STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-7

5a. Indicate Type of Lease: State [ ] Fee [X]
5. State Oil & Gas Lease No.

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. OIL WELL [X] GAS WELL [ ] OTHER-
7. Unit Agreement Name
2. Name of Operator: Amoco Production Company
8. Farm or Lease Name: South Hobbs (GSA) Unit
3. Address of Operator: P. O. Box 68, Hobbs, New Mexico 88240
9. Well No.: 23
4. Location of Well: UNIT LETTER B, 660 FEET FROM THE North LINE AND 2370 FEET FROM THE East LINE, SECTION 3, TOWNSHIP 19-S, RANGE 38-E, NMPM.
10. Field and Pool, or Wildcat: Hobbs (GSA)
15. Elevation (Show whether DF, RT, GR, etc.): 3617' RDB
12. County: Lea

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK [X]	PLUG AND ABANDON [ ]	REMEDIAL WORK [ ]	ALTERING CASING [ ]
TEMPORARILY ABANDON [ ]		COMMENCE DRILLING OPNS. [ ]	PLUG AND ABANDONMENT [ ]
PULL OR ALTER CASING [ ]	CHANGE PLANS [ ]	CASING TEST AND CEMENT JOB [ ]	
OTHER [ ]		OTHER [ ]	

17. 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.

Propose to run an tracer survey, squeeze water channel, reperforate, acidize and recover cementing tool left in open hole as follows: Rig up service unit and install blow out preventer. Release anchor, pull rods, pump and tubing. Run in hole with packer and workstring. Set packer at 3950' ±. Run pump in tracer by 1. Loading backside and establishing injection rate of approx. 1 BPM using produced water. 2. When injection rate and pressure have stabilized, run a survey consisting of tracer loss and velocity shots to determine if communication is occuring behind pipe between perfs 4048'-4118' and squeezed zone 4145'-60'. If communication is occuring behind pipe between perfs 4074'-90', squeeze zone 4145'-60' or if squeezed perfs 4145'-60' are leaking, release packer and pull out of hole. Plug back to 4174' with 10/20 mesh sand. Tag and cap with 5' Cal Seal. Run in hole with packer fo 5", 13# casing and workstring. Set packer at ±4000'. Pump produced water down tubing. Release packer and pull out of hole. Run in hole with cement retainer for 5", 13# casing and workstring. Set retainer at 4000±'. Load backside and cement squeeze Grayburg perfs, 4048'-4118' to a maximum of 2000 PSI as follows: 1. Pump 50 sacks class C neat at 2 BPM. 2. Pump 100 sacks class C with 10#/sack Tuf Pluf at 1-1/2 BPM. 3. Tail in with 100 sacks class C neat at 1 BPM, 4. Sting out of retainer and reverse out excess cement. Pull out of hole, and wait on cement. Run in hole with bit, casing, drill collars and workstring. Drill out cement retainer, and cement to 4125'. Test squeeze perfs to 500 PSI. Clean out sand and set retainer at 4210'. Run in hole with overshot, workstring and fish pip tool set at 4210'.

OIA-NMOCD,H, 1-HOU 1-SUSP 1-PJS 1-F. J. Nash

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

SIGNED Peter J. Serna TITLE Assist. Admin. Analyst DATE 4-12-83

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE APR 14 1983

CONDITIONS OF APPROVAL, IF ANY:

If pip tool is not needed, run in hole with mill and workstring. Mill out pip tool to 4232' Pull out of hole. Run in hole with 1 joint tailpipe, treating packer and workstring. Packer set at 4170±'. Acidized open hole 4200'-32'. perfs 4174'-90' with 2000 gals. 15% NE HCL acid containing 1 gal/1000 corrosion inhibitor. Pump acid and flush. Release packer and pull out of Hole. Run in hole with casing gun and reperforate the Grayburg interval 4048'-4114' wit 2 JSPF at 90° or 120° phasing. Pull out of hole. Run in hole with retrievable bridge plug, head, treating packer and workstring. Set RBP at 4122'±. Spot 1-1/2 bbl of 15% NE HCL with 1 gal/1000 corrosion inhibitor across perfs 4048'-4114'. Set packer at 4000'. Open by pass valve and pump tubing volume of 15% NE HCL acid. Close by-pass and acidize. Release packer and pull out of hole. Run in hole with gas anchor, perforated nipple, seating nipple, tubing anchor, tubing, pump, and rods. Rig down, and pump test to evaluate productivity.