

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

5. Lease Designation and Serial No.

SF-079511A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Florance I 3

9. API Well No.

3004527531

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal Gas

11. County or Parish, State

SAN JUAN NEW MEXICO

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Pat Archuleta

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5217

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

1420' FSL

1630' FWL

Sec. 14 T 30N R 8W UNIT K

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

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

- ☐ 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 repair the above well per the attached procedures.

If you have any technical questions contact Mike Kutas at (303) 830-5159.

RECEIVED
MAR 27 1998
OIL CON. DIV.
DIST. 3

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

Signed

Pat Archuleta

Title

Staff Assistant

Date

03-20-1998

(This space for Federal or State office use)

Approved by

WAYNE TOWNSEND

Title

Pet. Eng.

Date

3-25-98

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

NMOCD

SJOET Well Work Procedure

Florance I 3

Version: #1
Date: March 18, 1998
Budget: Well Repair
Work Type: Change wellhead, C/O, underream,
stabilize hole, run and perf liner

Objectives:

1. Change wellhead, clean out fill, underream, and stabilize hole
2. Run and perf liner
3. Return well to production

Pertinent Information:

Location:	1420'FSLx1630'FWL; Sect 14K-T30N-R08W	Horizon:	FT
County:	San Juan	API #:	30-045-27531
State:	New Mexico	Engr:	Kutas
Lease:	BLM: SF-079511A	Phone:	H--(303)840-3700
Well Flac:	703051-01		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	50%	Prod. Before Repair:	1600 MCFD
Estimated Cost:	\$140,000	Anticipated Prod.:	2500 MCFD
Payout:	6 Months		
Max Cost -12 Mo. P.O.	\$292M		
PV15:			
Max Cost PV15:			

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

Formation Tops: (Estimated formation tops)

Nacimiento:
Ojo Alamo:
Kirtland Shale:
Fruitland: 3138-3347'

Bradenhead Test Information:

Test Date: 5/96 Tubing: 150 Casing: 150 BH: 0 psi

Time	BH	CSG	INT	CSG
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5 min

10 min

15 min

Comments: No flow

Florance I 3
Orig. Comp. 1/90
TD = 3347'
Page 2 of 2

Current wellbore info: 7" CSA 3130', OH at 3130-3347', 2 3/8" TSA 3280', Fill at 3298' (10/96 TBG tag)
Current flow info: 1610 MCFD, 3 BWPD, FTP=23 psi, FCP=7 psi, LP=144 psi; Producing tubing and casing on compression-tubing appears logged.

General observations: 1. Well has underperformed compared to offsets and has not been recavitated
2. Bottom coals in well (@3297-3301' and 3321-34') are covered with fill
3. Tubing head has 2" casing valves (w/approx. 1.5" IDs)

Short term plans: 1. Change wellhead, clean out, underream, cavitate, line and perf well

Long term plans: 1. Place on artificial lift (if needed)

1. Set plug in F Nipple (1.78") sa approx. 3247'. MIRURT; equipped with air package/mist pump
2. ND tree, rig up BOP's; complete with venturies on blooie lines w/manual valves. Test BOE. TOH w/2 3/8" tubing
3. Set wireline CIBP in 7" at 3000'. Load csg w/water and pressure test t/500 psi for 30 mins. ND BOPE. Change out wellhead (use tubing head equipped with 3 1/8" casing outlets and for hanging 2 7/8" tubing); NU and test BOE.
4. Pick up drill collars, and 6.250" bit, unload water and drill out CIBP, clean out fill from 3298' to total depth (3347') using air and foam. Record bridges, tight hole, and fill amounts in O.H. section. Underream hole at 3130-3347' from 6 1/4" to 11". Cavitate well to clean up open hole section. C/O and stabilize hole as quickly as possible to allow running liner (short trip to casing shoe and wait for 4-6 hours and check to determine amount of fill and how difficult it is to clean up) with no rotation or circulation if possible. TOH w/drill string and lay down drill collars.
5. Run a blank 5.500" flush joint liner (Hydril 511) from TD back to approx. 3,080' or with as little overlap as possible. Install a tricone bit on bottom with a float immediately above bit and a Baker Model SLP-R Liner Hanger Packer. Strip in hole and drill to bottom with power swivel if necessary. Hang liner, lay down drill pipe and setting tool. Note: Amoco has used hangers in stock at Baker (all need dressing).

6. RU HES, run GR-CCL to identify correct coal seam depths; TIH and perforate liner as follows:

COAL ZONES		PERFORATIONS		
Ignacio	3,181 to 3,190'	3,181 to 3,190'	4 jspf	36 holes
	3,212 to 3,215'	3,212 to 3,215'	4 jspf	12 holes
Cottonwood	3,284 to 3,290'	3,284 to 3,290'	4 jspf	24 holes
	3,297 to 3,303'	3,297 to 3,303'	4 jspf	16 holes
Cahn	3,321 to 3,334'	3,321 to 3,334'	4 jspf	52 holes
	3,340 to 3,342'	3,340 to 3,342'	4 jspf	8 holes
		Total		148 holes

5. TOH and lay down drill pipe and bit; RIH w/2 3/8" TBG as follows:

- 1) mule shoe
- 2) 1 jt 2 3/8" tbg
- 3) STD SN (1.780" ID) with retrievable plug in place
- 4) remainder 2 3/8" TBG (All TBG: 4.6# J55 FBN)

Land bottom of TBG at approximately 3320-25'--space out with subs or cut mule shoe joint to get tbg landed at this depth.

6. RDMORT. Pull tbg plug. Sample and ensure well contains less than 0.5% air. **Turn well over to production. Note: bring well on slowly, well may need swabbing in order to RTP.**

Dependent on speed of hole stabilization, I estimate this procedure to require approximately 6 days and to cost approximately \$140,000 (see attached AFE form).

If problems are encountered, please contact:

Mike Kutas

(W) (303) 830-5159
(H) (303) 840-3700
(P) (303) 553-6334

Amoco Production Company

ENGINEERING CHART

Sheet No _____ Of _____

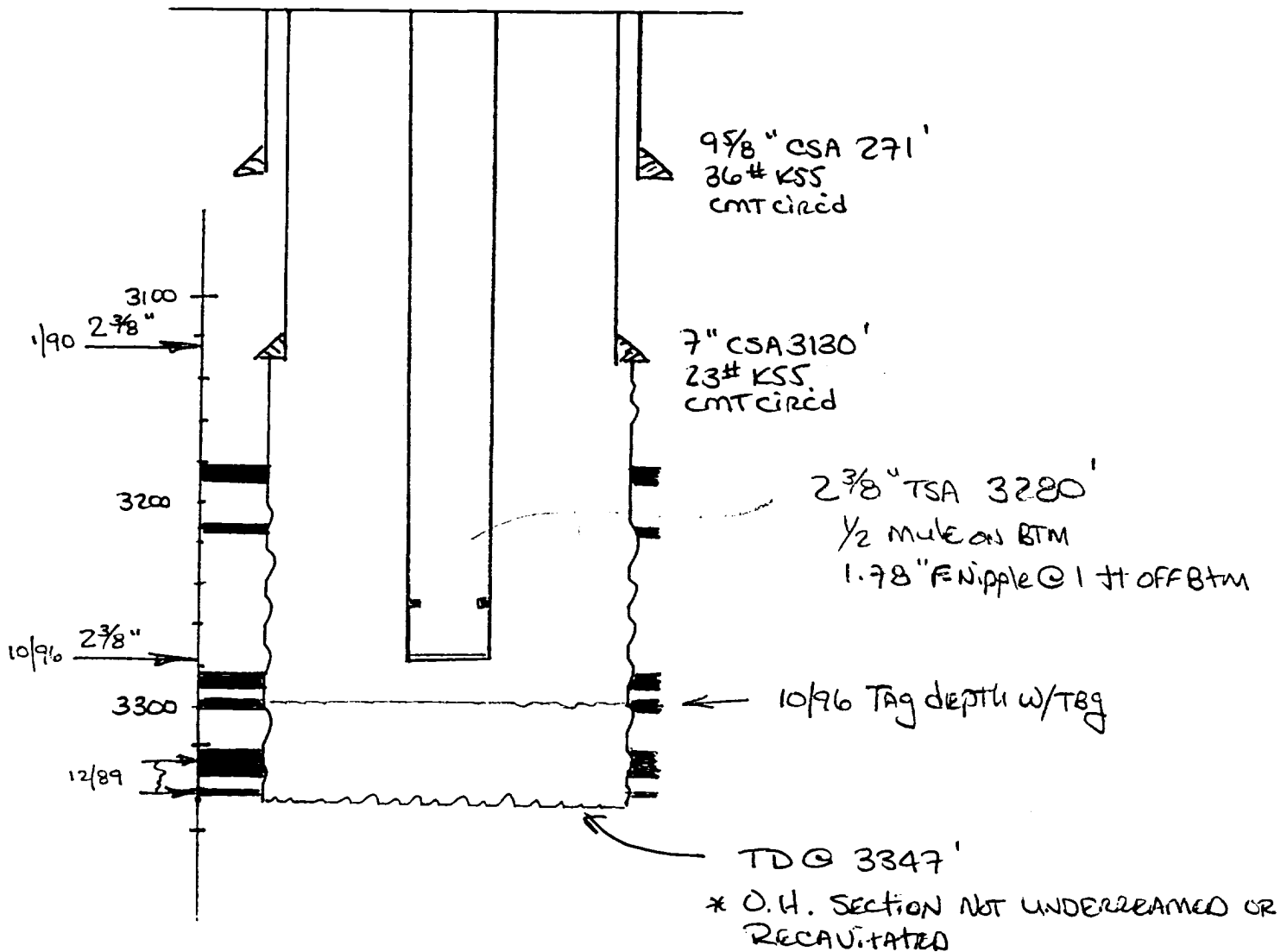
File _____

Appn _____

Date 8/14/97

By Gmk

SUBJECT FORANCE I 3



Amoco Production Company

Sheet No _____

ENGINEERING CHART

File _____

SUBJECT FLOUANCE I 3

Appn _____

Date 8-13-97

By GML

SPUD : 2/3/89 9 5/8" CSA 271', 36# KSS, CMT Circ'd
RREL : 12/7/89 7" CSA 3130', 23# KSS, CMT Circ'd

- 12/29/89 - MIRUSU, TEST BDE, PU BIT, HWDP, DC, TIH
- D.O. TO TD @ 3347', FOUND COALS @ 3181-90 NO FLARE
 - CIRC, HOLE SLOWING COAL 3212-15 "
 - LD HOLE w/WATER, UNLOAD HOLE, CST w/ 3284-90 20' FLARE
 - BIT @ 3301', c/o 12' FILL, CIRC - 8' 3297-3301 25' FLARE
 - FLARE + 2" STREAM OF WATER 3321-34' "
 - 3340-42'
 - FLOW TEST 3/4" ch, 4 HRS, CPF = 40-240 PSI, CST x 4, 1000 PSI, c/o 1 FILL, CST x 4, 1000 PSI, c/o 12' FILL, CIRC, FLOW TEST: 3/4", 2 HRS, 27 PSI c/o 7' FILL, LITTLE COAL TO SURF
 - CIRC, CST x 4, 1200-1300 PSI, HAD 13', 5', 5', 4' FILL AFTER EACH, c/o, FLOW TEST: 3/4" 725 MCFD, 50 PSI, WTS IN 3 1/2 HRS; c/o 4' FILL
 - STEADY 25' FLARE, NO HEADING UP. Pull & LD DP, PU x RUN 2 3/8" TBG, 4.7# JST FBN; ^{2nd shoe} EXP CHECK, 1 JT TBG, FNIPPLE - 1.78"
 - RREL 1/5/90 - Pump out EXP ✓ VANE TSA 3127'
 - FLOW TEST: FINAL TEST: 566 MCFD, PTP/CP = 227/423 PSI, 66 BWPC
- 10/14/96 - MIRUSU SITP/CP = 200/240 PSI, TIH x TAG @ 3298'; LAND TBG @ ~~3278~~ 3279.71'; RD x MOSU 10/15/96

NEAR TEL

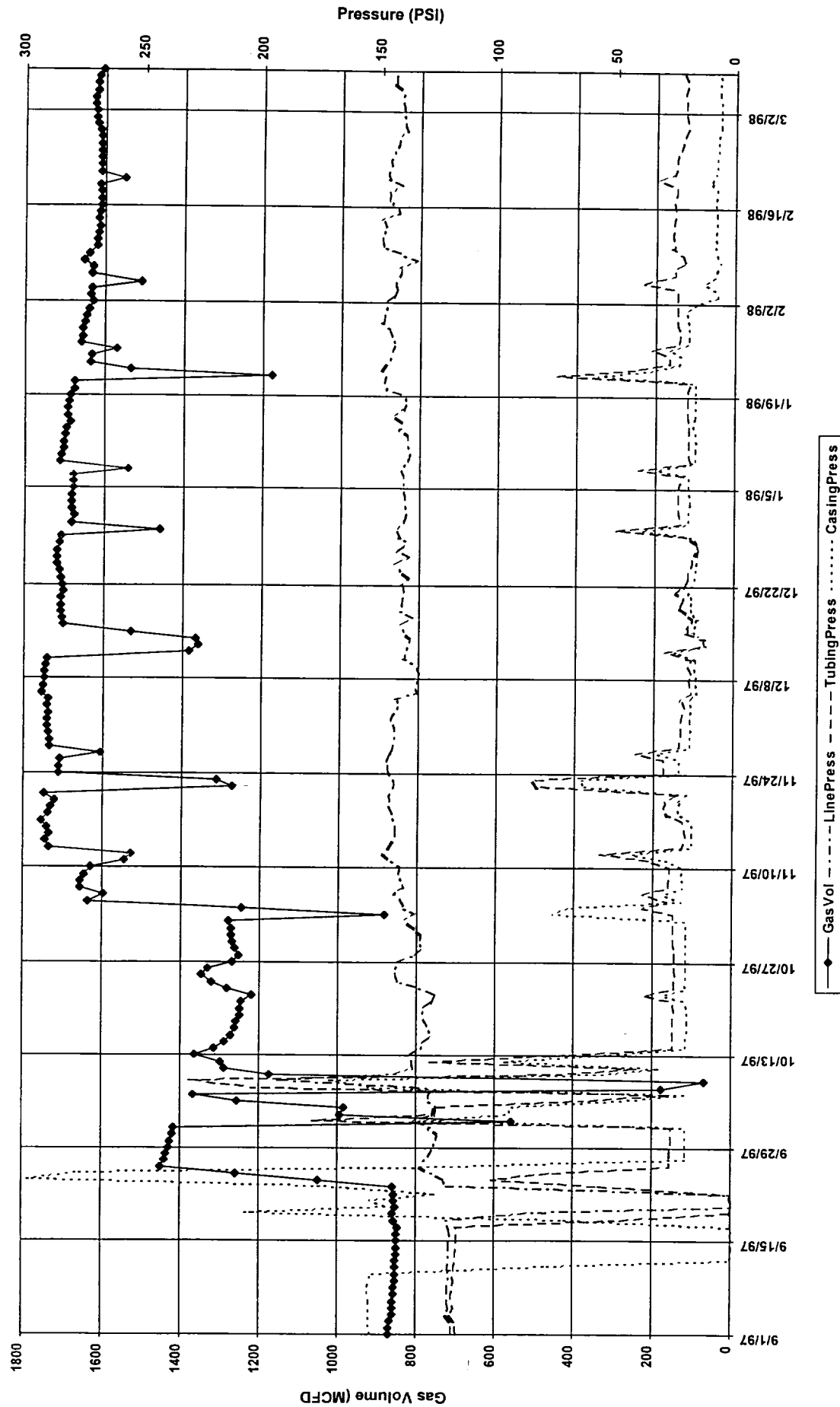
Wellname: FLORANCE I 003-FT

Flacwell: 70305101

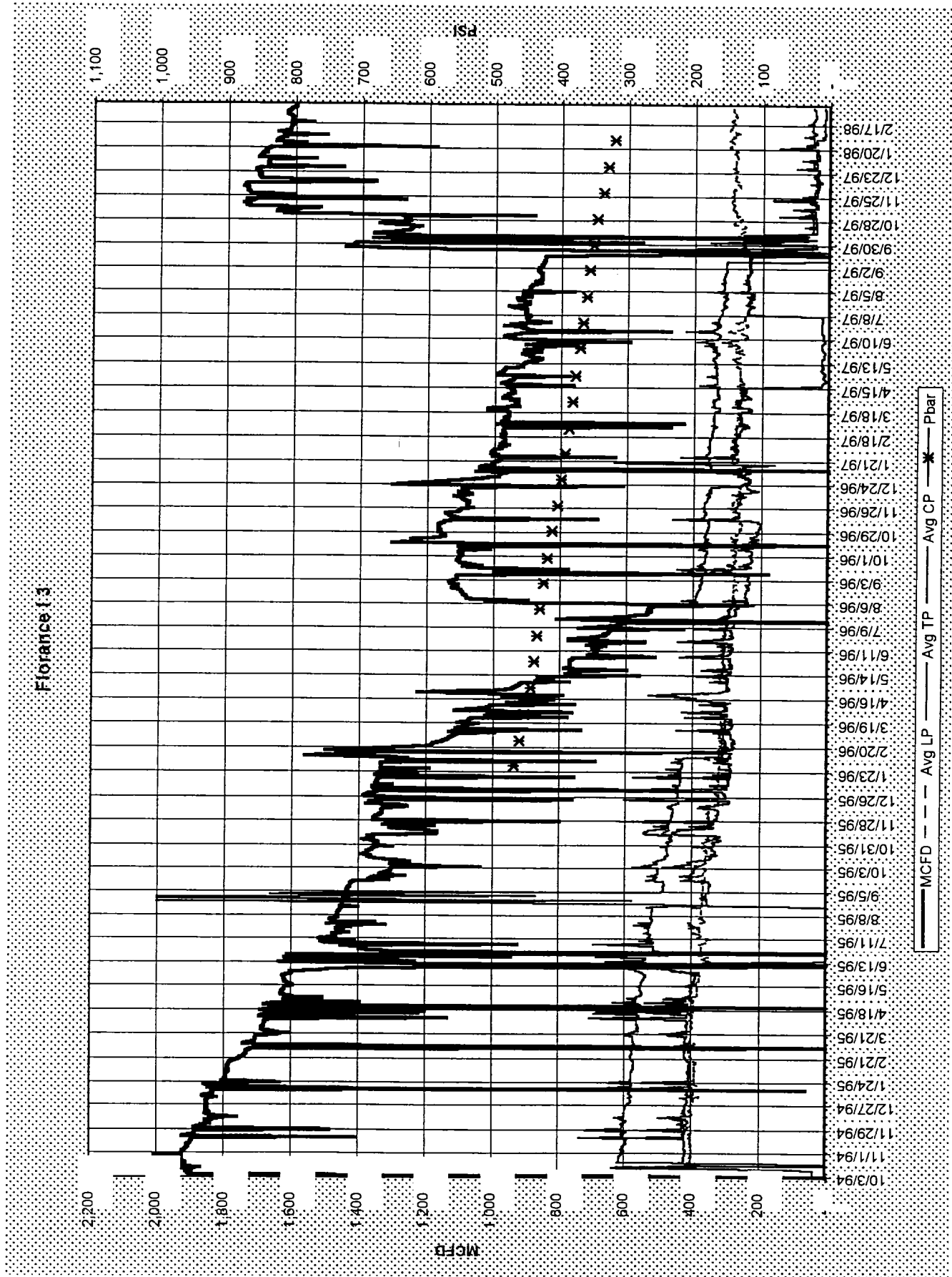
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Amoco - OIDB/Synergy Data

Daily Well Production



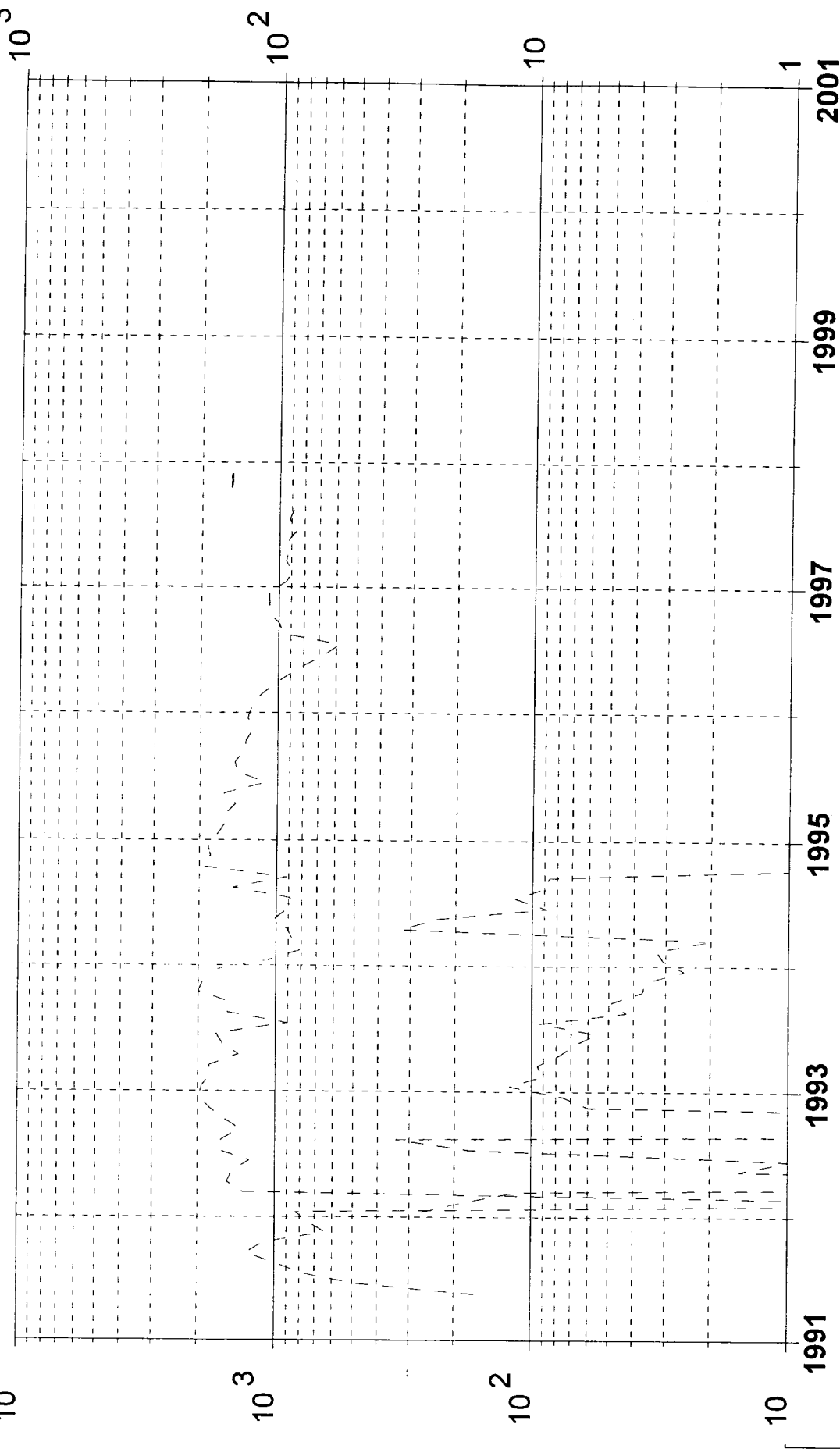
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14-00000

Dwights

Lease: FLORANCE I (3)
Retrieval Code: 251,045,30N08W14K00FT
03/03/98



County: SAN JUAN, NM F.P. Date: 05/91
Field: BASIN (FRUITLAND COA Oil Cum: 0 bbl
Reservoir: FRUITLAND COAL Gas Cum: 2825 mmcf
Operator: AMOCO PRODUCTIO Location: 14K 30N 8W

DATE LOGGED: _____
FROM 12/30/89 TO 12/30/89
MUD TYPE Fresh Water
MUD CO. _____

CHROMATOGRAPH ANALYSIS

Total = 50 Units/Division
C₁ = 100 Units/Division
C₂ = 272 Units/Division
C₃ = 296 Units/Division
C₄ = 301 Units/Division