

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO 88240

Lease Expires August 31, 1985

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" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		8. FARM OR LEASE NAME Bates Federal	
3. ADDRESS OF OPERATOR P.O. BOX 68 HOBBS, NEW MEXICO 88240		9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL x 1980' FWL (UNIT N, SE1/4, SW1/4)		10. FIELD AND POOL, OR WILDCAT East Gem Gates	
14. PERMIT NO. 3002522487	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3606' RDB	12. COUNTY OR PARISH Lea	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input checked="" type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Propose to shut-off water coning as follows:

- MISU and kill well with lease brine. POH with rods, pump, and tubing.
- RIH with 3 1/8" hollow carrier casing gun and perforate the Gates interval 3360'-3370' with 4JSWF at 90° or 120° phasing.
- RIH with pin point injection packer and workstring. Acidize 3360'-3370' at one foot intervals with 50 gals 15% HCL acid per interval.
- Re-set packer at 3355' and swab well to recover load.
- RIH with cement retainer and set at 3356'.
- Pump 10,000 gals of Injectrol G down 2 3/8" tubing and 10,000 gals of 10" brine down backside simultaneously. Pump 50 SX class C Neat down tubing. Flush tubing with 12 Bbls 2% KCL FW. Stringout

0 + 5 BLM, 1 - JRB, 1 - FJN, 1 - CMH (OVER)

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

SIGNED [Signature] TITLE Administrative Analyst (SA) DATE 9/30/85

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE _____ DATE 10-9-85

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

- of retainer and reverse excess cement.
7. PPH with tubing. RTH with same pumping configuration as was pulled. Leave well shut in 48 hrs. Land seating nipple at 3340'.
 8. Return well to production.

RECEIVED
OCT 10 1985
O.C.C.
HOBB'S OFFICE