and spot a balanced plug inside casing to cover the Penn formation top.

**15. Plug 6: Wolf Camp Formation Top, 9,126'-8,976', 18 Sacks Class H Cement**

Mix 18 sx Class H cement and spot a balanced plug inside casing to cover the Wolf Camp Formation Top.

**16. Plug 7: Abo Formation Top, 7,875'-7,725', 87 Sacks Class H Cement**

If deemed necessary by the CBL. Mix 87 sx Class H cement and spot a plug inside/outside casing to cover the Abo formation top.

**17. Plug 8: Tubb Formation Top, 7,167'-7,026', 87 Sacks Class H Cement**

If deemed necessary by the CBL. Mix 87 sx Class H cement and spot a plug inside/outside casing to cover the Tubb formation top.

**18. Plug 9: Glorietta Formation Top, 5,917'-5,867', 87 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 87 sx Type I/II cement and spot a plug inside/outside casing to cover the Glorietta formation top.

**19. Plug 10: Intermediate Casing Shoe and San Andres Formation Top, 4,650'-4,322', 112 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 112 sx Type I/II cement and spot a plug inside/outside casing to cover the surface casing shoe and the San Andres formation top.

**20. Plug 11: Grayburg Formation Top, 4,220'-4,040', 46 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 46 sx Type I/II cement and spot a plug inside/outside casing to cover the Grayburg formation top.

**21. Plug 12: Queen Formation Top, 3,890'-3,740', 46 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 46 sx Type I/II cement and spot a plug inside/outside casing to cover the Queen formation top.

**22. Plug 13: 7 Rivers and Yates Formation Tops, 3,238'-2,942', 90 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 90 sx Type I/II cement and spot a plug inside/outside casing to cover the 7 Rivers and Yates formation tops.

**23. Plug 14: Anhydrite Formation Top, 2,320'-2,170', 46 Sacks Type I/II Cement**

If deemed necessary by the CBL. Mix 46 sx Type I/II cement and spot a plug inside/outside casing to cover the Anhydrite formation top.

**24. Plug 15: Surface Casing Shoe, 455' - Surface, 138 Sacks Type I/II Cement**

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 455' and the annulus from the squeeze holes to surface. Shut in well and WOC.

**25. ND cementing valves and cut off wellhead. Fill annuli with cement, as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.**



## Existing Wellbore Diagram

LEASE HOLDERS ACQUISITIONS, INCORPORATED

MARIGOLD UNIT #001

API: 30-025-32859

Eddy County, New Mexico

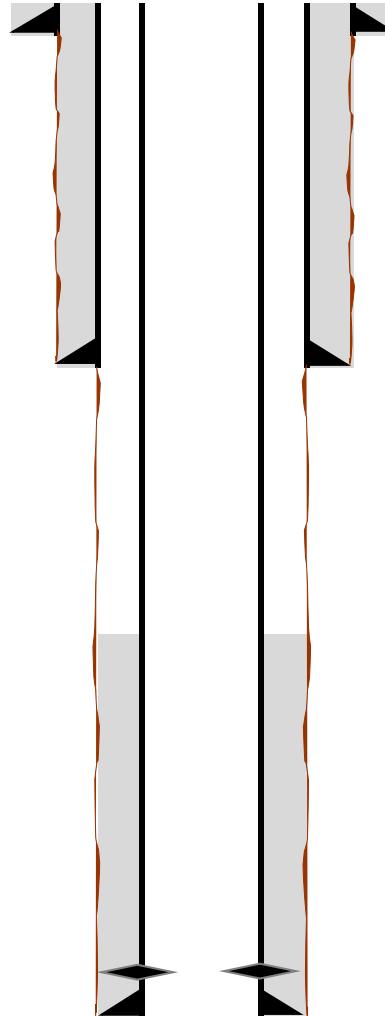
**Surface Casing**  
13-3/8" 48# @ 405'  
OH: 17-1/4"  
Circulated to Surface

**Formations**  
Anhydrite - 2270'  
Yates - 3042'  
7 Rvrs - 3188'  
Queen - 3840'  
Grayburg - 4170'  
San Andres - 4422'  
Glorietta - 5867'  
Tubb - 7126'  
Abo - 7825'  
WC - 9076'  
Penn - 9650'  
Strawn - 10335'  
Atoka - 10760'  
Miss - 10963'  
Devonian - 11920'

**Intermediate Casing**  
8-5/8" 24#, 36# @ 4,600'  
OH: 11"  
Circulated to Surface

**Production Casing**  
5-1/2" 17# @ 11,920'  
OH: 7-7/8"  
Estimated TOC 8,000'

**Perforations**  
11,725' to 11,930'





## Proposed Wellbore Diagram

LEASE HOLDERS ACQUISITIONS, INCORPORATED

MARIGOLD UNIT #001

API: 30-025-32859

Eddy County, New Mexico

**Plug 8**  
 Assuming TOC @ 8,000'  
 7,176' to 7,026'  
 150 foot plug  
 87 Sacks Class H Cement

**Plug 7**  
 Assuming TOC @ 8,000'  
 7,875' to 7,725'  
 150 foot plug  
 87 Sacks Class H Cement

**Plug 6**  
 Determine by CBL  
 9,126' to 8,976'  
 150 foot plug  
 18 Sacks Class H Cement

**Plug 5**  
 Determine by CBL  
 9,700' to 9,550'  
 150 foot plug  
 18 Sacks Class H Cement

**Plug 4**  
 Determine by CBL  
 10,385' to 10,235'  
 150 foot plug  
 18 Sacks Class H Cement

**Plug 3**  
 Determine by CBL  
 11,013' to 10,660'  
 353 foot plug  
 41 Sacks Class H Cement

**Plug 2**  
 Above CR  
 11,675' to 11,575'  
 100 foot plug  
 12 Sacks Class H Cement

**Plug 1**  
 SQ Under CR  
 Top 11,675'  
 30 Sacks Class H Cement

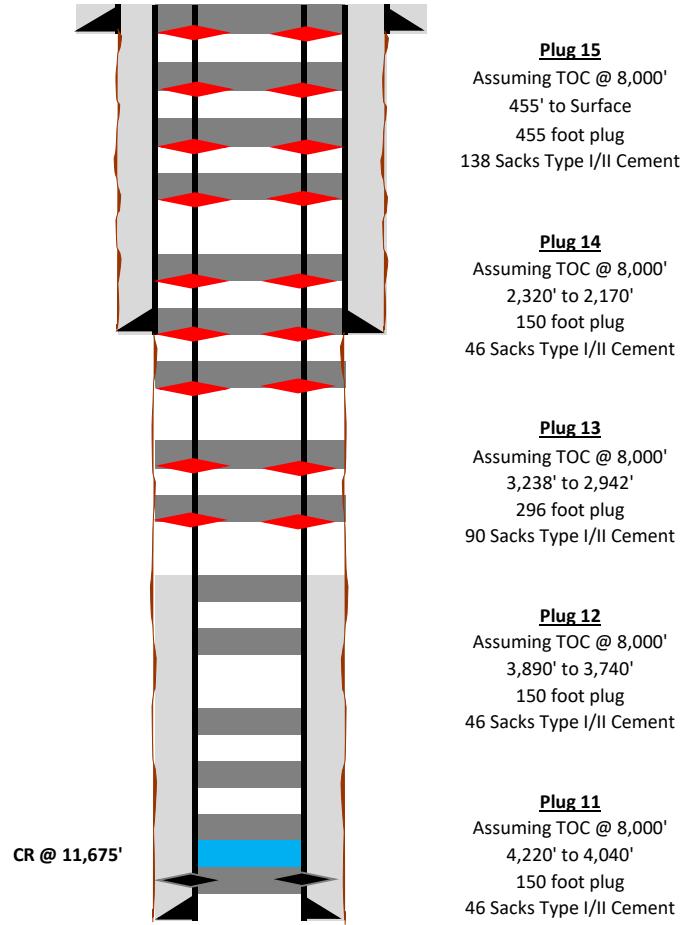
**Surface Casing**  
 13-3/8" 48# @ 405'  
 OH: 17-1/4"  
 Circulated to Surface

**Formations**  
 Anhydrite - 2270'  
 Yates - 3042'  
 7 Rvrs - 3188'  
 Queen - 3840'  
 Grayburg - 4170'  
 San Andres - 4422'  
 Goliad - 5867'  
 Tubb - 7126'  
 Abo - 7825'  
 WC - 9076'  
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 Strawn - 10335'  
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**Intermediate Casing**  
 8-5/8" 24#, 36# @ 4,600'  
 OH: 11"  
 Circulated to Surface

**Production Casing**  
 5-1/2" 17# @ 11,920'  
 OH: 7-7/8"  
 Estimated TOC 8,000'

**Perforations**  
 11,725' to 11,930'



**Plug 15**  
 Assuming TOC @ 8,000'  
 455' to Surface  
 455 foot plug  
 138 Sacks Type I/II Cement

**Plug 14**  
 Assuming TOC @ 8,000'  
 2,320' to 2,170'  
 150 foot plug  
 46 Sacks Type I/II Cement

**Plug 13**  
 Assuming TOC @ 8,000'  
 3,238' to 2,942'  
 296 foot plug  
 90 Sacks Type I/II Cement

**Plug 12**  
 Assuming TOC @ 8,000'  
 3,890' to 3,740'  
 150 foot plug  
 46 Sacks Type I/II Cement

**Plug 11**  
 Assuming TOC @ 8,000'  
 4,220' to 4,040'  
 150 foot plug  
 46 Sacks Type I/II Cement

**Plug 10**  
 Assuming TOC @ 8,000'  
 4,650' to 4,322'  
 328 foot plug  
 112 Sacks Type I/II Cement

**Plug 9**  
 Assuming TOC @ 8,000'  
 5,917' to 5,767'  
 150 foot plug  
 87 Sacks Type I/II Cement

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

DEFINITIONS

Action 540495

**DEFINITIONS**

Operator: J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581  Action Number: 540495  Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)
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**DEFINITIONS**

The OCD Mitigation Activity (OMA) forms are a subset of the OCD's forms exclusively designed for activities related to State of New Mexico's contracted evaluation, plugging, decommissioning, remediation, salvage and reclamation activities. Specifically, these forms are typically used where the OCD has acquired a hearing order allowing the OCD to perform mitigation activities on wells and associated facilities that no longer have an authorized or viable operator to perform the necessary work. These forms are not to be utilized for any other purpose.

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QUESTIONS

Action 540495

**QUESTIONS**

Operator:  J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 540495
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

**QUESTIONS**

<b>Prerequisites</b>	
[OGRID] Well Operator	[372878] LEASE HOLDERS ACQUISITIONS, INCORPORATED
[API] Well Name and Number	[30-025-32859] MARIGOLD UNIT #001
Well Status	Reclamation Fund Approved

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CONDITIONS

Action 540495

**CONDITIONS**

Operator:  J.A. Drake Well Service Inc. (OPG Vendor) 607 W. Pinon St Farmington, NM 87401	OGRID: 333581
	Action Number: 540495
	Action Type: [UF-OMA] NOI Plug & Abandon Well (UF-OMA-C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations. Submit photo and GPS coordinates of the P&A marker with the C-103P subsequent report. The API# on the marker must be clearly legible. This well is not in the LPCH restricted area. An above ground P&A marker is required.	1/15/2026