

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM 94191
2. Name of Operator HARVEY E. YATES COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 1933, ROSWELL, NM 88202-1933		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) (505)623-6601		8. Well Name and No. SHOOT 12 FEDERAL #02
4. Location of Well(Footage, Sec., T., R., M., or Survey Description) 420' FSL & 990' FEL SESE SEC 12 T 18S R 32E		9. API Well No. 30-025-30951
		10. Field and Pool, or Exploratory CORBIN DELAWARE <i>West</i>
		11. County or Parish, and State LEA COUNTY, NM

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 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SQUEEZE PERFS, DRILL OUT
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	CIBP, ACDZ EXISTING PERFS

13. Describe Proposed or Completed Operation (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.)

HEYCO PROPOSES FOLLOWING WORK (SQZ PERFS 4943-51', DRILL OUT CIBP & ACIDIZE EXISTING PERFS @ 6994-98' & 8854-96')

- CHECK ANCHORS, HW RODS & TBG. MIRU & POOH W/RODS & TBG. SET PKR @ 4890' & TEST TO 1000#.
- SQUEEZE PERFS AT 4943 - 51' TO 3000#. UNSET PKR & REVERSE CMT IN TBG TO PIT.
- DRILL OUT CEMT & TEST SQUEEZE TO 1000#. IF OK, DRILL OUT CMT & CIBP @ 6900'. TAKE TO 9200' & POOH.
- TEST TBG TO 6000# TO 8900'. PICKLE TBG W/500 GALS 15% HCl NEFE ACID. SPOT ACID ACROSS PERFS @ 8854-96'. BREAK DOWN PERFS & FOLLOW WITH 2000 GALLONS SAME ACID & 44 BALL SEALERS. TOTAL ACID 2700 GALLONS.
- SWAB TEST TO RECOVER LOAD. POOH W/TBG & PKR.
- GIH W/RBP TO 7200', SET PKR @ 7100' & TEST RBP TO 2000#. IF OK, ACIDIZE WITH 15% HCL NEFE ACROSS PERFS @ 6994-98'
- SWAB TEST.
- POOH W/TBG & PKR. GIH W/TBG & TAC. SET SN @ 8990', TAC @ 6970'. GIH W/PUMP & RODS & RETURN TO PRODUCTION.

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

Name (Printed/Typed) JEN ATKINSON

Title PROD ANALYST

Signature *Jen Atkinson*

Date 7/15/05

APPROVED

JUL 26 2005

CARY GOURLEY

PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

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.