

Submit 2 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-025-08555
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1398-31
7. Lease Name or Unit Agreement Name State M
8. Well Number 3
9. OGRID Number 004537
10. Pool name or Wildcat Eumont Yates Seven Rivers Queen

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
Citation Oil & Gas Corp.

3. Address of Operator
P.O. Box 690688, Houston, Texas 77269-0688

4. Well Location

Unit Letter A: 660 feet from the North line and 660 feet from the East line
Section 1 Township 21S Range 35E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3557' DF

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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 COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

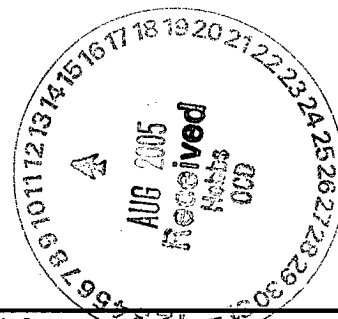
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐

CASING/CEMENT JOB ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Citation Oil & Gas Corp. requests approval to repair suspected casing leaks and return well to production per the attached procedure.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Debra Harris TITLE Production/Regulatory Coordinator DATE _____

Type or print name Debra Harris

E-mail address: dharris@cogc.com Telephone No (281) 517-7194

For State Use Only

APPROVED BY: Harry W. Wink

ORIGINAL SIGNED BY
ART TITLENK

DATE AUG 19 2005

Conditions of Approval (if any)

OCD FIELD REPRESENTATIVE II/STAFF MANAGER

WORKOVER PROCEDURE

PROJECT: State M#3 – squeeze casing leak and return to production

DRILLED & COMPLETED: 3/37 LAST WO: 7/78 PB & acidize

LOCATION: 660' FNL & 660' FEL, Sec 1, T-21S R-35E

FIELD: Eumont COUNTY: Lea STATE: NM

TD: 3,857' PBTD: 3,787' DATUM: 3,557' KB: 9'

CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE	TOC	REMARKS
12 1/2"	40#	164'	150 sx	17 1/2"	surface	Cmt circ'd
9 5/8"	36#	1,260'	375 sx	11"	Surface	Cmt circ'd
7"	24#	3,707'	175 sx	8 3/4"	2,683' est	TOC est. w/ 50% XS

Producing formation: Queen OH (3,707' – 3,787') 6 1/2" OH; Queen perfs: 3,686 – 3,700' (6 shots)

RODS: 147 – 3/4" Rods, 2 1/2" x 1 1/2" x 12' pump

TUBING: 121 jts 2 7/8" 6.5# J-55 8rd, 2 7/8" SN @ 3,690', 4' Perf'd sub, 1 2 7/8" BPMA btm'd @ 3,725'

MISC: Well shut in since Feb 1998 because of casing leak

PROCEDURE

- Notify NMOCD of planned work.
- Use 2% KCl water for all water placed in wellbore.
- Locate and rack 3800' 2 7/8" 6.5# N-80 WS.
- Locate and rack 3,700' 2 3/8" 4.7# J-55 8rd eue production tubing.
- Locate and rack 3,725' 3/4" Grade KD steel rods with subs
- Loacte 2" x 1 1/4" x 12' rod pump
- Re-sheave pumping unit for +/- 6 SPM.

1. MIRU PU.
2. POH w/rods. LD (147) 3/4" rods & 2 1/2" x 1 1/2" x 12' pump. Send to Ico in Odessa for inspection. Kill tbg and csg w/2% KCL water if necessary.
3. ND WH. NU BOP. POH w/121 jnts 2 7/8" prod tbg and SN, perf sub and MA.
4. RIH w/ 6 1/8" MT skirted bit and 2 7/8" SN on 2 7/8" 6.5# L-80 WS to 3,787' PBTD. Tally in hole. POH w/ bit.
5. RIH w/ 7" RBP, PKR and SN on 2 7/8" WS. Set RBP @ +/- 3,650' (top perf @ 3,686'). Test RBP to 1000 psi.
6. PUH w/ 7" PKR to isolate casing leak. Establish IR and record PI rate, pressure and SI pressure. Rls PKR and dump 2 sx sand on RBP. POH w/ PKR and 2 7/8" WS.
7. RIH w/ CICR and 2 7/8" SN on 2 7/8" WS. Set +/- 50' above HIC. Load annulus and pressure to 500 psi.
8. SQZ HIC w/cmt slurry to be determined.
9. PUH +/- 200' and REV TBG capacity. POH w/ 2 7/8" WS. SI WOC 24 hrs.
10. RIH w/ 6 1/8" MT skirted bit, SN and (6) 4" DC's on 2 7/8" WS to CICR. RU Rev Unit. DO cmt and CICR. Test SQZ to 500 psi. Diff test if required.



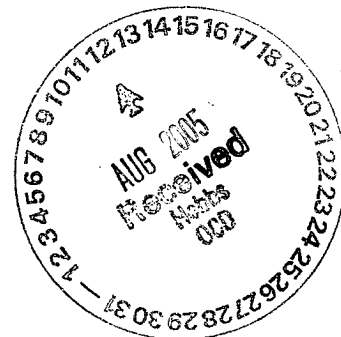
11. POH w/bit and DC's. RD RU.
12. GIH w/ RBP retrv head on 2 7/8" WS. Circ sand off of RBP @ 3,650'. Rlse RBP. POH and LD WS and RBP.
13. RIH w/2 3/8" 4.7# J-55 prod tbg as follows:

Quantity	Description	Feet	Total Length
117	2 3/8" 4.7# J-55 8rd tbg	3,650'	3,650
1	2 3/8" SN	31'	3,681'
1	2 3/8" perf'd sub	4'	3,685'
1	2 3/8" BPMA	31'	3,712

14. RIH w/ rods and pump as follows:

Quantity	Description	Feet	Total Length
1	1 1/4" x 16' PR w/ 1 1/2" x 8' PRL	16'	16'
Set	3/4" KD pony rods	+/- 10'	26"
147	3/4" KD steel rods	3,675'	3,701'
1	2" X 1 1/4" x 12' pump	12	3,713'

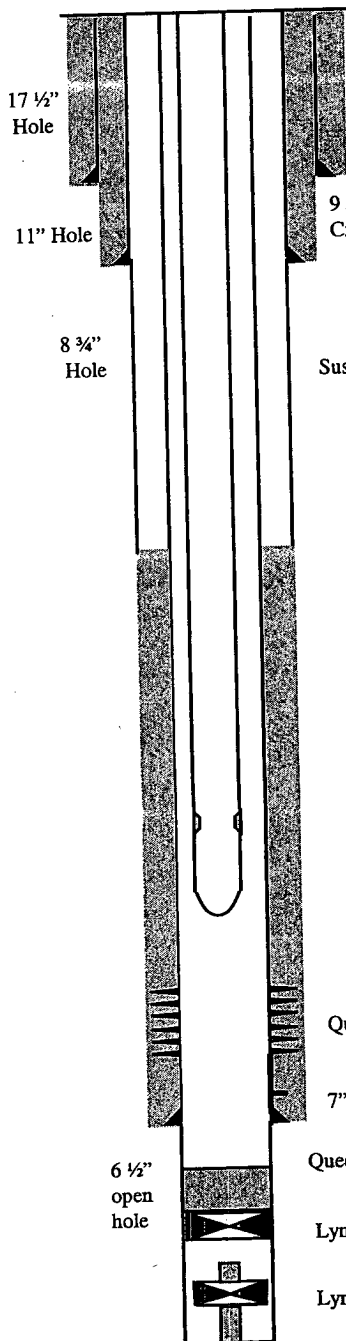
15. Space out 11" from bottom (Rod Star). Hang well on. Load tbg and pressure test pump.
16. RWTP and place on test.



CITATION OIL AND GAS CORPORATION

CURRENT WELLBORE DIAGRAM AND INFORMATION

Well Name: State M #3 Field: Eumont field
 Date: June 15, 2005 Location: 660' FNL & 660' FEL, Sec 1
 County: Lea State: Lea county, New Mexico



12 1/2" 40# @ 164', Cmt w/150
sxs w/ cmt circ'd



9 5/8", 36#, Csg @ 1,260'
Cmt'd w/ 375 sxs circ'd to surface

American Type 505 w/54" SL

Suspected HIC

6 1/2"
open
hole

Queen perfs 3,686' - 3,700' (6 shots)

7" 24# Csg @ 3,707' w/ 175 sx cmt w/ TOC @ 2,683' FS assuming 50% xs - calc

Queen OH 3,707 - 3,787', PB OH w/ Hydromite to 3,787' July '78

Lynes "AF-66" 4 5/8" inflatable OH pkr set @ 3,803'

Lynes "AF-66" 4 5/8" OH pkr w/ 8' x 2 3/8" sub lost - TOF 3,822'

PBTD @ 3,787' (7/78)
TD @ 3,857'

Surface: 660' FNL & 660' FEL
Sec 1, T-21-S and R-35-E
Lea County, NM
Completed: 3/1937
Elevation: 3,557 (DF)
KB: 9'

CASING DETAIL

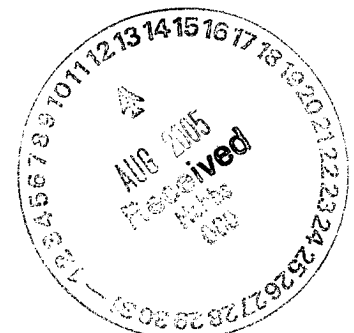
Size	Weight	Depth
12 1/2"	40#	164'
9 5/8"	36#	Surf - 1,260'
7"	24#	Surf - 3,707'
6 1/2"	Open Hole	3,707' - 3,787'

TUBING DETAIL

Qty	Description	Length	Depth
—	KB	9	9
121	Its 2 7/8", 6.5#, J-55 tbg 8rd	3680	3689
1	2 7/8" SN	1.1	3690
1	2 7/8" Perf Sub	4	3694
1	2 7/8" BPMA	31	3725

ROD DETAIL

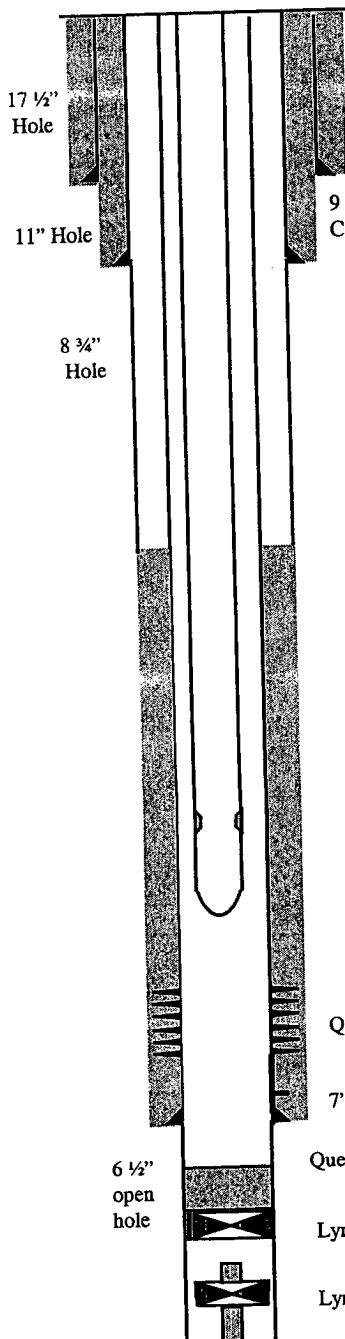
Qty	Size	Type	Length
1	1 1/4"	PR	16'
147	3/4"	steel rods	3,675
Polish Rod: 1 1/4" x 16' PR w/ 1 1/2" x 8' PRL			
Pump: 2 1/2" x 1 1/2" x 12' pump			



CITATION OIL AND GAS CORPORATION

PROPOSED WELLBORE DIAGRAM AND INFORMATION

Well Name: State M #3 Field: Eumont field
 Date: June 15, 2005 Location: 660' FNL & 660' FEL, Sec 1
 County: Lea State: Lea county, New Mexico



12 1/2" 40# @ 164', Cmt w/150
sxs w/ cmt circ'd



9 5/8", 36#, Csg @ 1,260'
Cmt'd w/ 375 sxs circ'd to surface

American Type 505 w/54" SL

Surface: 660' FNL & 660' FEL
Sec 1, T-21-S and R-35-E
Lea County, NM
Completed: 3/1937
Elevation: 3,557 (DF)
KB: 9'

CASING DETAIL

Size	Weight	Depth
12 1/2"	40#	164'
9 5/8"	36#	Surf - 1,260'
7"	24#	Surf - 3,707'
6 1/2"	Open Hole	3,707' - 3,787'

TUBING DETAIL

Qty	Description	Length	Depth
---	KB	9	9
117	Jts 2 3/8", 4.7#, J-55 tbg 8rd	3650	3659
1	1 jnt 2 3/8" 4.7# J-55 IPC tbg	31	3690
1	2 3/8" SN	1.1	3691
1	2 3/8" Perf Sub	4	3695
1	2 3/8" BPMA	31	3726

ROD DETAIL

Qty	Size	Type	Length
1	1 1/4"	PR	16'
147	3/4"	steel rods	3,675
Polish Rod: 1 1/4" x 16' PR w/ 1 1/2" x 8' PRL			
Pump: 2" x 1 1/4" x 12" pump			

Queen perfs 3,686' - 3,700' (6 shots)

7" 24# Csg @ 3,707' w/ 175 sx cmt w/ TOC @ 2,683' FS assuming 50% xs - calc

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6 1/2"
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hole

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TD @ 3,857'

