

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 August 1, 2011

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

WELL API NO. 30-015-36320
5. Indicate Type of Lease STATE FEE X
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name LAKE MCMILLAN "21"
8. Well Number 002
9. OGRID Number 24987
10. Pool name or Wildcat FOUR MILE DRAW; MORROW (GAS)

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.)

1. Type of Well: Oil Well Gas Well X Other

2. Name of Operator
WESTERN RESERVES OIL COMPANY INC.

3. Address of Operator
P.O. BOX 993, MIDLAND, TEXAS 79702

4. Well Location
Unit Letter; G ; 1980 feet from the NORTH line and 1980 feet from the EAST line
Section 21 Township 19S Range 26E NMPM EDDY County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3,343' - GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON X
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A
CASING/CEMENT JOB ☐

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.

- 1) SET 5-1/2" CIBP @ 9,400'; PUMP 25 SXS. CMT. @ 9,400'-9,210'; CIRC. WELL W/ PXA FLUID.
- 2) PUMP 25 SXS. CMT. @ 7,145'-6,975' (T/WC); WOC X TAG CMT. PLUG.
- 3) PUMP 25 SXS. CMT. @ 5,075'-4,925' (SPACER PLUG).
- 4) PUMP 80 SXS. CMT. @ 3,520'-2,935' (T/B.S., T/GLOR.); WOC X TAG CMT. PLUG.
- 5) PUMP 40 SXS. CMT. @ 1,460'-1,207' (9-5/8" CSG.SHOE); WOC X TAG CMT. PLUG.
- 6) MIX X CIRC. TO SURF. 65 SXS. CMT. @ 478'-3' (13-3/8" CSG.SHOE).
- 7) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

Approved for plugging of well bore only.
Liability under bond is retained pending receipt
of C-103 (Subsequent Report of Well Plugging)
which may be found at OCD Web Page under
Forms. www.cmnrd.state.nm.us/oed.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS
TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

Spud Date:

Rig Release Date:

NM OIL CONSERVATION
ARTESIA DISTRICT

Well must be plugged by 5/12/2016

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

MAY 11 2015

SIGNATURE David A. Eyler TITLE: AGENT

RECEIVED
DATE: 05/06/15

Type or print name: DAVID A. EYLER

E-mail address: DEYLER@MILAGRO-RES.COM

PHONE: 432.687.3033

For State Use Only

APPROVED BY: Dr. Dade

TITLE: Dist # Supervisor

DATE: 5/12/2015

Conditions of Approval (if any):

See Attached COA's

(3 STRING CSNG)

OPERATOR WESTERN RESERVES OIL CO. INC.
LEASENAME LAKE McMILLAN "21"

WELL # 002

SECT	<u>21</u> TWN	<u>19S</u> RNG	<u>26E</u>
FROM	<u>1980</u> (N) SL	<u>1980</u> (E) WL	
TD:	<u>9.780'</u>	FORMATION @ TD	<u>mRPW</u>
PBTD:	<u>9.569'</u>	FORMATION @ PBTD	

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 ³ / ₈	378'	SURF.	CIRC.	
INTMED 1	9 ⁵ / ₈	1410'	SURF.	CIRC.	
INTMED 2					
PROD	5 ¹ / ₂	9775'	SURF.	CIRC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	9446' - 9523'	
INTMED 2			OPENHOLE	-	
PROD					

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	1257'
CAPITAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSEY CANYON	
BONE SPRING	3470'
GLORIETA	2985'
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	7060'
PENN	
STRAWN	8730'
ATOKA	9020'
MORROW	9410'
GOSS	
DEVONIAN	

[illegible]

DAE 05/06/15

(3 STRING CSNG)

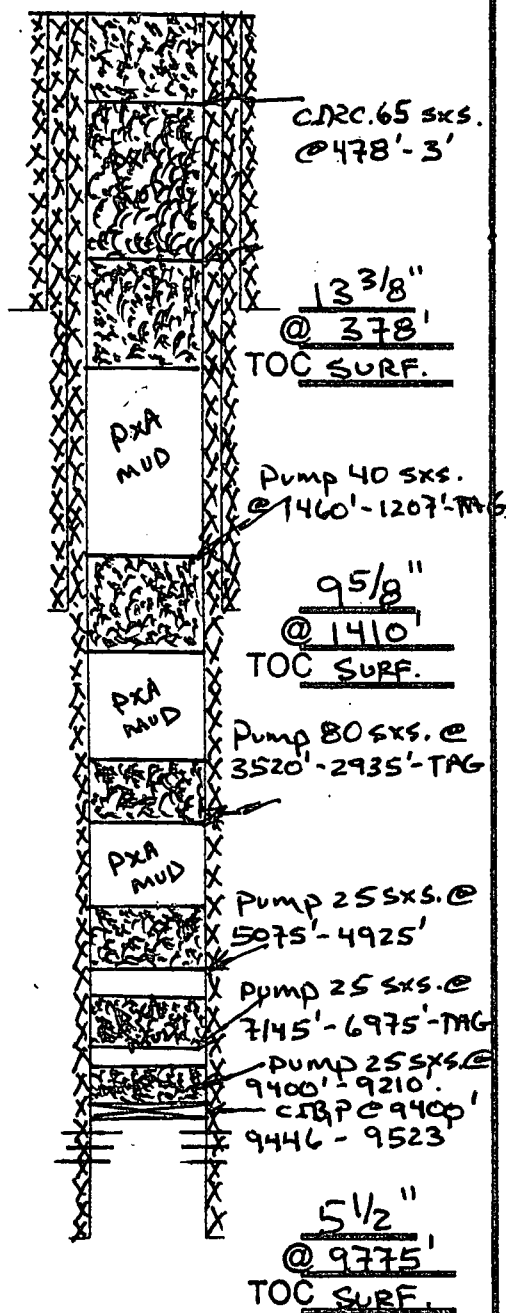
OPERATOR WESTERN RESERVES OIL CO. INC.
LEASENAME LAKE McMEILLAN "21"

SECT 21 TWN 19S RNG 26E
FROM 1980 NSL 1980 EWL
TD: 9.780' FORMATION @ TD mRPW
PBTD: 9.569' FORMATION @ PBTD

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13 ⁵ / ₈	378'	SURF.	CIRC.	
INTMED 1	9 ⁵ / ₈	1410'	SURF.	CIRC.	
INTMED 2					
PROD	5 ¹ / ₂	9775'	SURF.	CIRC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	9446' - 9523'	
INTMED 2			OPENHOLE	-	
PROD					

*** REQUIRED PLUGS DISTRICT I**

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	1257'
CAPITAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	3470'
GLORIETA	2985'
BLINEERY	
TUBB	
DRINKARD	
ABO	
WC	7060'
PENN	
STRAWN	8730'
ATOKA	9020'
MORROW	9410'
SAKS	
DEVONIAN	

[illegible]

TD 9780'

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: Western Resources

Well Name & Number: Lake McMillan 21 #2

API #: 30-015-36320

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 perms, 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.**

AD

5/12/2015

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 plug 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).