

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORT 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.

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NMSF-080844A
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
Attention: Patty Haeefe		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-4988		8. Well Name and No. Gallegos Canyon Unit 182E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1525' FSL & 1740' FWL Section 19 T28N R11W Unit K		9. API Well No. 3004524864
		10. Field and Pool, or Exploratory Area West Kutz Pictured Cliffs
		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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Letter dated 7/18/96
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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 to the Pictured Cliffs formation and to isolate the Dakota per the attached procedure.

Reference letter dated 7/18/96 and approved plug and abandonment sundry dated 2/27/95.

RECEIVED
OCT 2 3 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 SEP -9 PM 1:35
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct
Signed Patty Haeefe Title Staff Assistant Date 09/05/96
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

APPROVED

OCT 21 1996

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 statement or representations as to any matter within its jurisdiction..

* See Instructions on Reverse Side

DISTRICT MANAGER

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 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 & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

RECEIVED
BLM

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070 FARMINGTON, NM ☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004524864	² Pool Code 79680	³ Pool Name West Kutz Pictured Cliffs
⁴ Property Code 000 570	⁵ Property Name Gallegos Canyon Unit	⁶ Well Number 182E
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 5656'

¹⁰ Surface Location

UI or lot no. K	Section 19	Township 28N	Range 11W	Lot.Idn	Feet from the 1525	North/South Line South	Feet from the 1740	East/West Line West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Dedicated Acres 157.92	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number						

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

¹⁶				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
				Signature Patty Haebele
				Printed Name Patty Haebele
				Title Staff Assistant
				Date 9/5/96
				¹⁸ 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 belief.
				Date of Survey
				Signature and Seal of Professional Surveyor: On File
				Certificate Number

New Mexico Oil Conservation Division
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well.
2. The pool code for this (proposed) completion.
3. The pool name for this (proposed) completion.
4. The property code for this (proposed) completion.
5. The property name (well name) for this (proposed) completion.
6. The well number for this (proposed) completion.
7. Operator's OGRID number.
8. The operator's name.
9. The ground level elevation of this well.
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location, use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre.
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage.
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:
 - C Communitization
 - U Unitization
 - F Forced pooling
 - O Other
 - P Consolidation pending

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ANN INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION!

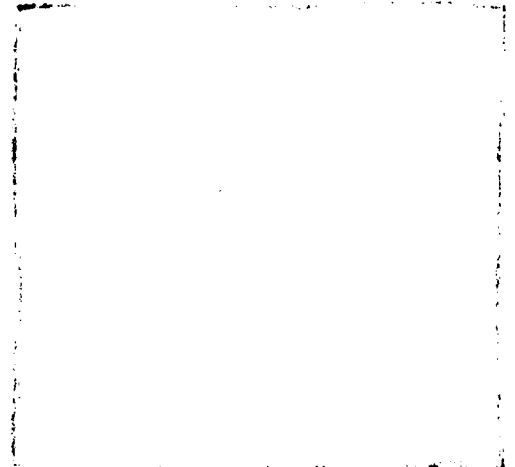
15. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling.
16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions.

[Note: A legal location is determined from the perpendicular distance to the edge of the tract.] If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.



SJOET Well Work Procedure

GCU #182E

Version: Final
Date: 8/3/96
Budget: Major Cash/Recompletion
Repair Type: Recompletion

Objectives: Stimulate Pictured Cliffs

1. Isolate Dakota
2. Stimulate PC
3. Test PC
4. Put on Production.

Pertinent Information:

Location: 19 - 28N - 11W SW
County: San Juan
State: New Mexico
Lease: Federal; SF-080844A
Well Flac: 842479

Horizon: ~~Dakota~~ West Kutz Pictured Cliffs
API #: 30-045-2486400
Engr: Yamasaki
Phone: H--(303)202-0361
W-(303)830-5841
P--(303)553-6437

Economic Information:

APC WI:	55%	FT Anticipated IP:	200 MCFD
Estimated Cost:	\$ 90,000		
Payout:	3 Years		
Max Cost -12 Mo. P.O.	\$		
PV15:	\$ M		
Max Cost PV15:	\$ M		

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:		Menefee:	
Ojo Alamo:	330	Point Lookout:	3970
Kirtland Shale:	440	Mancos Shale:	4270
Fruitland:	1062	Gallup:	5165
Pictured Cliffs:	1525	Graneros:	5940
Lewis Shale:	1600	Dakota:	6110
Cliff House:	2970	Morrison:	

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:	
Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

GCU 182E

TD = 6279', PBTD = 6163'

Page 2 of 2

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 2.375" tubing X PKR.
6. Set CIBP at ~~6100~~. (6010' to 5960')
7. Spot Cement plug to 5800'
8. Set CIBP at 2900'. Spot Cement plug to 2700' Note: New PBTD will be 2700'.
8. Load Hole with 2% KCL. RU Wireline Unit with Packoff.
9. Log with CBL/GR/CCL to insure zonal isolation across Pictured Cliffs. Pressure test casing to 2000#.
10. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD, 13.13 TTP, 4 SPF). Correlate with Welox Induction log ran at completion:
1530-1550
11. Fracture Stimulate down casing with approximately 50 Milbs, 70 Qal foam.
12. Shut in well for 2 hours. Flow back until well logs off.
13. Flow test well reporting Gas and Water to Denver
14. TIH with 2 3/8" land at bottom of perforations.
15. Flow well back a rod pump may be needed.
16. Put well on production and make money.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
1235 La Plata Highway
Farmington, New Mexico 87401

IN REPLY REFER TO:

**Attachment to Notice of
Intention to Workover**

**Re: Plug Back
Well: 182E Gallegos Canyon Unit**

CONDITIONS OF APPROVAL

1. Set the CIBP within 50' to 100' of the top perforation.(top perf @ 6060', CIBP 6010' to 5960')
2. Place a Gallup cement plug from 5214' to 5114' inside the casing plus 50 linear feet excess cement. (top of Gallup @ 5164', 12 sxs)
3. Place a Mesaverde cement plug from 3104' to 3004' inside the casing plus 50 linear feet excess cement. (top of Mesaverde @ 3054, 12 sxs)
4. **Mike Flaniken** with the Farmington District Office is to be notified at least 24 hours before the workover operations commence (505) 599-8907.