

OCD-ARTESIA

Form 3160-5
(February 2005)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1064-0127
Expires March 31, 2007North - West
MAR 26 2007
OCD-ARTESIA, NM

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 ☐ Other2. Name of Operator
MURCHISON OIL & GAS, INC.3a. Address
1100 MIRA VISTA BLVD. PLANO, TX 75093-46983b. Phone No. (include area code)
972-931-0700

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

SEC. 22, T-17S, R-27E
1830' FSL AND 660' FELLease Serial No.
NMNMI 025527A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MARALO FEDERAL #49. API Well No.
30-015-3079510. Field and Pool, or Exploratory Area
Logan Marrow Draw11. 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 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 checked="" 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2-16-07 M.I.R.U.
 2-20-07 Circ. well from 8,470' to surface. Dumpbail cmt. on top of existing CIBP.
 2-21-07 Set CIBP @ 6.120' w/ 40' cmt. on top.
 2-22-07 Spot 25 sx. @ 3.412'-3.171'. Calc. T.O.C. Cut & pull 5 1/2" @ 2,290.
 2-23-07 Spot 30 sx. @ 2.340'-2.229'. Measured T.O.C.
 2-26-07 Spot 40 sx. @ 1.873'. W.O.C & tag @ 1,840'. Spotted 50 sx. @ 1.840'-1.696'. Measured T.O.C.
 2-27-07 Spot 40 sx. @ 350'-224'. Measured T.O.C. Spot 25 sx. @ 100'-surface.
 Cut off csg. head & installed P & A Marker w/ the following information:
 MARALO FEDERAL #4
 SEC. 22, T-17S, R-27E
 1830' FSL AND 660' FEL
 EDDY COUNTY, NEW MEXICO
 API # 30-015-30795
 LEASE # NMNMI025527A
 P & A 02/27/07

Accepted for record
NMOCD

MAR 29 2007

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

TOMMY W. FOLSOM

Title PRODUCTION MANAGER

Signature

Date

3-15-07

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

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

Office

Date

MAR 22 2007

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.

WESLEY W. INGRAM
PETROLEUM ENGINEER

(Instructions on page 2)

MURCHISON OIL AND GAS, INC.
MARALO FEDERAL #4
SEC. 22, T-17S, R-27E
1830' FSL AND 660' FEL
EDDY COUNTY, NEW MEXICO

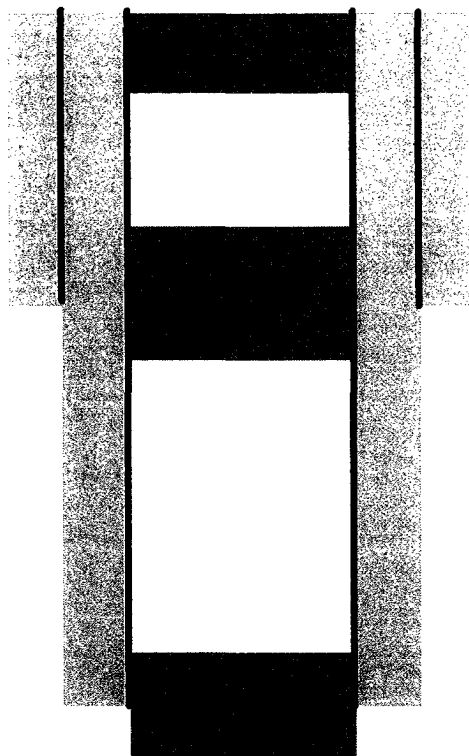
API # 30-015-30795

GL: 3548'
KB: 3567'

KB correction 19'

FORMATION TOPS

BOWERS	790'
QUEEN	953'
GRAYBURG	1178'
SAN ANDRES	1666'
GLORIETA	2972'
YESO	3218'
TUBB	4490'
ABO	5142'
WOLFCAMP	6350'
STRAWN	8762'
ATOKA	9073'
MORROW	9359'
MISS CHESTER	9632'



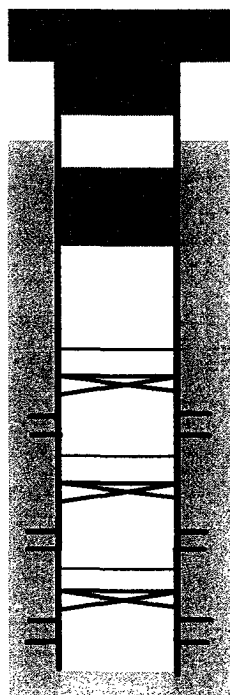
25sx surface plug @ 100'

13 3/8" shoe
17 1/2" HOLE
13 3/8" 61# J-55 BT&C
@ 300' CMT CIR. by 1"

spot 40 sx at 350' - 224' measured TOC

spot 50 sx @ 1,840' WOC tag at 1,696' TOC
spot 40 sx @ 1,873' WOC & tag at 1,840'
11" HOLE
8 5/8" 32# J-55 ST&C
@ 1,823' CMT CIR.

P&A MARKER
MURCHISON OIL AND GAS, INC.
MARALO FEDERAL #4
SEC. 22, T-17S, R-27E
1830' FSL AND 660' FEL
EDDY COUNTY, NEW MEXICO
API # 30-015-30795
LEASE # NMNM025527A
P & A 02/27/07



spotted 30 sx @ 2,340' measured TOC 2,229
cut off 5 1/2" csg @ 2,290'

Spot 25sx at 3,412' to 3,171' calc. T.O.C.

Abo Wolfcamp
6162' to 6172', 6194' to 6206', 6230' to 6236', 6245' to 6250'
6278' to 6288', 6306' to 6311', 6314' to 6323'

Atoka Perforations
9300 to 9303', 9288' to 9292', 9263' to 9266', 9239' to 9242'
9200' to 9212'

Morrow Perforations
9445' to 9473', 9522' to 9529', 9547' to 9552', 9585' to 9590'

CIBP at 6120' capped w/ 40' cmt

HOLE CIRCULATED W/ 10# salt gel

CIBP at 8,500' capped w/ 40' cmt

CIBP at 9400' capped w/ 30' cmt

7 7/8" HOLE
5 1/2" 17# N-80 LT&C
@ 9,270' Cmt Top 3,670' by TS