

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-045-28172
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEDERAL <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

SUNDY 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. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/>	other coal seam
2. Name of Operator Amoco Production Company	Attn: John Hampton
3. Address of Operator P.O. Box 800, Denver, Colorado 80201	
4. Well Location Unit Leader <u>H</u> : 1740' Feet From The <u>North</u> : 1190' Line and	

7. Lease Name or Unit Agreement Name Mc Ewen Gas Com "D"
8. Well No. #1
9. Pool name or Wildcat

Section <u>5</u>	Township <u>31N</u>	Range <u>10W</u>	Line and <u>1190'</u>	Feet From The <u>East</u>	Line
10. Elevation (Show whether OF, RKB, RT, GA, etc.) 5825' Ground			NMPM	San Juan	County

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER: <u>Change of operator/Drilling program</u> <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <u>Name Change from FC Fee #1</u> <input type="checkbox"/>	

12. 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.

Effective 9/18/90 Amoco Production Company has taken over operatorship of the above referenced well. (Previously operated by MESA OPERATING LIMITED PARTNERSHIP)

In addition the subject well has been restaked from Mesa's location of 1770' FNL, 1600' FEL Section 5, T31N,R10W to the above location of 1740' FNL, 1190' FEL

Please see Amoco's revised drilling program attached.

Please call Cindy Burton, 303 830-5119 if you have any questions concerning the above

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OIL CON. DIV.

DIST. 3

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

SIGNATURE John Hampton

TYPE OR PRINT NAME John Hampton

title Sr. Staff Admin. Supr. DATE 10/22/90

(This space for State Use)

TELEPHONE NO 303-830-5025

Ernie Bush

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE OCT 22 1990

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator AMOCO PRODUCTION COMPANY		Lease MCEWAN GAS COM /D/		Well No. # 1
Unit Letter H	Section 5	Township 31 NORTH	Range 10 WEST	County SAN JUAN
Actual Footage Location of Well: 1740 feet from the NORTH line and 1190 feet from the EAST line				
Ground level Elev. 5825	Producing Formation Fruitland Coal Basin Fruitland Coal		Dedicated Acreage: 320 N/2 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____ If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>				
			OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
			Signature <i>J.L. Hampton</i> Printed Name J.L. Hampton Position SR. St. Admin. Super. Company Amoco Prod. Co. Date 10/22/90	
			SURVEYOR CERTIFICATION 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.	
			Date Surveyed October 2, 1990 Signature & Seal Professional Surveyor GARY D. VANN Registered Professional Land Surveyor New Mexico 7016 Gary Vann 7016	

AMOCO PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM

Date: 10/19/90

Lease & Well # Mo. Ewin Gas Com/D/#1 Cty/st San Juan/NM FLAC NO. _____
Field Basin Fruitland Coal Gas Operation Center San Juan
surf. Loc. Sec5 T31N R10W 1740 FNL 1190 FEL BHLOC same
Coal Regas # 310

CRITICAL WELL _____ NON-CRITICAL WELL XORIGINAL x REVISION # _____

LOGGING PROGRAM

TYPE	DEPTH INTERVAL
FDC/GR/CAL	TD to base of 7" casing
Microlog	
Mudlogger	TD to base of 7" casing

REMARKS Run FDC at slow speed, high sample rate. Bulk density presentation as per standard coal log format. Custom-er edit 8 track LIS tape to W. L. Pelzmann in Denver - ASAP.

NOTE Mudlogs will be the only log if the well is completed as an open hole. The log suite stated above will be run only if the well is deepened into the Pictured Cliffs.

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OCT 22 1990

APPROXIMATE DEPTHS OF GEOLOGICAL MARKERS

ESTIMATED ELEVATION 5837 KB

MARKER	TVD ELEV.	MEAS. DEPTH
Ojo Alamo	+4887	0950
Fruitland	+3588	2249
Ignacio Seam #	+3467	2370
Cottonwood Seam #	+3455	2382
Cahn Seam #	+3240	2597
Pictured Cliffs	+3197	2640

TOTAL DEPTH +3200 2637

*POSSIBLE PAY #PROBABLE COMPLETION INTERVAL

DRILL CUTTING SAMPLES	DRILLING TIME
FREQUENCY DEPTH INTERVAL	FREQUENCY DEPTH INTERVAL

10' Base 7" casg.-TD Geolograph BSC-TD

REMARKS The Pictured Cliffs will not be penetrated if the well is completed successfully open hole. If the well is not a successful open hole completion, the well will be deepened to 2837'. Mud-logger to modify TD based on location of basal seam

MUD PROGRAM

OIL CON. DIV.
Approximate USE 3 Weight Viscosity Other
Interval Type Mud #/Gal. Sec. API W/L CC/30M Specifications

0-250' apud
250'-int.csg pt. LSND 8.6-8.9 Sufficient to clean hole.
int. csg pt. - water w/induced air for hole cleaning purposes.
top of Pictured Cliffs

REMARKS: In the event the well does not yield commercial volumes of gas from the open hole completion, the water filled hole will be mudded up and weighted up (9-11 #/gal) with LSND mud for hole stability and well control. The well will then be deepened approximately 200' into the Pictured Cliffs to provide necessary footage for a cased and cemented completion technique to allow a fracture stimulation.

CASING PROGRAM (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

CASING STRING	EST. DEPTH	CASING SIZE	HOLE SIZE	SX CEMENT	TYPE CEMENT	DESCRIP. OF LANDING PT
SURFACE	250	9 5/8	12 1/4	to sfc.	**	
INTERMEDIATE	2335	7"	8 3/4	to sfc.	**	Above abnormally pressured coal seams
LINER CASING	TD	N/A	6 1/4	None	***	Open hole

REMARKS: *** A contingency 4 1/2" liner will be run and cemented if the well is deepened into the Pictured Cliffs for a fracture stimulation. ** Operation Center to design.

WELLHEAD: 3,000 psi flanged equipment

COMPLETION PROGRAM Planned open hole completion. A contingency completion will require as many as two fracture stimulations.

GENERAL REMARKS: This well to be maintained in confidential status. Region is to provide statement in permit to regulatory agencies that indicates the Pictured Cliffs will be penetrated approximately 200' in the event the planned open hole completion in the coal seams does not yield a commercial volume of gas. The contingency plan to drill into the Pictured Cliffs will allow adequate rat hole for a cemented liner across the coal seam. The cemented liner will provide isolation for a necessary fracture stimulation to initiate a commercial volume of gas.

PREPARED BY:

G. E. Gray, W. L. Pelzmann, T. R. Enterline, J. L. Spitler

APPROVALS:

PRODUCTION DEPARTMENT

10/19/90
DATE

EXPLORATION DEPARTMENT

DATE