

Submit 3 Copies To Appropriate District
Office
District I
1025 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO. 30-025-26198
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: STATE 23 COM
8. Well No. 001
9. Pool name or Wildcat Antelope Ridge (Morrow)

Unit Letter N : 660 feet from the South line and 1980 feet from the West line
Section 23 Township 23S Range 34E NMPM Lea County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)
3393.6' GR

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
MERRION OIL & GAS CORPORATION (014634)

3. Address of Operator
610 Reilly Avenue, Farmington, New Mexico 87401-2634

4. Well Location

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 ☐ MULTIPLE COMPLETION ☐

OTHER: ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: **Commingling Morrow & Atoka** ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

Pursuant to the attached procedure, Merrion Oil & Gas Corporation plans to:

1. Reperforate the Atoka from 12903'-09' and 12913'-21'.
2. Add Atoka perforations from 12933'-35' and 12947'-53'.
3. Acidize the Atoka with 4000 gal 15% HCl.
4. Commingling production from the Atoka and Morrow.

It appears that regulatory approval to commingle the two zones was received by previous operators, but was never done. MERRION OIL & GAS plans to allocate production to each zone based on production tests during and after the workover. Ownership of the two zones is common.

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

SIGNATURE George Sharpe TITLE

Investment Manager

DATE **8/24/00**

Type or print name **GEORGE F. SHARPE**

Telephone No. **(505) 327-9801**

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

REC'D
Hobb
OHO

Procedure to Re-Add Atoka Zone

September 5, 2000

Well:	STATE COM 23-1	Field:	Antelope Ridge Atoka – Morrow
Location:	660' FSL, 1980' FWL (SESW) Sec. 23, T23S, R34E Lea County, New Mexico	Elevation:	3394' GL
		By:	George Sharpe

Prior to Move In

1. Run Pressure Buildup Test (already being done!)
2. Depending on buildup results, stimulate Morrow with acid & methanol mix.
3. Check NMOC office for full log copies & for GR correlation log.
4. Check for anchors. Install if necessary.
5. Check wellhead companion flange for correct BOP connection.
6. Truck in 1 400 bbl frac tank. Fill w/ clean 2% KCl water.
7. RU slickline truck w/ lubricator. RIH w/ plug, set in 1.875" X nipple @ 13,157'.
8. Bleed down tubing pressure.

Pull Tubing, Wellbore prep

1. Move in, rig up.
2. ND WH, NU BOP's, stripping head.
3. Unset donut. Release on-off tool from Otis WB permanent packer.
4. Swab casing to get fluid out of hole and get baseline test of Atoka.
5. Fill csg to +/- 12,500' w/ clean 2% KCl (400' over Atoka). Tally out of hole.

Perforate and Acidize Atoka

1. RU Wireline Co. If needed, run GR correlation log from pkr to above Strawn at 12000'. Perf 12933-35 and 12947-53 w/ 2 spf per Neutron Density Log (16 holes). Re-perf 12903-09 and 12913-21' w/ 1 spf (14 holes). RD Wireline.
2. TIH w/ 2 7/8" tbg and 5" retrievable pkr and 5" RBP w/ ball catcher to +/- 13000'. Set RBP and pkr and test RBP to 4000 psi.
3. Release pkr and pull to 12950'. Spot 100 gal 15% HCl plus additives. Pull packer to 12,500'. Set pkr. **MONITOR BACKSIDE FOR PRESSURE DURING ACID JOB.**
4. Pump 100 gal 15% HCl plus additives per Halliburton procedure. Pump 10,000 scf N2 pad. Pump 2800 gal acid at +/- 4 bpm w/ 1000scf/bbl N2. Drop 100 1.3 sg balls through job. Flush to top perf w/ 2% KCl w/ 1000scf/bbl N2. Shut in 15 min.
5. Flow back and evaluate. Swab in if necessary.

Run Final Completion

1. Release pkr.
2. TIH to RBP. Release RBP and TOH.
3. TIH w/ on-off tool, 2-3/8 to 2-7/8 crossover, pup joint, sliding sleeve, 2.313" ID seating nipple (for piston lift), and 2-7/8" tubing.
4. Latch on to on-off tool. Open sliding sleeve. Swab well in if necessary.
5. Return well to production. RDMOL.
6. At some later date, pull plug out of packer and commingle Atoka and Morrow zones. Install piston lift if necessary.

RECEIVED
Hobbs
Ogd

030
Hobbs

WELL DATA SHEET

Lease STATE OIL "23" Well No. 1 Date 8/26/96
 Location SESW Sec 23 T23S R34E County Lea Field Antelope Ridge
Lea County State NM

Date Completed: 6/11/79
 Well Elevation: GR X3
 Producing Formation: Morrow
 From 13360 To 13419
 From To
 Initial Production: BOPD BWPD
 Initial Treatment:

Well initially produced the ATOKA
 until 6/94' cum 10.6 BCF. Well
 was recompleted in the Morrow and
 Frac'd w/ 64,400 gals 60% ALCOTAM
 AND 29,000 # 20/40 SAND.

Workover or Recompletion:

Present Production: — BOPD 12 BWPD
90 MCFPD
 Static F.L. @ Date
 Pumping F.L. @ Date
 Static BHP psi @ Date

Tubular Data:

Remarks:
 7 5/8" capacity - ±.045 Bbl/ft - 525 Bbls
 8180 psi burst
 5" capacity - .0158 Bbl/ft - 32 Bbls
 4240 psi burst
 2 7/8" capacity - .00579 Bbl/ft
 2 7/8 - 7 5/8" annulus - ±.037 Bbl/ft - 930 Bbls
 2 7/8 - 5" annulus - .0079 Bbl/ft

Δ 16" 65# H-40 @ 743'
 cmt w/ 300 SXS To Sur.

Δ 10 3/4" 40.5# S-30 @ 5120'
 cmt w/ 1700 SXS.

← 2 7/8" 6.5# N-80 AB MOD.

Δ 5" 23.2# Lnr Top @ 11,637'

Δ 7 5/8" 29.7# 33.7# S-95 @ 11,970'
 cmt w/ 425 SXS

ATOKA Perfs
 12903-09, 12913-21'

5" OTIS WB Pbr @ 13,171'

Morrow Perfs
 13360-13419'

PSTD @ 13642'

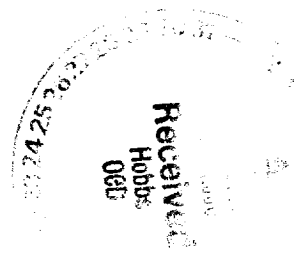
Δ 5" 23.2# Lnr. BTM @ 13,709'

Received
Hobbs
OKD
2007
12/26/07
12/26/07

COMPANY Hunt Oil Co.		WELL NAME Slide Can #1	
COMPANY REP. Kent Langhammer		TYPE COMPLETION FLUID IN CASING	
CASING	SIZE 7"	WEIGHT 29.2#	GRADE (Morrow)
LINER	SIZE 5"	WEIGHT 23#	GRADE
TUBING	SIZE 2 7/8"	WEIGHT 6.5#	GRADE N-80
UPPER	TYPE AA	LATCH R-H seal	DATE 7-13-84
MIDDLE	TYPE AA	LATCH R-H seal	DATE 7-13-84
LOWER	TYPE AA	LATCH R-H seal	DATE 7-13-84

ITEM	DEPTH	LENGTH	OD	ID	DESCRIPTION
	0	27.00	-	-	KB Correction
11	27.00	31.32	2.875	2.44	1 jt 2 7/8" Tubing
10	58.32	8.09	2.875	2.44	2 7/8" N-80 Tubing Sub
9	66.41	10.05	2.875	2.44	2 7/8" N-80 Tubing Sub
8	76.46	10.08	2.875	2.44	2 7/8" N-80 Tubing Sub
7	86.54	13.070	3.875	2.44	2 7/8" Tubing (42.3 jts)
6	13,156.92	.41	3.86	2.00	2 7/8" X 2 3/8" EUE Crossover
5	13,157.33	1.27	3.68	1.875	X' Profile OSTD (212SD 4500)
4	13,158.60	.40	3.06	2.38	J' latch ndl
3	13,159.00	.40	2.53	2.38	J' Latch (212J25503-B)
2	13,159.40	1.52	2.55	2.38	2- molded seals (212MSN25501-B)
1	13,160.92	.26	2.53	2.38	muleshoe guide
	13,161.18				Bottom of assembly
Packer Assembly					
A	13,159.00	2.40	3.80	2.55	4 1/2" 9.5-12.6" BwB Packer
					(212BWB 45100-B)
B	13,161.40	.52	3.20	2.00	Packer to 2 7/8" Eue Crossover
C	13,161.92	9.62	2.375	1.99	2 3/8" N-80 Sub
D	13,171.54	1.28	3.06	1.875	XN' Profile Nipple (711XN18701)
					1.875" PK _h bore / 1.791" NO-70
E	13,172.82	.39	3.06	2.00	Re-entry guide
	13,173.21				Bottom of assembly
Note: Perfs Above PKR (ATOKA)					
12,903-09 / 12,913-21					
Perfs Below packer (Morrow)					
13,360-76 / 13,372-96 / 1410-12 / 414-19					
Packer depth by tubing Tally					
	13,170.00				

2.313 sealing nipple



12800

ATOKA FORMATION

12900

12903-07

12913-21

Cumm
10.6 BCF

new
perts
1

12933-39

12947-53

Received
Hobbs
06/11
2024/262/25/18