

9321W - 10F
Well history is section 7

Donner L. Fort
DEPUTY OIL & GAS INSPECTOR
DEC 20 1997

Meter Number: 92053
Location Name: GCU 213E
Location: TN-28 RG-12
SC-31 UL-L
4 - Fee
NMOCD Zone: OUTSIDE
Hazard Ranking Score: 00

157
APR 3 1997

**RATIONALE FOR RISK-BASED CLOSURE OF PRODUCTION PITS
LOCATED OUTSIDE OF THE VULNERABLE ZONE
IN THE SAN JUAN BASIN**

This production pit location was ranked according to the criteria in the New Mexico Oil Conservation Division's Unlined Surface Impoundment Closure Guidelines and received a ranking score of zero. The estimated depth to groundwater is greater than 100-feet beneath ground surface (bgs), the pit is not in a well head protection area, and there are no surface water bodies within 1,000 horizontal feet of the pit location.

The primary source, discharge to the pit has been removed. There has been no discharge to the pits for at least 4 years and the pits have been closed for at least one year.

Each pit was backfilled with clean soil and graded in a manner to divert precipitation away from the excavated area. Minimal infiltration of rainfall is expected. Any rainfall that does infiltrate the ground surface must migrate through clean backfill before reaching the residual hydrocarbons.

There is no source material at the ground surface, so direct contact of hydrocarbons with livestock and the populous is not likely.

In general, outside of the vulnerable area and alluvial valleys, bedrock material is generally encountered within 20 feet of the ground surface. Bedrock material in the San Juan Basin consists of interbedded sandstones, shales and clays. According to Freeze and Cherry, 1979, the hydraulic conductivity of the bedrock material are as follows:

Sandstone	10^{-9} to 10^{-13} cm/sec
Shale	10^{-12} to 10^{-16} cm/sec
Clay	10^{-12} to 10^{-15} cm/sec

Based on this information, the residual hydrocarbons should not migrate to groundwater.

Natural process (bioremediation) are degrading the residual hydrocarbon to carbon dioxide and water and will continue until the source is gone, therefore minimizing any impact to the environment.

Based on the above information, it is highly unlikely that any source material will impact groundwater or ever find an exposure pathway to affect human health and therefore El Paso Field Services Company (EPFS) requests closure of this pit location.

FIELD PIT SITE ASSESSMENT FORM

GENERAL

Meter: 92053 Location: GCU 213E
Operator #: 0203 Operator Name: AMOCO P/L District: ANGEL PERA
Coordinates: Letter: L Section 31 Township: 29 Range: 12
Or Latitude _____ Longitude _____
Pit Type: Dehydrator _____ Location Drip: X Line Drip: _____ Other: _____
Site Assessment Date: 10/21/94 Area: 01 Run: 161

NMOCD Zone:

(From NMOCD
Maps)

inside

Outside

Land Type:

BLM ☐ (1)

State ☐ (2)

Fee ☒ (3)

Indian _____

Depth to Groundwater

Less Than 50 Feet (20 points) ☐ (1)

50 Ft to 99 Ft (10 points) ☐ (2)

Greater Than 100 Ft (0 points) ☒ (3)

Wellhead Protection Area :

Is it less than 1000 ft from wells, springs, or other sources of fresh water extraction? , or ; Is it less than 200 ft from a private domestic water source? ☐ (1) YES (20 points) ☒ (2) NO (0 points)

Horizontal Distance to Surface Water Body

Less Than 200 Ft (20 points) ☐ (1)

200 Ft to 1000 Ft (10 points) ☐ (2)

Greater Than 1000 Ft (0 points) ☒ (3)

Name of Surface Water Body _____

(Surface Water Body : Perennial Rivers, Major Wash, Streams, Creeks, Irrigation Canals, Ditches, Lakes, Ponds)

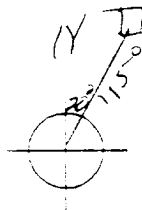
Distance to Nearest Ephemeral Stream ☐ (1) < 100' (Navajo Pits Only)
☐ (2) > 100'

TOTAL HAZARD RANKING SCORE: 0 POINTS

Remarks : 2" T.D

ORIGINAL PIT LOCATION

Original Pit : a) Degrees from North 20 Footage from Wellhead 115
b) Length : 16 Width : 16 Depth : 30"



Remarks :

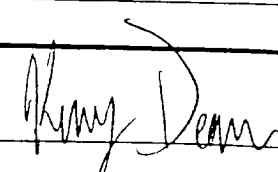
GCU 213E WELL HEAD NOT FOUND ON THIS LOCATION

Completed By:

Kimberly Carley
Signature

10/21/94
Date

FIELD PIT REMEDIATION/CLOSURE FORM

GENERAL	Meter: <u>92053</u> Location: <u>GCU 213E</u> Coordinates: Letter: <u>L</u> Section: <u>31</u> Township: <u>29</u> Range: <u>12</u> Or Latitude _____ Longitude _____ Date Started : <u>11/7/94</u> Run: <u>01</u> <u>61</u>
FIELD OBSERVATIONS	Sample Number(s): <u>KD 361</u> Sample Depth: <u>12'</u> Feet Final PID Reading <u>1ppm</u> PID Reading Depth <u>12'</u> Feet <div style="text-align: center;">Yes No</div> Groundwater Encountered <input type="checkbox"/> <input checked="" type="checkbox"/> Approximate Depth _____ Feet
CLOSURE	Remediation Method : <div style="display: flex; justify-content: space-between;"> <div> Excavation Onsite Bioremediation Backfill Pit Without Excavation </div> <div style="text-align: right;"> <input type="checkbox"/> Approx. Cubic Yards <u>0</u> <input type="checkbox"/> <input checked="" type="checkbox"/> </div> </div> Soil Disposition: <div style="display: flex; justify-content: space-between;"> <div> Envirotech Other Facility </div> <div style="text-align: right;"> <input type="checkbox"/> Tierra <input type="checkbox"/> Name: _____ </div> </div> Pit Closure Date: <u>11/7/94</u> Pit Closed By: <u>BEI</u>
REMARKS	Remarks : <u>Dug test Hole to 12', TOOK PID Sample, closed pit.</u>
	Signature of Specialist: <u></u>



FIELD SERVICES LABORATORY
ANALYTICAL REPORT

PIT CLOSURE PROJECT - Soil Samples Outside the GWV Zone

SAMPLE IDENTIFICATION

	Field ID	Lab ID
SAMPLE NUMBER:	WOK 11/9/94 94 KD 361	946475
MTR CODE SITE NAME:	92053	N/A
SAMPLE DATE TIME (Hrs):	11-7-94	0945
SAMPLED BY:	N/A	
DATE OF TPH EXT. ANAL.:	11-10-94	11-10-94
DATE OF BTEX EXT. ANAL.:	N/A	N/A
TYPE DESCRIPTION:	UG	Brown Sand

REMARKS:

RESULTS

PARAMETER	RESULT	UNITS	QUALIFIERS			
			DF	Q	M(g)	V(ml)
TPH (418.1)	36.3	MG/KG			2.29	28
HEADSPACE PID	1	PPM				
PERCENT SOLIDS	95.3	%				

-- TPH is by EPA Method 418.1 --

Narrative:

DF = Dilution Factor Used

Approved By:

Date:

11/17/94

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*****
Test Method for
Oil and Grease and Petroleum Hydrocarbons
in Water and Soil
Perkin-Elmer Model 1600 FT-IR
Analysis Report
*****

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10/11/10 11:56

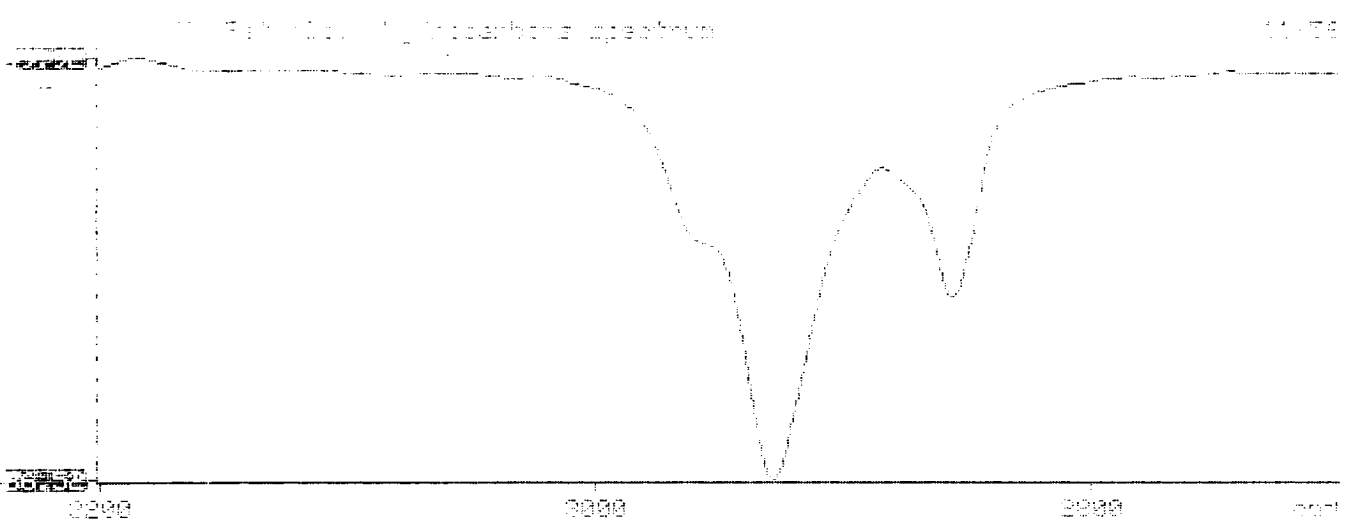
Sample identification
146475

Initial mass of sample, g
1.000

Volume of sample after extraction, ml
0.000

Initial mass of sample, g
1.000

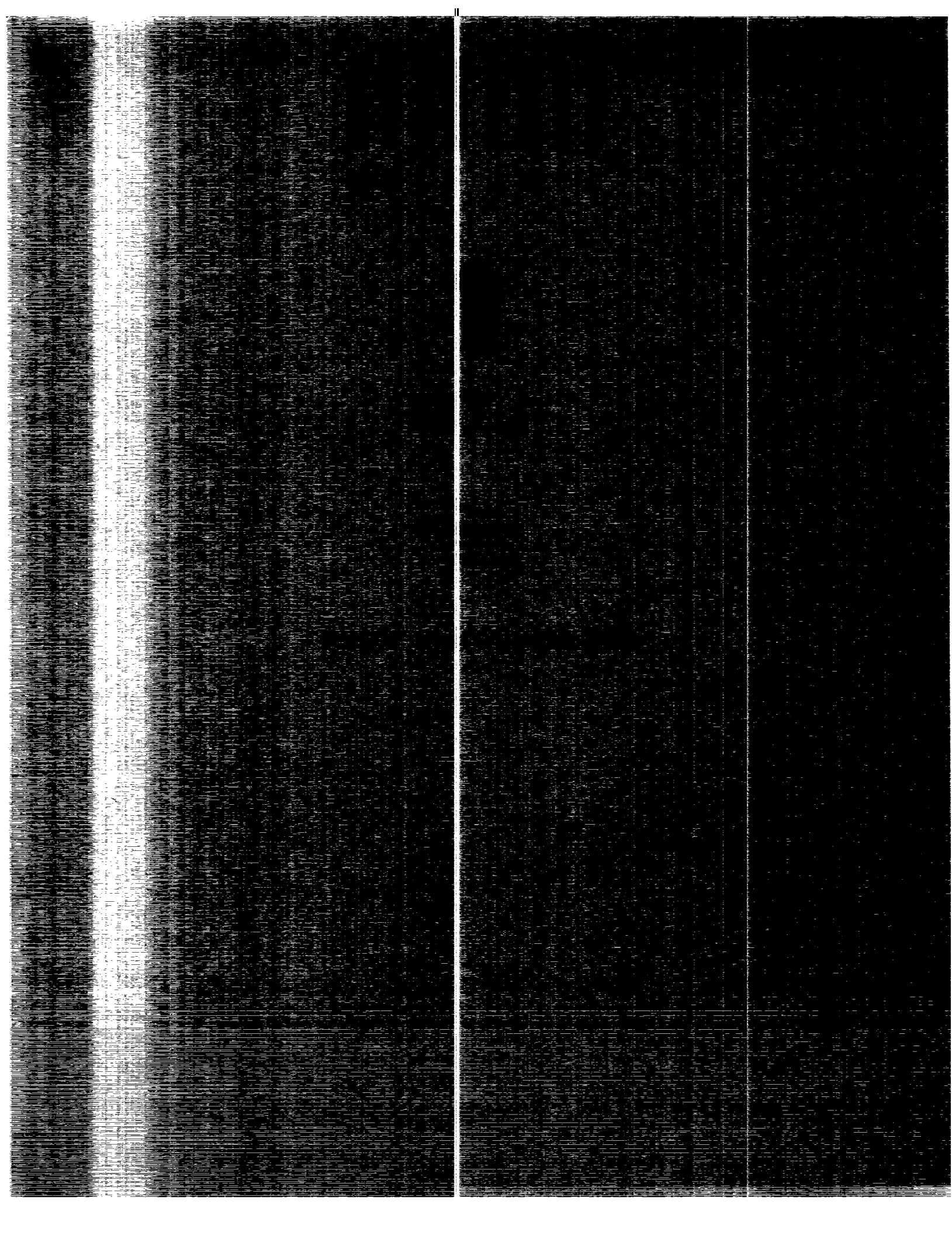
Initial mass of sample, g
1.000



SECRET

SECRET

SECRET



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

99 MAY 24 PM 12: 57

070 FARMINGTON, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Mary Corley

3. Address and Telephone No.

P.O. BOX3092 HOUSTON, TX 77253

281-366-4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

930' FSL

480' FWL

Sec. 8 T 28N R 12W

UNIT M

5. Lease Designation and Serial No.

NMSF-078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT 213E

9. API Well No.

30-045-26305

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

San Juan

New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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 PERMISSION TO RECOMPLETE THIS WELL FROM THE BASIN DAKOTA TO THE BASIN FRUITLAND COAL GAS AS PER THE ATTACHED PROCEDURE.

FOR TECHNICAL INFORMATION PLEASE CALL JOHN PAPAGEORGE @ 281-366-5721. FOR ADMINISTRATIVE ASSISTANCE PLEASE CONTACT MARY CORLEY @ 281-366-4491.

RECEIVED
MAY 28 1999
OIL CON. DIV.
DIST. 3

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

Signed

Mary Corley

Title

SR. BUSINESS ANALYST

Date

05-21-1999

(This space for Federal or State office use)

/s/ Duane W. Spencer

Team Lead, Petroleum Management

MAY 26 1999

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. 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.

* See Instructions on Reverse

NMOCD

GCU Well Work Procedure

GCU 213E

Date: 5/4/99

Objective:

Recomplete from Dakota to Fruitland Coal

Pertinent Information:

Location: SW8-28N-12W
County: San Juan
State: New Mexico
Lease:
Well Flac: 84650901

Horizon: Dak to FC
API #: 30-045-26305
Engr: John Papageorge
Phone: W (281)366-5721
H (713)464-5053

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with tubing.
6. PXA Dakota. Set CIPB within 50' of top Dakota perf. Spot 150' cmt plug on top of CIBP.
7. Log Fruitland Coal interval with CBL/GR/CCL to insure zonal isolation across FC.
8. Perforate the following interval with 4JSPF, 120 deg. phasing: FRLD 1444-1459. Basal stringer at 1466-1470 on top of PC sand will not be perforated to ensure effective frac in FRLD.
9. Fracture stimulate down casing according to schedule 'A'.
10. CO to PBTD.
11. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below perms if possible.
12. RDMO. Hook up to pumping unit and well head compressor.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First., Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

RECEIVED
BLM

99 MAY 24 PM 12:57

WELL LOCATION AND ACREAGE DEDICATION PLAT, NM

API Number 30-045-26305	Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number 213E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5654'

Surface Location

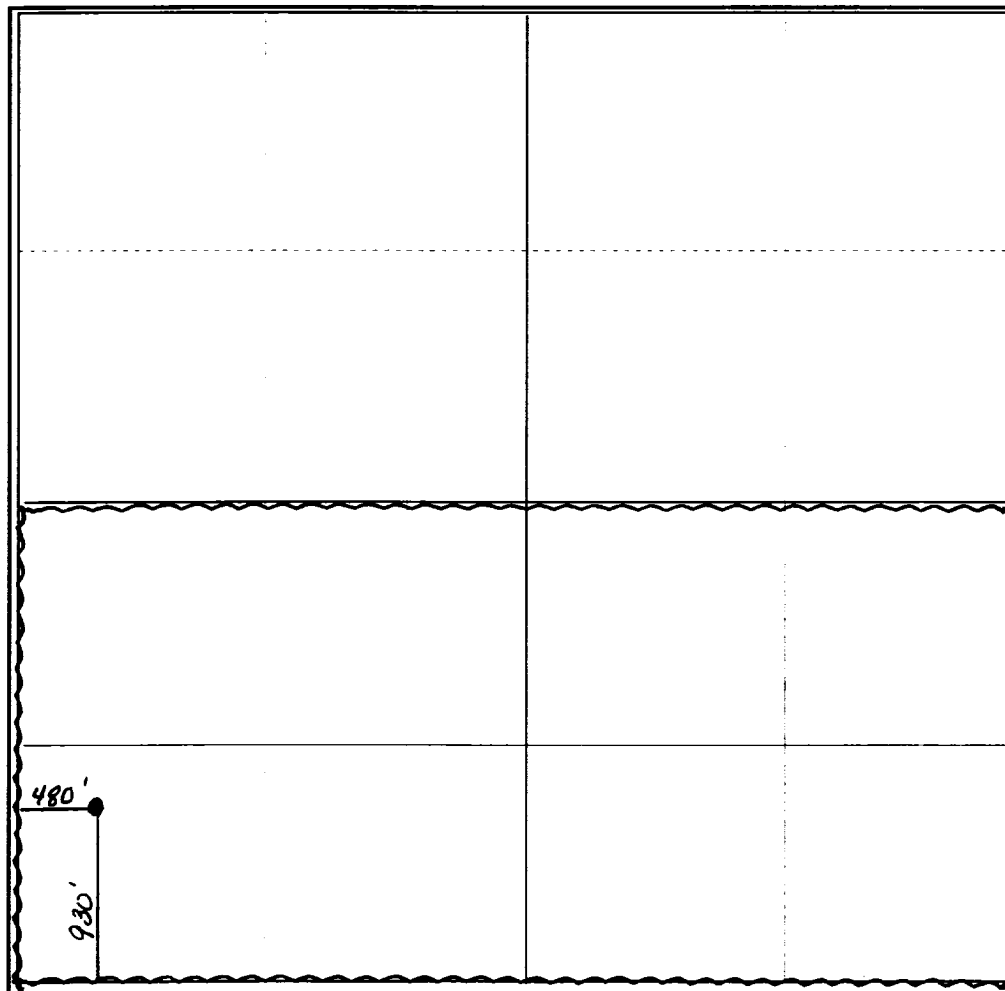
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT M	8	28N	12W		930	SOUTH	480	WEST	San Juan

Bottom Hole Location If Different From Surface

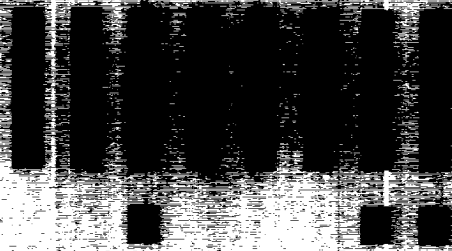
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

Dedicated Acreage: 273.87	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature: <i>Mary Corley</i> Printed Name: <i>MARY CORLEY</i> Position: SR. BUSINESS ANALYST Date: 05/21/1999
	SURVEY CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i> Date of Survey: 02/08/1985 Signature & Seal of Professional Surveyor: FRED B. KERR, JR
	Certificate No.: 3950

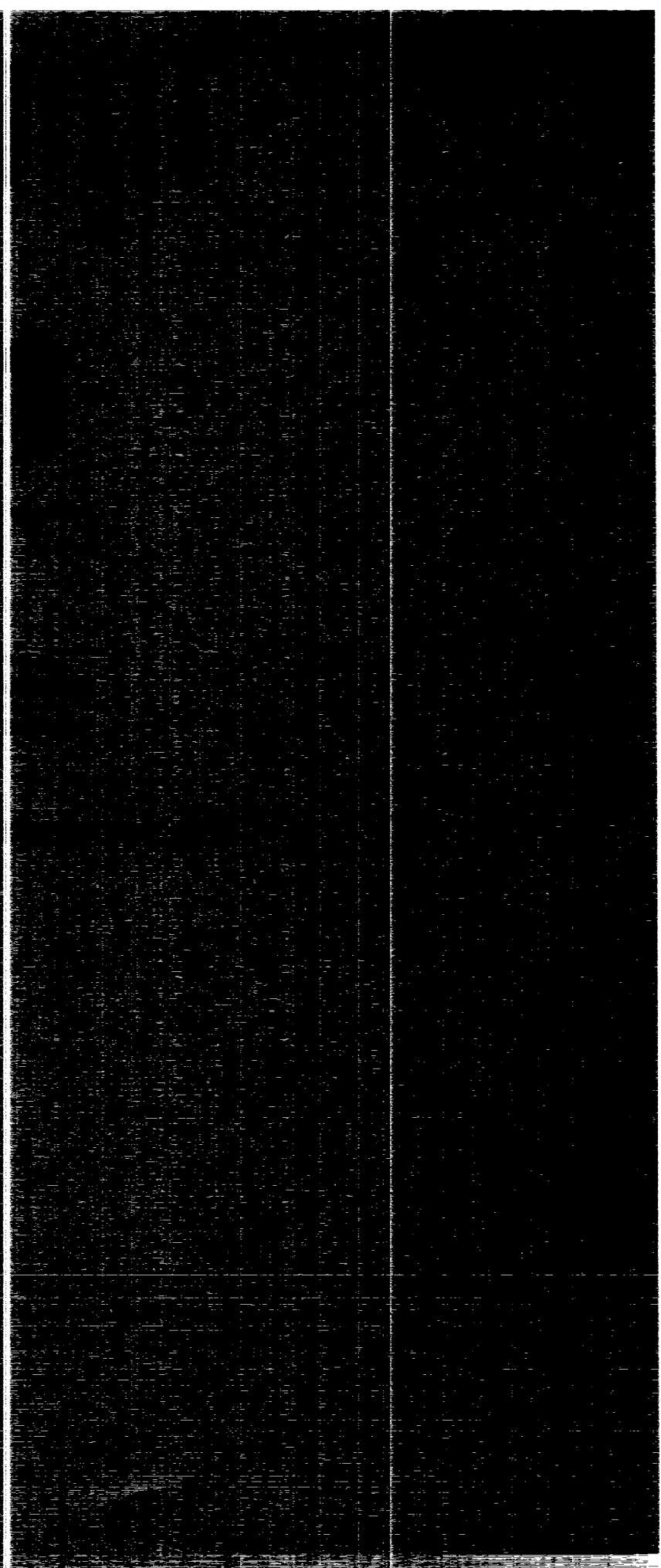
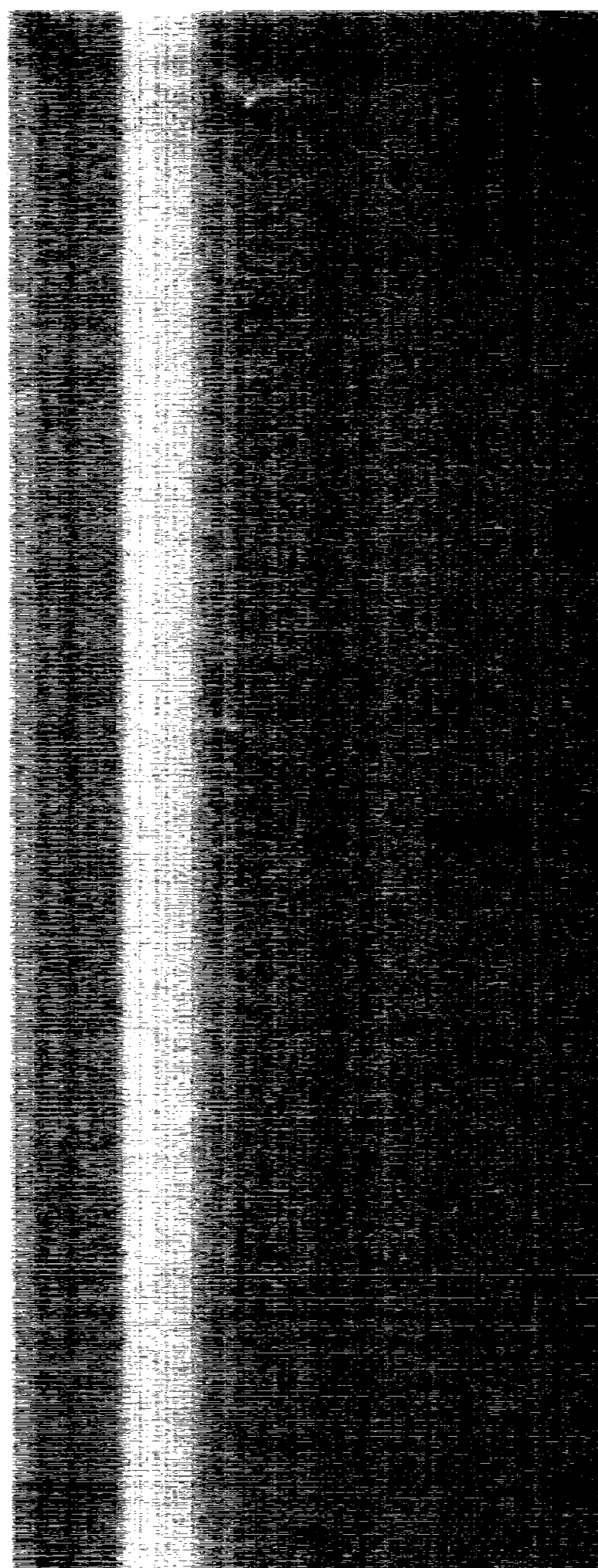
HOLD C104 FOR *ALSK* (S)



LTR



Job separation sheet



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Amoco Production Company **Melissa Velasco**

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 77253 (281) 366-2548

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

930' FSL 480' FWL Sec 08 T28N R12W

5. Lease Designation and Serial No.

SF-078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Gallegos Canyon Unit 213E

9. API Well No.

30-045-26305

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

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

13. 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 is in the process of obtaining partner approval to plug and abandon the subject well. Plugging procedures are being formulated and will be forwarded to your office for approval upon completion. We anticipate this filing to be completed and filed with your office within 60 days. Final abandonment to commence upon Regulatory approval and when 100% partner approval is obtained as mandated by contract.



2000 JUN 26 PM 2:39
070 FARMINGTON, NM

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

Signed

Melissa Velasco

Title **Permitting Assistant**

Date **06/22/00**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

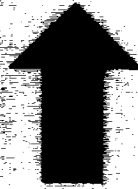
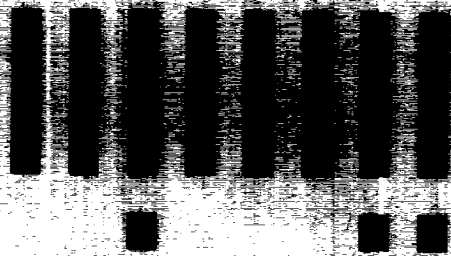
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions On Reverse Side

JUN 29 2000

NMOCB

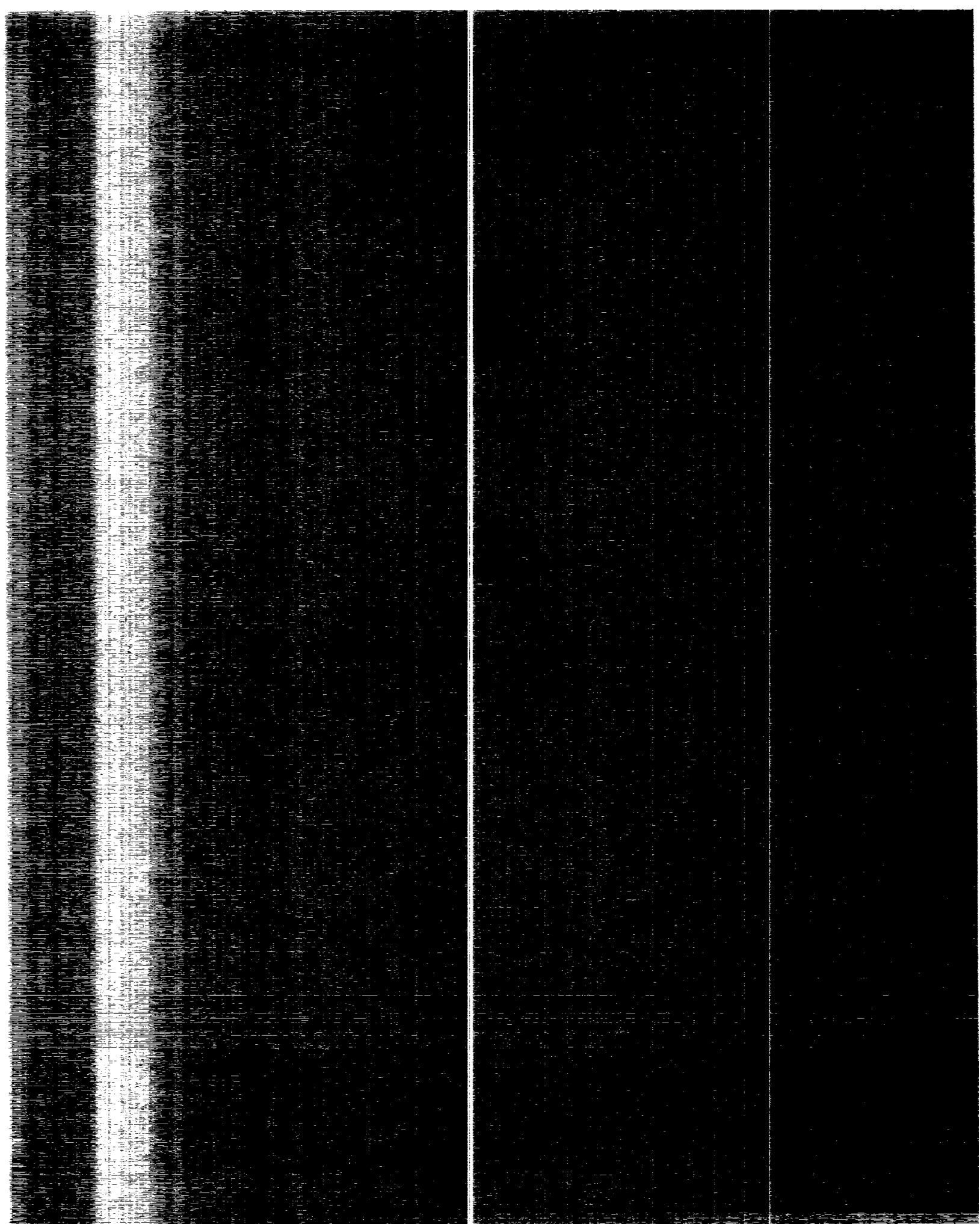
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LTR



Job separation sheet



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator

Amoco Production Company **Melissa Velasco**

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 77253 (281) 366-2548

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

930' FSL 480' FWL Sec 08 T28N R12W

5. Lease Designation and Serial No.

SF-078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**Gallegos Canyon Unit
213E**

9. API Well No.

30-045-26305

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

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

13. 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 request permission to plug & abandon the subject well according to the attached well work procedure.



2000 AUG -2 AM 10:44
070 FARMINGTON, NM

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

Signed Melissa Velasco Title **Permitting Assistant**

Date **07/27/00**

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. 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.

*See Instructions On Reverse Side

NMOC

GCU 213E

Original Completion: 7/85

Repair: 9/94

TD = 6,270' PBD = 6,223'

Objective: PXA entire wellbore

Page 2 of 2

1. Notify regulatory agencies (BLM, NMOCD, FIMO) 24 hours in advance of plugging activity. Contact BLM and indicate well is allotted (FIMO regulations effective April 1, 1997).
2. Check location for anchors. Install if necessary. Test anchors.
3. MIRUSU. Blow down well. Kill if necessary with fresh water. NDWH. NUBOP.
4. TOH with 2 3/8" tubing. Remove perforated tubing (6,000' to 6,003'). TIH with 2 3/8" tubing workstring and CIBP. Set CIBP at 5,968' and spot the following cement plugs:

<u>Formation</u>	<u>Plug Depth</u>	<u>Cement Amount</u>
Dakota	5,968' to 5,865'	12 sacks
Gallup	5,245' to 5,145'	12 sacks
Mesaverde	3,023' to 2,923'	12 sacks
Chacra	2,524' to 2,424'	12 sacks
Pictured Cliffs	1,519' to 1,419'	12 sacks
Fruitland	1,260' to 1,160'	12 sacks

TOH to 372', spot cement plug from 327' to surface (42 sacks).

5. NDBOP. Cut off casing and wellhead. Install PXA marker according to BLM or State requirements.
6. Contact FMC and ship surface equipment to yard or other location per instructions.
7. Provide workorder to Buddy Shaw for reclamation.
8. Rehabilitate location according to BLM or State requirements.

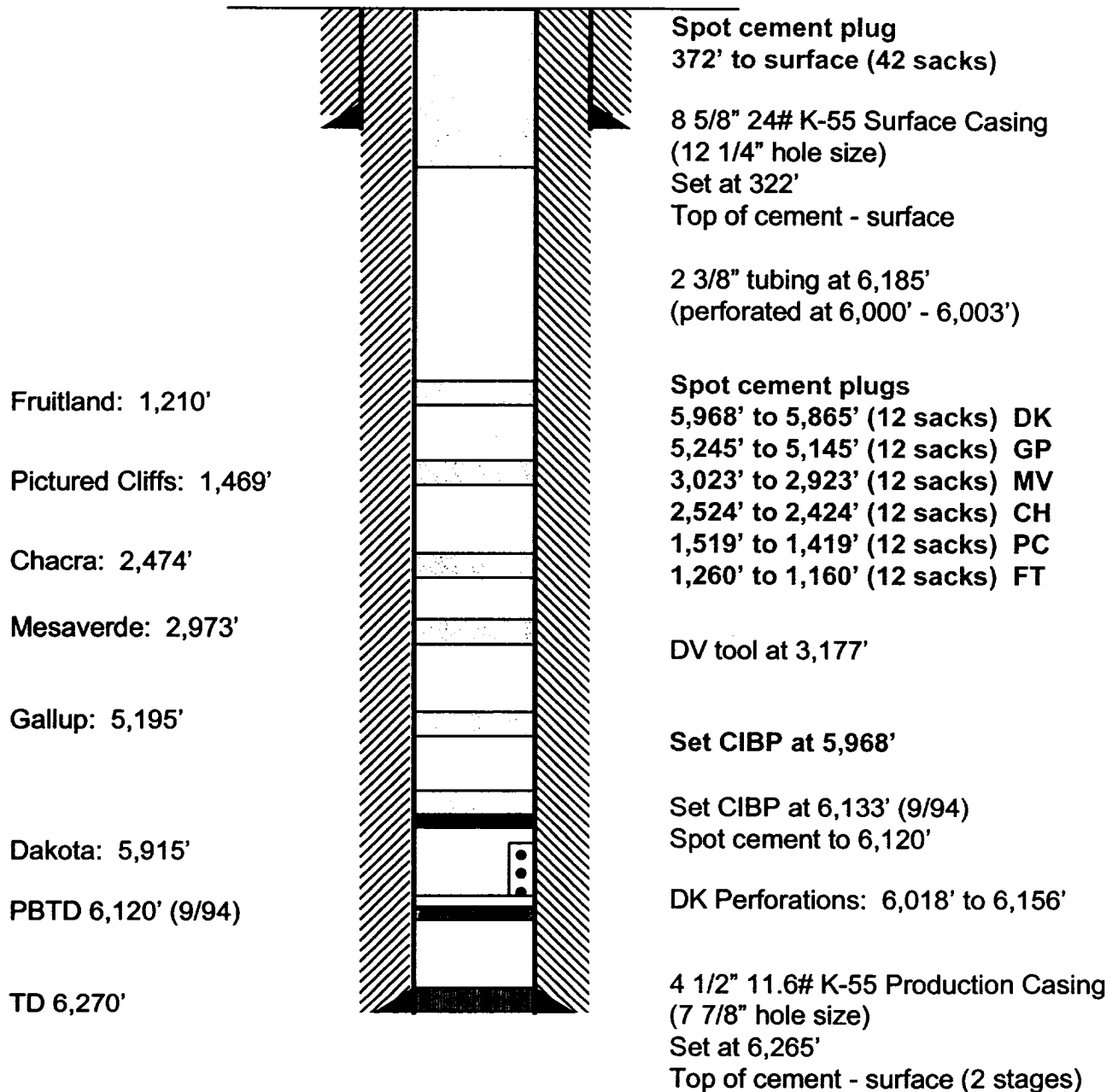
GCU 213E (DK)

M8 T28N-R12W 930' FSL 480' FWL

API 3004526305

SF-078109

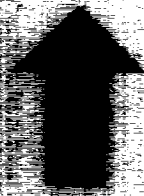
Proposed PXA Wellbore Schematic



Not to scale

7/26/00

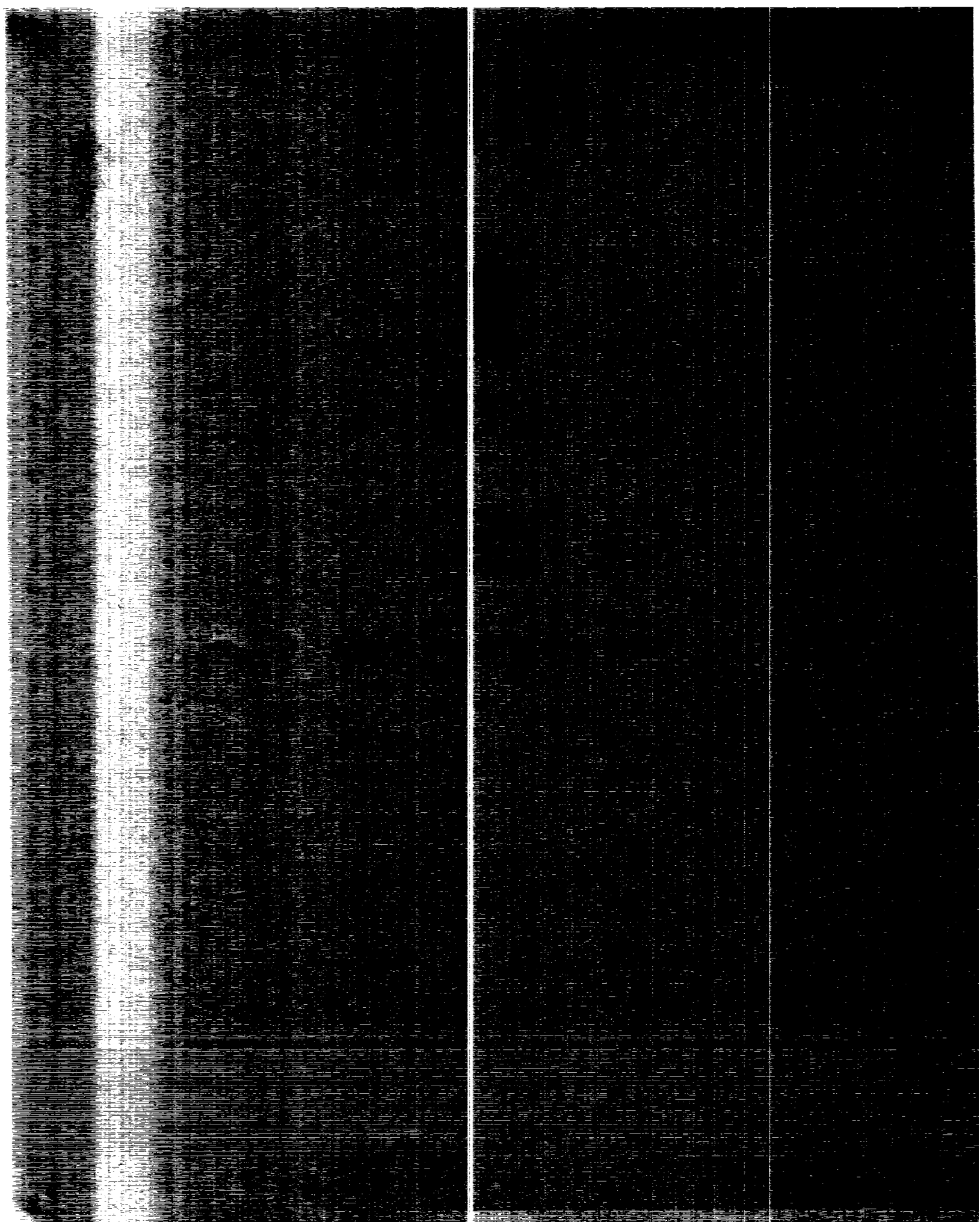
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LIBRARY



Job separation sheet



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

DEC 2000
RECEIVED
OIL CON. DIV
DIST. 3

1. Type of Well ☐ Oil Well ☒ Gas Well Other

2. Name of Operator
AMOCO PRODUCTION COMPANY

3a. Address P.O. BOX 3092
HOUSTON, TX 77079

3b. Phone No.(include area code)
281.366.4491

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

480FWL 930FSL

m-8-28N-12W

5. Lease Serial No.
SF - 078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement Name and/or No.

8. Well Name and No.
GALLEGOS CANYON UNIT 213E

9. API Well No.
3004526305

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. County or Parish, and State
SAN JUAN NM

DAKOTA

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 files 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.)

Amoco Production Company plugged and abandoned the subject well as per the attached plugging summary report.

Electronic Submission #2073 verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY Sent to the Farmington Field Office
Committed to AFMSS for processing by Maurice Johnson on 11/30/2000

Name (Printed/Typed) MARY CORLEY

Title SUBMITTING CONTACT

Signature

Date 11/29/2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

NOTED FOR RECORD

Approved By

Title

10/30/2000

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

Sign

**P&A OPERATION
CEMENT SERVICE REPORT**

WELL NAME: GALLEGOS CANYON UNIT 213E

TOTAL PLUGS SET: 7

DATE STARTED: 11-22-00

TOTAL SACKS USED: 113 SX

DATE COMPLETED: 11-29-00

BLM WITNESS: R. SNOW
OPERATOR WITNESS: N/A

MOL AND RU RIG AND PLUGGING EQUIPMENT. BLED DOWN WELL (TBG=600 PSI, CSG=200PSI) ND WELLHEAD AND NU BOP, TESTED BOP. RU FLOOR AND STRAPPED OUT WITH 6075.84' OF 2 3/8" TBG (96 STD). RIH WITH 4 1/2" GAUGE RING TO 5980'. POH. RIH AND SET WIRELINE CIBP AT 5968'. POH.

PLUG #1 (DAKOTA, 5865' – 5968'),
RIH OPEN ENDED WITH 2 3/8" TBG AND TAGGED TOP OF CIBP. CIRCULATED HOLE CLEAN WITH WATER. PRESSURE TESTED CSG TO 600 PSI AND HELD GOOD FOR 5 MINUTES. BALANCED 12 SX CL. G CEMENT PLUG ON TOP OF CIBP. PUH TO 5190'.

PLUG #2 (GALLUP, 5090' – 5190'),
BALANCED 12 SX CL. G CEMENT PLUG INSIDE CASING. PUH TO 2971'.

PLUG #3 (MESAVERDE, 2871' – 2971'),
BALANCED 12 SX CL. G CEMENT PLUG INSIDE CASING. PUH TO 2494'.

PLUG #4 (CHACRA, 2374' – 2474'),
BALANCED 12 SX CL. G CEMENT PLUG INSIDE CASING. PUH TO 1518'.

PLUG #5 (PICTURED CLIFFS, 1418' – 1518'),
BALANCED 12 SX CL. G CEMENT PLUG INSIDE CASING. PUH TO 1202'.

PLUG #6 (FRUITLAND, 1102' – 1202'),
BALANCED 12 SX CL. G CEMENT PLUG INSIDE CASING. PUH TO 380'.

PLUG #7 (SHOE, SURFACE, 0' – 380'),
MIXED 29 SX CL. G CEMENT TO CIRCULATE GOOD CEMENT TO SURFACE. POH. DUG CELLAR AND CUT OFF WELLHEAD. TOPPED OFF CASINGS WITH 12 SX CL. G CEMENT.

RD RIG AND MOL. INSTALLED DRY HOLE MARKER AND CUT OFF ANCHORS.

NATHAN E. CRAWFORD.
P&A SUPERVISOR