Form 3160-5

Approved by

Conditions of approval, if any:

# **UNITED STATES**

FORM APPROVED

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to deale on or reentry to a different replaced by the form for proposals to deale on or reentry to a different replaced by the form for proposals of the f		RTMENT OF THE INTERIOR U OF LAND MANAGEMENT	Budget Bureau No. 1004-0135 Expires: March 31, 1993
1. Type of Wall   Was   Same   Company   Patty Haefele   B. An Washington No.   P. O. Box 800   P. O. Box 800	Do not use this form for pro	posals to drill or to deepen or reentry to a different he CATION FOR PERMIT - " for such proposals	Showord NM-03380 6. If Indian, Allottee or Tribe Name
Own   Signature   Other   Proposed or Completed Operation (Clearly state all partitions and give pertinent dates, including estimated and of stating any proposed or of measured of the vertice because of measured and forward for procedures.   Staff Assistant   One of the attached operation of the attached operation (Company requests permission to recomplete this well per the attached procedures.   Staff Assistant   One of the attached operations (Company requests permission to recomplete this well per the attached operations (Company requests permission to recomplete this well per the attached operations (Company requests permission to recomplete this well per the attached procedures.   One of the attached operations (Company requests permission to recomplete this well per the attached operations (Company requests permission to recomplete this well per the attached procedures.   One of the attached operations (Company requests permission to recomplete this well per the attached procedures and the attached procedures and the attached permission (Company requests permission to recomplete this well per the attached procedures.   One of the attached procedures and the attached permission (Company requests permission to recomplete this well per the attached procedures.   One of the attached permission (Company requests permission to recomplete this well per the attached procedures and the attached permission (Company requests permission to recomplete this well per the attached procedures and the attached permission (Company requests permission to recomplete this well permission to recomplete this well permission (Company requests permission to recomplete this well permission to the permission (Company requests permission to recompany requests permission to recompa		070 F/ day3	7. If Unit or CA, Agreement Designation
Amoco Production Company Patry Haefele 9. All Well No. 3. Address and Telephone No. 9. As Dox 800, Denver, Co 80201 (303) 830–4988 10.6 P.O. Box 800, Denver, Co 80201 (303) 830–4988 4. Location of Well (Footage, Sec. T., R., M., or Survey Description) 1060' FSL 1710' FEL Sec. 18 T 27N R 8W Unit O San Juan New Mexico 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION    Abandoment   Recompelion   R	Oil Ges Other		
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Notice of Intent    Subsequent Report   Plagging Back   Subsequent Report Restrict   Plagging Back   Subsequent Report   Plagging Back   Subsequent Report   Plagging Back   Subsequent Report   Plagging Back   Subsequent Report   Plagging Back   Subsequent Report Report Report   Plagging Back   Subsequent Report   Plagging Back   Pla	TYPE OF SUBMISSION	TY	PE OF ACTION
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	3101100	(G)	Staff Assistant 01-09-1996

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

State of New Mexico

Energy, Minerals & Natural Resources Department

Form C-102

Revised October 18, 1994

Instructions on back

Certificate Number

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## SJOET Well Work Procedure

Wellname:

Florance 66

Version:

#1

Date:

January 9, 1996

**Budget:** 

Major Cash

Workover Type:

Recompletion

#### **Objectives:**

Check for and eliminate casing leaks.

2. Recomplete the Point Lookout (MV) and Chacra horizons.

3. Establish gas rates and shut-in pressures on the MV & CK horizons.

4. Remove packer and reperforate DK horizon.

5. Place well on production--trimingle existing DK with the MV & CK.

Pertinent Information:

Location:

1060' FSL, 1710' FEL, 018-27N-8W

San Juan

State: **New Mexico** 

Lease: Federal # NM-03380

Well Flac:

County:

Horizon: API #:

30-045-11829

DK

Engr: Phone:

Mark Rothenberg W--(303)830-5612

H--(303)696-7309 P--(303) 553-6448

**Economic Information:** 

APC WI:

100%

DK Prod. Before Recomp:

100 MCFD

**Estimated Cost:** 

\$158,000

DK Anticipated Prod.:

**135 MCFD** 

Payout:

4.0 years

MV Anticipated Prod.:

200 MCFD

Max Cost -12 Mo. P.O.

CK Anticipated Prod.:

50 MCFD

PV15:

\$89.6M

Total Anticipated Prod.:

**385 MCFD** 

Formation Tops: (Estimated formation tops)

Ojo Alamo: Fruitland:

Pictured Cliffs: Mesa Verde:

2290 3982

Mancos: Gallup:

4800 5792

Greenhorn: Dakota:

6592 6690

**Bradenhead Test Information:** 

**Test Date:** 

6/10/88 Tubing:

690

Casing:

0

**BH**: 0

Well shut in, Bradenhead open.

### V√ellname: Florance 66

Page 2 1/9/96

### Suggested Procedure:

- 1. Check location for anchors. Install if necessary. Test anchors.
- 2. MIRUSU. Record DK SITP and CPs. Blow down well. Kill, only if absolutely necessary, with water.
- 3. NDWH. NUBOP.
- 4. TOH with 2 3/8" tubing and RIH with bit and scrapper and mill our packer at 6753.
- 5. RIH with tbg and RBP, set RBP at 6600', circulate hole clean. Pressure test casing (if full of water, PT to 500#, if dry, PT with gas to 3000#). Isolate any leaks found and contact Denver. DO NOT repair any leaks before running CBL.
- 6. Run CBL/CCL/GR from 4900' to 3000' to determine condition of cement behind pipe. Relay CBL info to Mark Rothenberg in Denver (continuous fax # 303-830-4264) to verify if remedial cement squeezes will be needed prior to any frac treatment.
- 7. Release RBP and reset at 4900'. Spot 10' of sand on RBP and pressure test plug to 1000 psig.
- 8. Correlate GR to Welex Induction Electric log (9/28/66) for depth control. Perf Limited Entry 15 shots at: 4628, 4634, 4640, 4646, 4652, 4660, 4682, 4685
  4698, 4706, 4713, 4751, 4765, 4790, 4798
- 9. Frac MV according to attached frac procedure A.
- 10. RIH and set plug RPB at 3400'. Spot 10' of sand on RBP and pressure test plug to 1000 psig.
- 11. Correlate to Welex Induction Electric Log (9/28/66) for depth contral. Perf high density, 2 JSPF: 3270-3280 3300-3310
- 12. Frac Chacra according to attached frac procedure B.
- 13. Flow well back as soon as possible to tank on a 1/4" choke for 8 hours, then increase choke to 1/2". Establish and record gas, water, oil rates and producing and shut-in TP and Cps. Obtain water and gas samples.
- 14. Retreive top RBP and flow back MV frac on 1/2" choke. Establish and record gas, water, oil rates and producing and shut-in TP and Cps. Obtain water and gas samples.
- 15. RIH with bit and scraper for 4.5" csg and c/o sand to RBP at 4500'. Retreive RBP and TOOH.
- 16. Reperforate Point Lookout with 2 JSPF at

4624-4666

4678-4716

4748-4770

4786-4800

17. Reperforate Dakota with 2 JSPF at:

6770-6786

6832-6838

6868-6876

6890-6894

6903-6907

6937-6939

6954-6964

Wellname: Florance 66

Page 2 1/9/96

- 18. TIH with 2 3/8" production string, tag for fill and clean out if necessary, and land at 6900' (1/2 mule shoe on btm and a SN 1 JT off btm). RDMOSU
- 19. Place well on production.

Note: Since this procedure may invlove recompletion and DRA expenditures, please be sure to label all invoices accordingly so that costs can be accounted for properly.

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