Form 3160-5
November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.: SF-078828

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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 ☐ GAS WELL ☒ OTHER

7. UNIT AGREEMENT NAME: Gallegos Canyon Unit

2. NAME OF OPERATOR: Amoco Production Company

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 501 Airport Drive, Farmington, New Mexico 87401

9. WELL NO.: 207

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1585' FNL x 1980' FEL

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JAN 16 1984
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SW/NE, Sec.14, T28N, R12W

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5766' RDB

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☒	CHANGE PLANS	☐	(Other)			☐
(Other)				(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.)*

Amoco Production Company requests approval to repair the above referenced well according to the attached procedure.

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JAN 23 1984
OIL CON. DIV.
DIST. 3

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

SIGNED _____ TITLE Dist. Adm. Supervisor DATE 1/12/84

APPROVED

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE JAN 18 1984

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

*See Instructions on Reverse Side

D. M. MILLENBACH
AREA MANAGER

Section 1001, makes 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.

FARMINGTON DISTRICT WORKOVER

OPERATIONS TO BE PERFORMED: (Circle One) Recompletion (Repair) Service

LEASE AND WELL Gallegos Canyon Unit #207 FIELD Basin Dakota

FORMATION Dakota LOGS Induction - Sonic GR

LOCATION 1585' FNL X 1980' FEL, Sec. 14, T28N, R12W, San Juan County, N.M.

COMP. DATE 1-9-66 EL: 5752' GL TD: 6329' PBD: 6312'

CSG: 8 5/8" 24 # CSA @ 377': 4 1/2" 10.5 # CSA @ 6329'

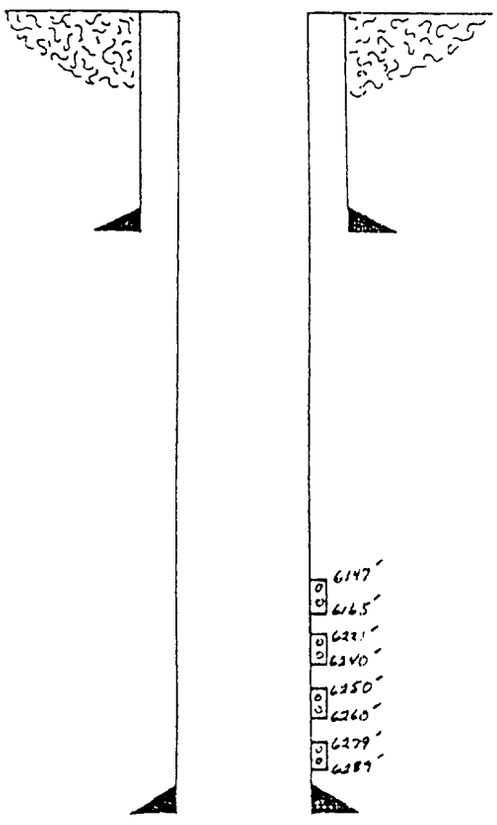
COMP. INT. 6147'-65', 6221'-40', 6250'-60', 6279'-89' ORIG. STIM. 106,500 gal wtr. X 110,000 # sd

IP 11,846 mcfd (1-19-66) CURRENT PROD. INT. 6147'-6289'

PURPOSE: Repair Casing Leak

SDB DHS GOM 5/PERMITTING DESK (JMS, RWO, 2FF) ENGR FILE

WELLBORE SKETCH



PROCEDURE

1) TOH WITH 2 3/8" TUBING LANDED AT 6170'. TUBING WILL BE WET DUE TO TUBING PLUG STUCK IN NIPPLE AT BOTTOM OF TUBING.

2) TIH WITH RETRIEVABLE BRIDGE PLUG, 2 3/8" TUBING, AND PACKER. SELECTIVELY TEST FROM 1000' TO SURFACE (LEAK IS BELIEVED TO BE IN THE OJO ALAMO FORMATION BETWEEN 400'-500'). IF NO LEAK IS FOUND NEAR SURFACE, SELECTIVELY TEST FROM 6125' TO SURFACE.

3) WHEN CASING LEAK (S) IS FOUND, SET RETRIEVABLE BRIDGE PLUG 50' BELOW LEAK AND DUMP SAND ON TOP OF BP.

4) IF SUFFICIENT RATES OF INJECTION ARE OBTAINED ALLOWING US TO SQUEEZE, FOLLOW THE SQUEEZE PROCEDURE BELOW (STEP 6). IF SUFFICIENT INJECTION RATES ARE NOT OBTAINED, ACIDIZE WITH 250 GALLONS 15% HCl ACID.

→

DISTRICT SUPERINTENDENT

DISTRICT ENGINEER Dale H. Akerman

DISTRICT FOREMAN Stevens

ENGINEER Michael Barnes

DATE 1/10/84

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JAN 20 1984

GALLEGOS CANYON UNIT No. 207 (CONT.)

5) IF SUFFICIENT RATES OF INJECTION STILL CANNOT BE OBTAINED, PERFORATE 1 FOOT OF CASING ACROSS THE CASING LEAK WITH 4 SPF.

6) SQUEEZE CASING LEAK AND/OR PERFORATIONS ACROSS LEAK WITH 100 SX CLASS B CEMENT CONTAINING 2% $CaCl_2$, 6% GILSONITE, 1/4 #/SX CELLOPHANE FLAKES, AND FLUID LOSS ADDITIVE (TO ALLOW 50 - 120 cc OF FLUID LOSS PER 30 MINUTES).

7) ALLOW CEMENT TO DRY FOR 36 HOURS SO MAXIMUM COMPRESSIVE STRENGTH IS OBTAINED BEFORE DRILLING OUT.

8) DRILL OUT CEMENT PLUG.

9) PRESSURE TEST SQUEEZE TO 800 psi. RECOVER BRIDGE PLUG.

10) TIH WITH 2 3/8" TUBING AND LAND AT 6280' (YOU WILL NEED 3 OR 4 ADDITIONAL JOINTS OF TUBING). SWAB WELL DRY TO KICK OFF.