

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.

30-015-24316

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

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 ☒

OTHER

2. Name of Operator

3. Address of Operator

Murchison Oil + Gas
1100 Mira Vista Blvd.
Plano, TX 75093-4698

4. Well Location

Unit Letter : 1650 Feet From The N Line and 460 Feet From The W Line

Section

35

Township

245

Range

26E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11.

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See attached Proposed Procedure

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

SIGNATURE

TITLE

Production Manager

DATE

6/6/16/03

TYPE OR PRINT NAME

Temmy W. Folsom GUM

TELEPHONE NO.

628-3932

(This space for State Use)

ORIGINAL SIGNED BY TFW GUM
DISTRICT II SUPERVISOR

JUN 26 2003

APPROVED BY

TITLE

DATE

MURCHISON OIL AND GAS, INC.
MOORE FEDERAL COM. #1E
Section 35, T-24S, R-26E
1650' FNL and 460' FWL
Eddy County, New Mexico

WORKOVER PROCEDURE
MAY 29, 2003

CASING:

Surface	16"	- 65# H-40 ST&C	@ 244'	Cmt Cir.
Intermediate	10 3/4"	- 40.5# K-55	@ 1,910'	Cmt Cir.
Deep Intermediate	7 5/8	- 26.4# - S95,N-80,LT&C & 29.7# N-80	@ 8,602'	Cmt in 2 stages DV tool @ 5,792'
Liner	4 1/2"	- 13.5# N-80 LT &C (8,224' to 11,518')		Cmt.Cir

TUBING DETAIL:

Arrow Set packer is set at 10,123' w/ 1.87F nipple and 315 jts 2 3/8" N-80 tbg.

REFERENCE LOGS:

Schlumberger - CNL - FD dated 1-7-83
DLL dated 1-6-83

PLUGGED AND ABANDONED PERFORATIONS:

Morrow - 11,323' to 11,349', 10,961' to 11,243'
Atoka - 10,766' to 10,778'

EXISTING PERFORATIONS:

10,716' to 728', 10,700 to 702', 10,628' to 642', 10,602 to 604', 10,506' to 512', 10,326' to 330',
10,268' to 272'

PROPOSED CISCO PERFORATIONS:

9,962' to 66', 9,930' to 34', 9,912' to 16', 9,890' to 96', 9,880' to 82', 9,858' to 62', 9,842' to 48'

ELEVATION:

K. B. 3267' G.L. 3,252' KB Correction - 15'

EQUIPMENT:

500 PSI two phase separator, 2 - 300 Bbl oil tanks (1 oil tank has holes) 1
250Bbl FG OT water tank.

DISCUSSION:

The well is loaded with water and is producing at 5 to 8 MCFD. The well has produced high water volumes for the life of the well, and in all potential pay zones. The liner could have a channel to a water producing zone. It is felt that a test should be conducted to eliminate the question of a channel and repaired if one is indicated.

PROCEDURE:

1. RU slick line GIH pull plunger and bumper spring an collar stop.
2. RU Cardinal Survey and pump truck w/ 130 Bbls 3% KCL water. Pump down tbg and conduct a pump in tracer survey to evaluate for channel

NOTE:

If channel is indicated up hole from current perforations, a squeeze will be pumped to shut off any potential communication to Cisco perforations.

3. Set matting boards and RUPU, ND tree and NU BOP.
4. Release packer and POOH w/ tbg and packer.

Channel Indicated:

- A. RU wireline company and run junk basket and gauge ring, and CBL from 10,200' and up across potential Cisco pay.
- B. GIH w/ EZSV and set at 10,200', TIH w/ stinger and tbg squeeze w/ 150 sxs cmt as required, leaving 30' cmt on top of retainer.
- C. RU wireline and run CBL across potential channel to check squeeze, continue workover w/ step 5

No Channel indicated

- A. RU wireline company and set CIBP at 10,200' and cap w/ 30' cmt via dump bailor.
- B. Run CBL across potential pay to obtain good collar log and also evaluate cmt across potential Cisco pay.
- C. Continue w/ step 5

MOGI
MOORE 1e
Workover Procedure
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5. Perforate Cisco w/ 3 1/8" csg guns at 2 JSPF 120 degree phasing, as follows.

9,962' to 66' - 4' - 9 holes	9,930' to 34' - 4' - 9 holes
9,912' to 16' - 4' - 9 holes	9,890' to 96' - 6' - 13 holes
9,880' to 82' - 2' - 5 holes	9,858' to 62' - 4' - 9 holes
9,842' to 48' - 6' - 13 holes	Total 30' net pay and 67 holes

6. TIH w/ AS1 packer w/ 1.81 F nipple, and tbg set packer at 9,742' \pm , NDBOP and NU tree.

NOTE: (Test tbg in hole to 7K above slips.)

7. Swab test zone for clean up and production potential.
8. If acid treatment is required, treat w/ 3000 gals 15% HCL NEFE and 70 1.3 RCN ball sealers.
NOTE: (Tree saver will be required)
9. Flow and swab test as needed for production test.
10. Make battery adjustments as required and place well on production.

ESTIMATED COST

Pulling Unit 7 days at 1800/ day	\$ 12,600.00
Rental equipment	\$ 8,500.00
Pump trucks and water	\$ 3,500.00
Slick line	\$ 1,000.00
Electric line Services & tools	\$ 14,500.00
Company Supervision	\$ 7,500.00
Tbg Testing	\$ 2,500.00
Cmt Squeeze	\$ 9,500.00
Roustabouts	\$ 7,000.00
Misc.	\$ 2,500.00
Sub Total	\$ 69,100.00
+ 10% Cont.	\$ 6,910.00
Total	\$ 76,010.00

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MOORE FEDERAL COM #1E
SEC.35, T-24S, R-26E
1650' FNL AND 460' FWL
EDDY COUNTY, NEW MEXICO
API# 30 - 015 - 24316

GL - 3252'
KB - 3,267'

