

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

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

Form C-103

Revised March 25, 1999

<p>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.)</p>		<p>WELL API NO. 30-025-21872</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></p>
<p>2. Name of Operator Citation Oil & Gas Corp.</p>		<p>6. State Oil & Gas Lease No. B-10709</p>
<p>3. Address of Operator P O Box 690688 Houston, Texas 77269</p>		<p>7. Lease Name or Unit Agreement Name: State</p>
<p>4. Well Location Unit Letter <u>E</u> : <u>1650</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>West</u> line Section <u>36</u> Township <u>24S</u> Range <u>36E</u> NMPM Lea County</p>		<p>8. Well No. <u>2</u></p>
<p>10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3278' DF</p>		<p>9. Pool name or Wildcat Jalmat Yates</p>

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: Squeeze lower Yates OH and return to production ☒

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

Citation Oil & Gas Corp. proposes to knockout existing CIBP and squeeze the lower Yates OH section and return well to production with attached procedure.

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

SIGNATURE Sharon Ward TITLE Regulatory Administrator DATE July 9, 2001
Type or print name Sharon Ward Telephone No. 281-571-7800

(This space for State use)

APPROVED BY _____ TITLE _____ DATE JUL 13 2001
Conditions of approval, if any:

WORKOVER PROCEDURE

PROJECT: State A 36 #2 (Jalmat) – Squeeze Lower Yates OH (w/ DO, Re-Perf and Acidize)

DRILLED & COMPLETED: 9/66 LAST WO: 9/00 – Acidize

LOCATION: Sec. 36-24S-36E

FIELD: Jalmat COUNTY: Lea STATE: NM

TD: 2,867' PBTD: 2,784' KB: 9'

CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
13 3/8"	54.5#	112'	100	17 1/2"	surf	
8 5/8"	24#	1200'	650	11"	surf	cmt circ.
4 1/2"	10.5#	2800'	300	6 3/4"	900'	TOC est. w/ 75% excess - CIBP @2784'
OH		2867'		3 7/8"		

Producing formation: 2636' – 2772' OA Tansill & Yates

TBG: 88 jts 2 3/8" 4.7# J-55 8RD EUE, SN @ 2721', slotted OPMA

Note: CIBP @ 2784'

PROCEDURE

➤ Use 2% KCl for all water pumped into the well

1. MIRUPU. POH w/ rods and pump.
 2. NDWH. NUBOP. RIH w/ 2 3/8" Tbg and tag bottom. POH w/ 2 3/8", 4.7#, J-55 eue 8rd Prod Tbg, SN, 4' perf sub and 1 jt 2 3/8" BPMA. Strap out of hole.
 3. RIH w/ Pkr on 2 3/8" 4.7# N-80 WS to 2780' and set Pkr. Load Tbg w/ 2% KCl and PT CIBP to 500#. POH w/ Pkr and 2 3/8" WS.
 4. RIH w/ Sandline Drill Bailer and KO CIBP @2784'. Push CIBP to btm. POH w/ Drill Bailer.
 5. RIH w/ 2 3/8" x 4 1/2" CICR on 2 3/8" WS. Set CICR @ +/- 2784'. Establish PIR into Lower Yates OH (2800' – 2867').
 6. Squeeze Lower Yates OH w/ cmt volume to be determined.
 7. POH w/ Stinger and 2 3/8" WS. Wait on cmt 24 hrs.
 8. RIH w/ 3 7/8" bit on 2 3/8" WS. Tag PBTD and POH w/ bit. Evaluate tag depth for DO and re-perforating.
- NOTE: The following steps 9 – 15 may or may not be required depending on squeeze results. ✓
9. RIH w/ 3 7/8" bit, bit sub and 6 – 3 1/8" DC's on 2 3/8" N-80 WS to +/- 2500'.
 10. RU foam air unit and power swivel. FIH w/ bit to top of cmt. DO cmt to +/- 2779' (5' above CICR @ 2784'). CHC. RD foam air unit and power swivel.
 11. POH w/ bit and WS. LD DC's.
 12. Evaluate cmt DO to determine interval to be re-perf'd. RU WL w/ full lubricator. If necessary, re-perforate Tansill – Yates w/ 3 1/8" perforating gun at 1 JSPF (0.38" holes). The existing perfs are listed below: (NOTE: Log strip w/ perfs marked is attached.)
Tansill – 2636', 37', 38', 41', 42', 43', 44', 46', 47', 48', 50', 51', 52', 54', 55' and 56'. (16 holes)
Yates – 2681', 94', 97', 2702', 05', 07', 13', 14', 26', 29', 36', 38', 39', 44', 49', 57', 59', 60', 64', 67' and 72'. (21 holes)
RD WL.

13. RIH w/ PPI tool and 2 3/8" SN on 2 3/8" WS to 2772'.
14. RU Acid Co. Spot 75 gal 15% AS acid across Tansill – Yates perms. Open csg valve and monitor throughout job. Acidize Tansill – Yates perms (2636' – 2772') w/ 2000 gal 15% AS acid using PPI tool at matrix rates of 3/4 - 1 BPM in intervals to be determined. Flush w/ 2% KCl. Record ISIP's. RD Acid Co. (Note: Max P for tbg = 7800 psi @ 80% of new. Pump acid job at less than 500 psi if possible.)
15. RU swab. Swab until clean fluid or minimal fluid entry. Rlse Pkr and POH w/ pkr and WS. LD WS.
16. RIH w/ 2 3/8" 4.7# J-55 EUE 8rd production TBG as follows:

QTY	ITEM	LENGTH	DEPTH
TUBING			
87	Jts 2 3/8" 4.7# J-55 eue 8rd TBG	2682'	2691'
1	JT 2 7/8" J-55 6.5# IPC EUE 8RD TBG	31'	2722'
1	2 3/8" SN	1.1'	2723'
1	2 3/8"x 4' Perf Sub	4.0'	2727'
1	Jt 2 3/8" J-55 BPMA	31'	2758'

17. ND BOP. NU WH.
18. Run rod string as follows: (Note: Run NiCarb pump barrel if well is not acidized. Run current Brass – Chrome pump barrel if well is acidized.)

RODS

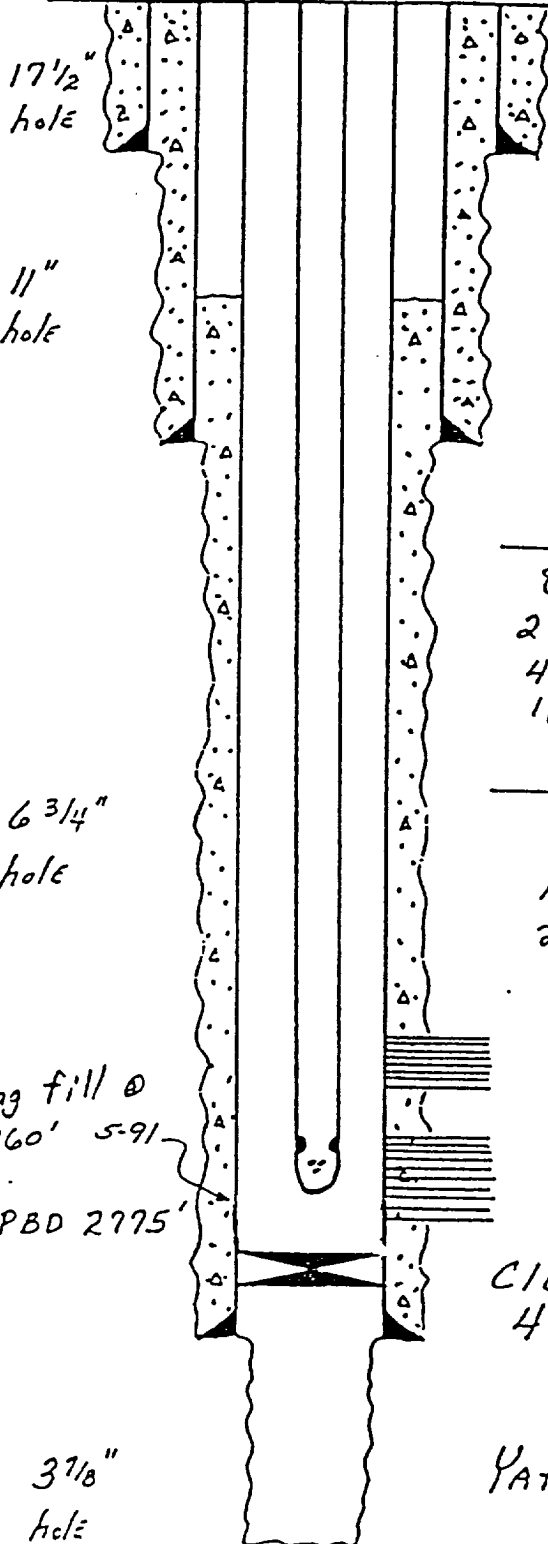
1	3/4" D Pony Rods
110	3/4" D Rods w/SHSM couplings
1	2" x 1 1/4" x 14' Pump

19. Load tbg and pressure test pump. Space out & hang well on.
20. Monitor production and fluid levels.

General Purpose Worksheet

Subject	State	# 2	Page No.	1	Of	1
File	Jalmat Field	Drill + Compl. 9-66	By	T. Day	Date	-4-20-88
PRESENT STATUS			JAC	12-13-99		
			TS	4/30/01		

DF to GL = 9'



13 3/8" 54.5# csq @ 112' w/ 100 sx cmt Circ'd.

Calc'd TOC behind 4 1/2" csq. @ 900' using 75% excess

8 5/8" 24 # csq @ 1200' w/ 650 sx cmt Circ'd.

Completion Assembly 9-99

88 jts 2 3/8" 4.7# J-55 EUE 8rd tbg

2 3/8" SN @ 2721'

4' - 2 3/8" P.S.

1jt 2 3/8" BPMA EOT @ 2756'

Rod Detail 9-99

3/4" ponies

106 - 3/4" rods

2" x 1 1/4" x 14' RWBC pump

AS PER S.B. 11
512 250' BELOW
TOP OF YATES

TANSILL perfs 2636 - 2656' (16 shots) 6-85

YATES perfs 2681 - 2772' (26 shots)

CIBP @ 2784' (No cmt) 10-6-00

4 1/2" 10.5# csq @ 2800' w/ 300 sx cmt.

YATES OH 2800 - 2867'

* SOME PERFS
COVERED w/ fill
5/91.

TN 2817'