

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
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 ☐ GAS WELL ☒ OTHER ☐	7. UNIT AGREEMENT NAME Gallegos Canyon Unit
2. NAME OF OPERATOR Amoco Production Co.	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, N M 87401	9. WELL NO. 90
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1190' ENL x 790' FWL	10. FIELD AND POOL, OR WILDCAT Basin Dakota
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA sw/sw Sec 35 T28N R13W
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 6079' GR	12. COUNTY OR PARISH San Juan
	13. STATE N.M.

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 Co. request approval to repair the subject well according to the attached procedure.

Prior approval is not required for routine producing + acidizing or recompletion in the same interval.

RECEIVED
MAR 20 1985
OIL CON. DIV.
DIST. 3

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

SIGNED D.D. Lawson Dist. Adm. Supervisor

ACCEPTED FOR RECORD
DATE

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

DATE MAR 10 1985

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY J

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT WORKOVER

DATE: 2/27/85

OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE
 LEASE AND WELL GCU #90 FIELD Basin Dakota
 FORMATION Dakota LOGS Induction, Sonic
 LOCATION SW/4, Sec 35, T28N, R13W San Juan County, New Mexico
 COMP. DATE 6-61 EL: 6079' KB TD: 6450' PBD: 6414'
 CSG: 4-1/2" 9.5 # J-55 @ 6450': 8-5/8" 20 # @ 337'
 COMP. INT. 6283-88, 6296-6300 ORIG. STIM. 20,000 gals x 20,000"
 IP 2586 CURRENT PROD. INT. Same
 PURPOSE: Refrac Dakota

~~WCH~~ TKA
BJW

~~GOM~~ MCH
DHS ~~RGH~~
~~BVD~~
~~GMK~~

5/PERMITTING DESK

FNGR FILE

Pull tubing hot.
 Note: Do not kill well with water.
 Formation is sensitive to water.

WELLBORE SKETCH

PROCEDURE

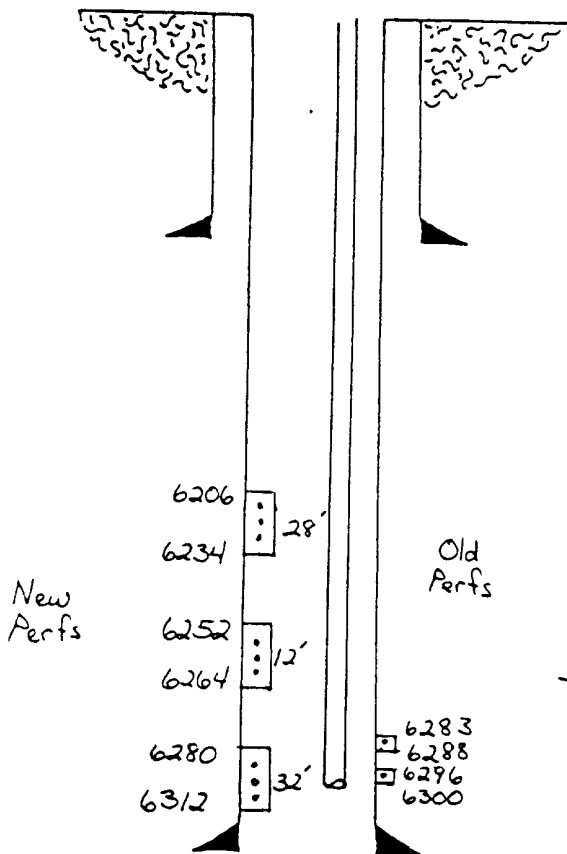
Perforating - Petro
 Stimulation - Dowell

1. MIRUSU

2. Pick up 2-3/8" tubing and tag fill.
 If fill is below 6340', go to step 3.
 If fill is above 6340', TOH with 2-3/8" tubing. TIH with bit and 2-3/8" tubing and clean out to 6350' with nitrogen.

3. Perforate induction log intervals
 6312-6280, 6264-6252, and 6234-6206' with 2 JSAP. Use Petro Wireline's 3-1/8" casing gun with XI PML APX charges phased at 120°.

4. TIH with 2-7/8" buttress tubing and packer. Set packer at 6100'.



DISTRICT MANAGER W. J. HTRA
 DISTRICT ENGINEER Finn Albersdorf
 DISTRICT FOREMAN T. W. Emmons Jr. 6/1/77
 ENGINEER Morris Bell ext 244. 598-9751
 DATE 2/28/85
 ENGSPE

5. Frac Dakota (6312-6206) down tubing with 70,000 gals of 70 quality foam and 90,000# of 20-40 mesh Brady sand. Fluid will contain 2% KCl, 1 gal. surfactant per 1000 gals, and 20# gel per 1000 gals. Pumpas follows:

<u>Stage</u>	<u>Foam Vol.</u>	<u>Foam Conc</u>	<u>Blender Conc.</u>	<u>Rate</u>
1	20,000 gal	0.0 ppg	0.0 ppg	15 BPM
2	10,000	1.0	3.3	15
3	40,000	2.0	6.7	15

Underflush with 36 bbls of foam. Expected bottom hole treating pressure is 3300 psi at 175°F.

Expected surface treating pressure is 5500 psi at 15 BPM.

6. Shut well in overnight plus two days.

7. Flow well back thru 0.25" choke. Do not produce sand. If sand is produced, shut well in for 4 hours.

8. Release packer and TDH with 2-7/8" tubing and packer.

9. T/H with 2-3/8" tubing and clean out to 6350'.

10. Land tubing at 6315'.

Notes: 1. Maximum pressure on 2-7/8" buttress tubing is 7000 psi.

2. Record volumes of fluid pumped and estimate recovered load water on daily wire. Record daily costs on wire.

3. Filter all frac water and inspect tanks for cleanliness.

4. Gel will be Dowell's J-133. Viscosity will be 13 cp at 80°F and 100 rpm.

5. Visually inspect tubing and replace any suspect tubing.