

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210  
FORM APPROVED  
OMB No. 1004-0135  
November 30, 2000  
NM License  
LC072015-C

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

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

2. Name of Operator  
**MARALO, LLC**

3a. Address  
**P. O. BOX 832, MIDLAND, TX 79702**

3b. Phone No. (include area code)  
**(915) 684-7441**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660' FSL & 1650' FEL, SWSE, SEC. 28, T20S, R27E**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SCR188**

8. Well Name and No.  
**HANSON FEDERAL COM #2**

9. API Well No.  
**30-015-21489**

10. Field and Pool, or Exploratory Area  
**AVALON; MORROW**

11. County or Parish, State

**EDDY, NM**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The original plug and abandonment sundry data, which was approved on November 24, 1997, is still valid. On the attached, updated P&A prognosis, more information has been added. The only change is the total cement in item #9, which has been decreased by 5 sacks.

Maralo, LLC has informed the well interests that immediate plugging action is required for BLM regulatory compliance. Approval from these partners is pending within 4-6 weeks.

**TAG 13-3/8" SHOE PLUG, 8-5/8" SHOE  
PLUG & 5-1/2" STUB PLUG**

14. I hereby certify that the fore  
Name (Printed/Typed)  
**DOROTHEA LOGAN**

Signature *Dorothea Logan*

Title **REGULATORY ANALYST**

Date **FEBRUARY 26, 2002**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**APPROVED**

Approved by  
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

**MAR 4 2002**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**LES BABYAK  
PETROLEUM ENGINEER**

PLUC ID ABANDON PROGNOSIS  
MARALO, LLC  
Hanson Federal #2  
660' FSL & 1650' FEL, Sec.28, T-20-S, R-27-E  
North Avalon Morrow Field  
Eddy County, New Mexico

ELEVATION: 3205' GL 3222' DF 11,040' TD 10,989' PBD

CASING: 13 3/8" 48# H-40 set @ 368' cmt'd w/875 sx cmt circ'd  
8 5/8" 24# K-55 set @ 2315' cmt'd w/1650 sx cmt circ'd  
5 1/2" 17# & 15.50# set @ 11,024' cmt'd w/1500 sx TOC - 6340' (temp. survey)

LOG TOPS:	Yates	355' (+2867')	Wolfcamp	8254' (-5032')
	7 Rivers	440' (+2782')	Penn	9135' (-5913')
	Delaware Sand	2377' (+845')	Strawn	9662' (-6440')
	1 <sup>st</sup> Bone Spring	5750' (-2520')	Atoka	10,002' (-6780')
	2 <sup>nd</sup> Bone Spring	6520' (-3298')	Morrow LS	10,211' (-6989')
	3 <sup>rd</sup> Bone Spring	7811' (-4589')	Morrow Sd	10,604' (-7382')
			Barnett	10,952' (-7730')

HISTORY: 5/75 Perf Morrow 10,921 - 10,629'. Set Baker model "D" pkr @ 10,550'. Acidize w/6000 gals 7 1/2 MS acid. Tested gas rate @ 500 MMCFGPD. Set blanking plug in pkr.

5/75 Perf Wolfcamp 8332 - 8493'. Treated w/500 gals acid & 1000 S.C.F. N2 per bbl. Flow tested.

9/75 Wolfcamp potential: CAOF 1147 mcf + 552 BOPD.

6/81 Squeezed Wolfcamp perms.

7/81 Perf additional Morrow zone 10,572 - 10,919', acidize w/6000 gals 7 1/2% acid + 1000 SCF N2/bbl. Turned to El Paso @ 870 MCFGPD.

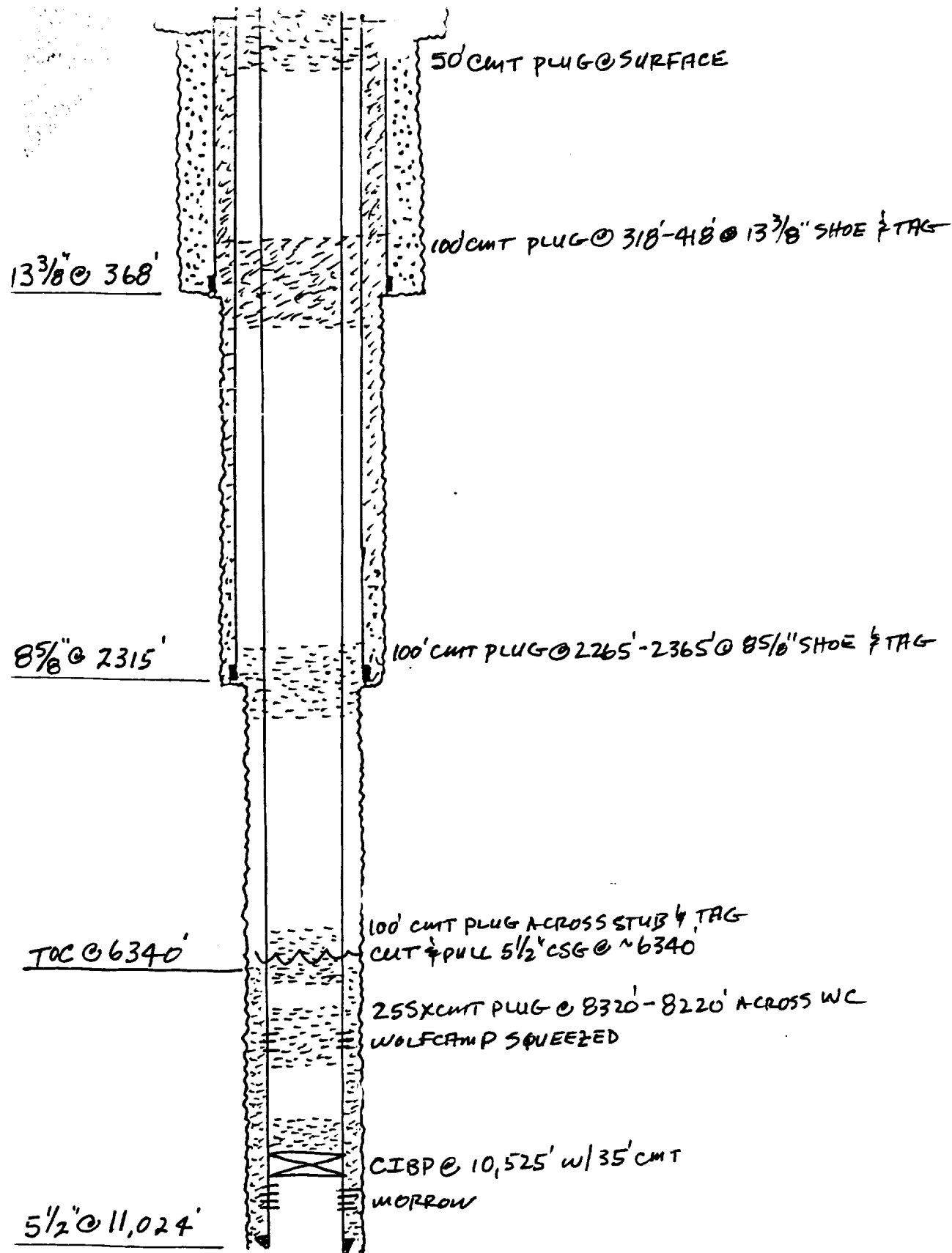
CURRENT STATUS: TA Morrow - depleted

PROPOSED OPERATION: Plug and Abandon (workstring to be furnished by plugging company)

1. Notify New Mexico Conservation Commission in Artesia, NM @ (505) 748-1283 & BLM Carlsbad @ (505) 887-6544.
2. RUPU. POH w/2 3/8" tubing + model "D" packer @ 10,557'.
3. RU wireline. TIH w/CIBP & set  $\pm$  10,525'. Cap w/35' cmt.
4. Circ hole w/salt gel mud consisting of 10# brine w/25# gel per bbl.
5. RIH w/tbg, spot 25 sx cmt plug from 8320 - 8220' (100') inside 5 1/2" casing across top of Wolfcamp.
6. RU casing jacks. Cut, pull & lay down 5 1/2" csg. TOC 6340' (temp. survey).
7. RIH w/tbg, spot 100' cement plug across casing stub (min 50 sx).
8. Spot 100' cement plug 2265 - 2365' across base 8 5/8" csg (min 40 sx).
9. Spot 100' cement plug 318 - 418' across base 13 3/8" csg (min 35 sx).
10. Set 10 sx cement plug @ surface. Install dryhole marker & clean location.

LEASE NO.: LC-072015C

LOCATION: 660' F/S, 1650' F/E SEC. 28 T. 20S R. 27E



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

N.M. Oil Cons. Division

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different zone.  
Use "APPLICATION FOR PERMIT—" for such proposals

LC072015-C

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

MARALO, LLC

3. Address and Telephone No.

P. O. BOX 832, MIDLAND, TX 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 1650' FEL, SWSE, SEC. 28, T20S, R27E

7. If Unit or CA, Agreement Designation

SCR188

8. Well Name and No.

HANSON FEDERAL COM #2

9. API Well No.

30-015-21489

10. Field and Pool, or Exploratory Area

AVALON; MORROW

11. County or Parish, State

EDDY, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **P & A EXTENSION REQUEST**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to last year's low gas prices, recompletion work has been delay; however, Maralo, LLC continues to monitor recent offset activity to evaluate production potential and requests an additional one year extension of the plug and abandon condition of approval.

TH Approved for 12  
Date 2/16/2001

14. I hereby certify that the foregoing is true and correct

Signed Donna Lagan

Title **REGULATORY ANALYST**

Date **JANUARY 31, 2000**

(This space for Federal or State office use)

Approved by

Title

Date 2/18/2000

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
License No. and Serial No.

N.M. Oil Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

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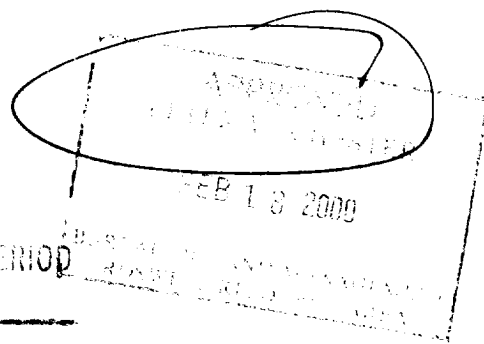
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APPROVED FOR MONTH PERIOD  
ENDING FEB 16 2001

14. I hereby certify that the foregoing is true and correct

Signed Donna L. Legan

Title **REGULATORY ANALYST**

Date **JANUARY 31, 2000**

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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RECEIVED  
2009 FEB 18 A 9 33  
JOURNAL OF LAW, MEDICINE  
& ETHICS