

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

RECEIVED

2. Name of Operator

MAR 24 2004

CITATION OIL & GAS CORP.

3a. Address

P.O. Box 690688, Houston, Texas 77269-0688

3b. Phone No. (include area code)

(281) 517-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit K, 1980' FSL & 1650' FWL Sec. 34, T23S, R34E

5. Lease Serial No.

E-8078

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

Antelope Ridte Unit

8. Well Name and No.

Antelope Ridge Unit #3

9. API Well No.

30-025-21082

10. Field and Pool, or Exploratory Area

Antelope Ridge Morrow

11. County or Parish, State

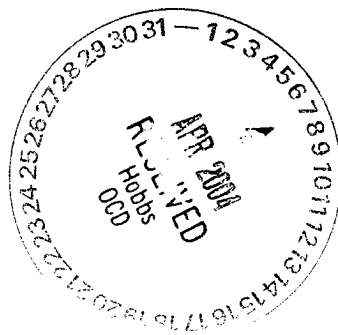
Lea County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Citation request permission to acid stimulate the Morrow A & B with a CO2 foamed acid system as per the attached procedure.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sharon Ward

Title

Regulatory Administrator

Signature

Date

March 16, 2004

Approved by

(ORIG. SGD) DAVID R. GLASS

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

GWW

WORKOVER PROCEDURE

PROJECT: ARU #3 – Acid Stimulation

DRILLED & COMPLETED: 4/64 LAST WO: 4/97 – OAP in Morrow

LOCATION: 1980' FSL & 1650' FWL SEC. 34, T-23S, R-34E

FIELD: ANTELOPE RIDGE COUNTY: LEA STATE: NM

TD: 14,940' PBTD: 13,708' DATUM: 3491' KB KB to GL: 23'

CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
20"	94#	367'	600 sx	26"	SURF	CIRC
13 3/8"	61-72#	5100'	4880 sx	17 1/2"	SURF	CIRC
9 5/8"	43.7-47#	11,930'	1800 sx	12 1/4"	5340'	TS
7" Lnr	32#	14,095'	1100 sx	8 3/4"	13,735'	LINER F/ 8189' - 14,095'
4 1/2" Lnr	13.5#	14,935'	135 sx	6"	13,735'	LINER F/ 13,714' - 14,935'
7" Scab Lnr	23-26#	6023'	None	NA	NA	LINER F/ Surf - 6,023'

PRESENT FORMATION AND COMPLETION: Morrow A&B (12,838'-12,959') 56 SHOTS

TUBING: (1) Jt 2 7/8" 6.5# L-80 eue 8rd AB Mod tbg, (5) 2 7/8" AB Mod subs (6', 6', 6', 4' and 2'), (403) Jts 2 7/8" AB Mod tbg, HOWCO BWB pkr w/ J-Latch Seal Assm @12,725', X-Over, Millout Ext, X-Over, 2 7/8" 6.5# N-80 eue 8rd Tbg Sub, 2.313" Otis "X" Profile Nipple @ 12,743', 2 7/8" 6.5# N-80 eue 8rd Tbg Sub, 2.313" Otis "XN" Profile Nipple @ 12,754' and WL Reentry Guide.

MISC.: Shot sqz holes in 7" Lnr @ 12,865' – 12,870' and sqz'd w/ 1800 sx. Tested OK. Shot sqz hole in 7" Lnr @ 11,960' and sqz'd w/ 1350 sx. Tested OK.

PROCEDURE

- Notify NMOCD 48 hrs prior to workover of intent.
 - Change out 5000# swab valve with rental 10,000# swab valve.
 - Replace 1 13/16" 10,000# wing valve prior to workover.
 - Run acid compatibilities on produced fluids.
 - Rig up test manifold and test tank. Stake down all flowlines.
 - Use 2% KCl for all water pumped into the well.
1. Load 7" Annulus w/ 9# treated BW.
 2. RU Acid Co. Acidize Morrow perms (12,838' – 12,959') with 2500 gal 7 1/2% HCL acid foamed to 70 quality w/ CO₂ at 4 BPM as per attached recommendation. Drop 50 1.3 SG RCBS in stages. Flush to btm perf w/ 7% KCl water foamed to 70 quality w/ CO₂. Record rates, ISIP and 5, 10 and 15 min SIP's. (NOTE: Max P = 7500 psi, 67% of new rating.)
 3. After recording SIP's, close swab valve and open wing valve to frac tank on 8/64" chk. Adjust chk as need to flow back fluid and CO₂ load. Flow well back to test tank to recover load and clean up.
 4. When CO₂ drops to permissible limits, turn well down flowline to test separator.
 5. Monitor tests and flowing pressures.

General Purpose Worksheet

Subject	Antelope Ridge #3		Page No.	1	Of	1	
File	Antelope Ridge (DEVONIAN) Field API# 30-025-21082		By	T. Day		Date	5-16-

PRESENT STATUS

