

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 - 078336

6. Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

FLORANCE 114 FT # 2

9. API Well No.

3004527540

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:

Nancy I. Whitaker

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5039

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

2390 FSL

980 FWL

Sec. 11 T 30N R 9W

UNIT L

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 C/O DEEPEN RATHOLE

☐ 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 DEEPEN THE RATHOLE IN THIS WELL, AND C/O ACCORDING THE ATTACHED PROCEDURES.

FOR TECHNICAL INFORMATION CONTACT MIKE KUTAS 303-830-5159

Maximum total Depth - 2809'

RECEIVED
MAR 18 1997

OIL CON. DIV.
DIST. 3

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

Signed

Title

Staff Assistant

Date

03-10-1997

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

By Duane W. Spencer

MAR 14 1997

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.

NMOC

* See Instructions on Reverse Side

SJUE I Well Work Procedure

Florance 114-2

Version: #1
Date: March 10, 1997
Budget: Well Repair
Work Type: C/O, Deepen, C/O WH and TBG

Objectives:

1. Clean out fill and stabilize hole
 2. Change out wellhead and tubing; lower tbg
 3. Restore well production--can't unload well
-

Pertinent Information:

Location:	2390'FSLx980'FWL; Sect 11L-T30N-R09W	Horizon:	FT
County:	San Juan	API #:	30-045-27540
State:	New Mexico	Engr:	Kutas
Lease:	SF-078336	Phone:	H--(303)840-3700
Well Flac:	703821		W-(303)830-5159
			P--(303)553-6334

Economic Information:

APC WI:	50%	Prod. Before Repair:	1800MCFD
Estimated Cost:	\$65,000	Anticipated Prod.:	4300MCFD
Payout:	1 Months	Prod. Before Repair	
Max Cost -12 Mo. P.O.	> \$1 MM	Anticipated Prod.:	
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:		Mesaverde:	
Ojo Alamo:		Point Lookout:	
Kirtland Shale:		Mancos Shale:	
Fruitland:	2590'-2802'	Gallup:	
Pictured Cliffs:	2824' (Est'd: Florance 18A)	Graneros:	
Cliff House:		Dakota:	
		TD:	2800'

Bradenhead Test Information:

Test Date: 6/96 Tubing: 146 Casing: 148 BH: 0 psi

Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments: BH test witnessed by NMOCD.

Florance 114#2:

Current wellbore info: 7" CSA 2569', OH at 2569-2800', 2 3/8" TSA 2565', Fill at 2750' KB

Current flow info: 1800 MCFD, FTP=103 psi, FCP=n/a psi, LP=97 psi; Producing tubing and casing; Well has original TBG head and is currently producing through both 2 1/8" CSG valves (1.5" IDs).

General observations: 1. Well has experienced serious loading problems; production dropped 2700 MCFD in 12/96; Blowing recovers little water and fails to restore production; historically a wet well
 2. Well was cavitated in 12/89 and has not been recavitated or underreamed.
 3. Well has not experienced ledge or sloughing problems
Short term plans: 1. Replace WH, C/O, and replace/lower tubing
Long term plans: 1. Place on artificial lift (if needed)

1. MIRURT; equipped with air package/mist pump
2. ND tree, rig up BOP's; complete with venturies on blooie lines w/man. valves. Test BOE. Set plug in SN in 2 3/8" TBG (1.78" ID SN sa 1 jt off btm, at approx. 2535'). TOH and lay down 2 3/8" tubing
3. Set wireline EZSV in 7" at 2500'. Load csg and pressure test. NDBOE and change out TBG head to allow hanging 2 7/8" TBG (w/full opening 3 1/8" casing valves). NUBOE and test
4. Pick up 2 7/8" TBG, drill collars, and 6.250" bit, blow hole dry, drill up EZSV, clean out fill from 2,750' to total depth (2800') using air and foam. Drill out to a TD of 2816-17'. C/O and stabilize hole. Stabilize hole as quickly as possible (after reaching TD, trip out to casing shoe and wait for 4-6 hours and check to determine amount of fill and how difficult it is to clean up. Repeat as necessary.
5. TOH and lay down drill pipe and bit; RIH w/2 7/8" TBG as follows:
 - 1) 2 7/8" purge valve
 - 2) 2' slotted 2 7/8" tbg sub
 - 3) 10' 2 7/8" tbg sub
 - 4) 10' 2 7/8" tbg sub w/ 5/8" hole in middle
 - 5) 2 7/8" std. SN (2.280" ID) with retrievable plug in place
 - 6) remainder 2 7/8" TBG (All TBG: 6.4# J55)

Land bottom of TBG at approximately 2780' (approx. 30' above TD). Pull retrievable plug. RDMODU. **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 5-6 days and to cost approximately \$65,000 (see attached AFE form).

If problems are encountered, please contact:

Mike Kutas

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

Repair Well Cost Detail

Property - FLORANCE 114 FT, Well# 002L11

SAN JUAN County, NM

Property FLAC - 698065

Well FLAC - 703821

Operating Field - BLANCO-PICTURED CLIFFS-GAS

Amoco Production Company

Ownership Code: 00

Intangibles		Tangibles	
Rig Cost	\$15,000	Casing	\$0
Equipment Rental	\$16,000	Tubing	\$8,500
Circulating Media	\$0	Wellhead	\$9,000
Cement and Service	\$0	Other	\$0
Packers and Equipment	\$0		
Perforate, Log, Wireline	\$3,800	Total Tangibles	\$17,500
Stimulation	\$0		
Labor	\$2,000		
Special Equipment	\$0		
Fishing	\$0		
Other Intangibles	\$10,700		
Total Intangibles	\$47,500		

	Net	Gross
Total This Request	\$32,500	\$65,000
Previous Estimate	\$0	\$0
Total to Date Estimate	\$32,500	\$65,000

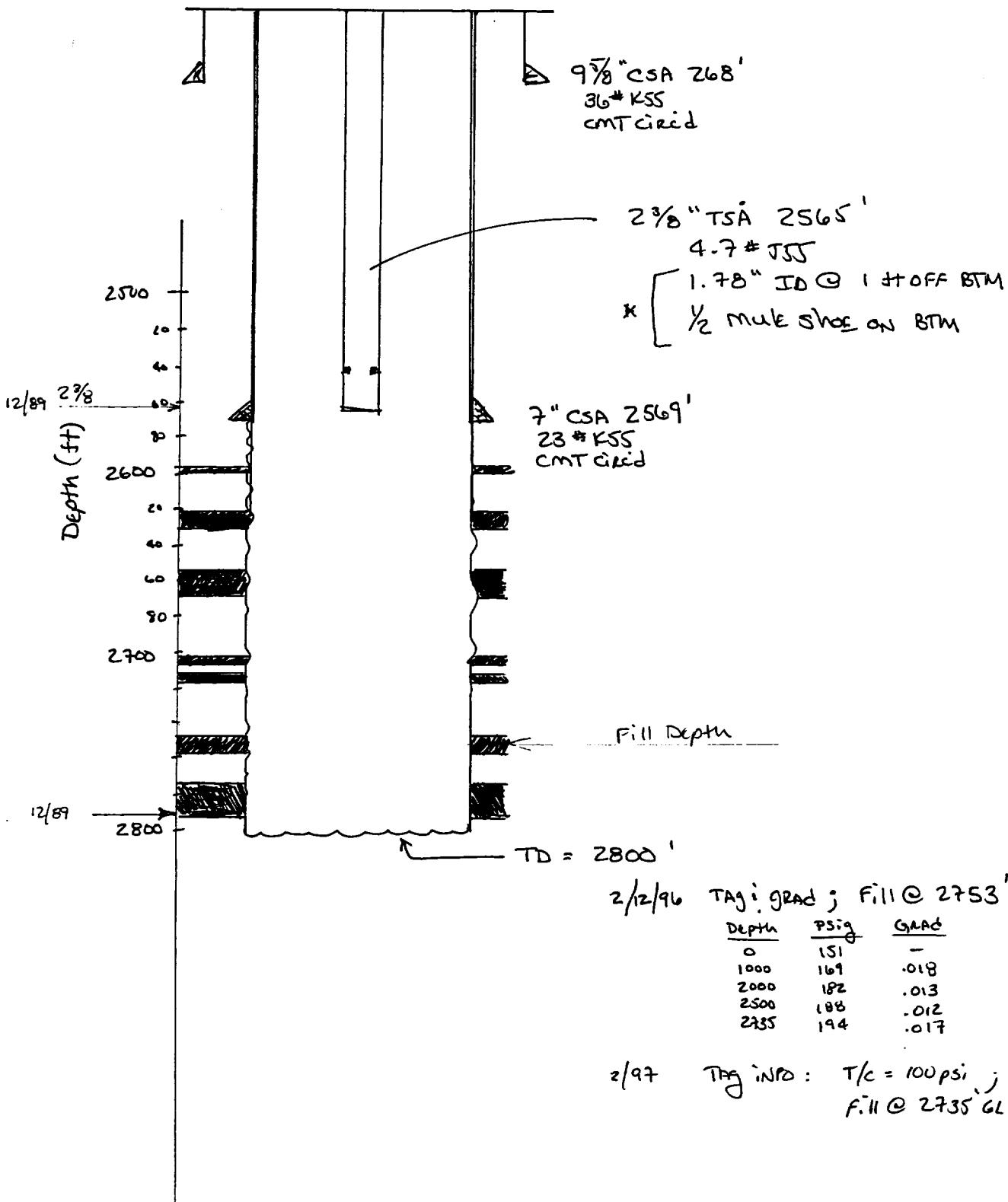
Amoco Production Company

Sheet No _____ Of _____
File _____

ENGINEERING CHART

SUBJECT FLORENCE 114 #2

Appn _____
Date 2/14/97
By GMK



Sheet No. _____ Of _____
File _____

Appn _____

Date 2-17-97

By Gm/K

$TD = 2800$

- D/O TO 2800', RTCS, HEAVY MIST w/ GAS, TAG FILL @ 2776', c/o, LARGE AMT COAL TO SURF
- CIRC HOLE, 5-10' FILL BETWEEN FLOWS, EST BWPD = 869
- CIRC HOLE, WELL MAKING FINE COAL, 25' FLARE, BWPD = 412
- RTCS, FLOW WELL: 420 MCFD, VERY HEAVY MIST 290 PSI CP, COAL RETURNS DIMINISHING
- INJ AIR FOR CAN, C/O TO FILL, PRODUCING COAL, HOLE SLOWLY WIDENING
- " " " " , C/O 8' FILL, PRODUCING COAL, NO CHANGE IN 25' FLARE
- SI FOR HOLLOWAYS, SI HR SIP = 1300 PSI, TAG C/O 5' FILL; TEST 750-1000 MCFD, 260# FCP
BWPD = 550 0.75" ch
- TAG @ 18' FILL, VERY LITTLE COAL RETURNS - NO PROBS w/ STICKING, PREP TO LOOP
- RUN 278" TAG w/ EXP CHECK - MULE SHOE, EXP CHECK, 1 JT TAG, 1.78" ID SN
TSA 2565' (4.7# J55) $\approx$ 2531'
- RDR/ 12/28/89
- FLOW TEST WELL 12/31/89 - 1/7/90 FINAL FLOW TEST = FTP/FCP = 318/642 PSI;
1206 MCFD, 816 BWPD

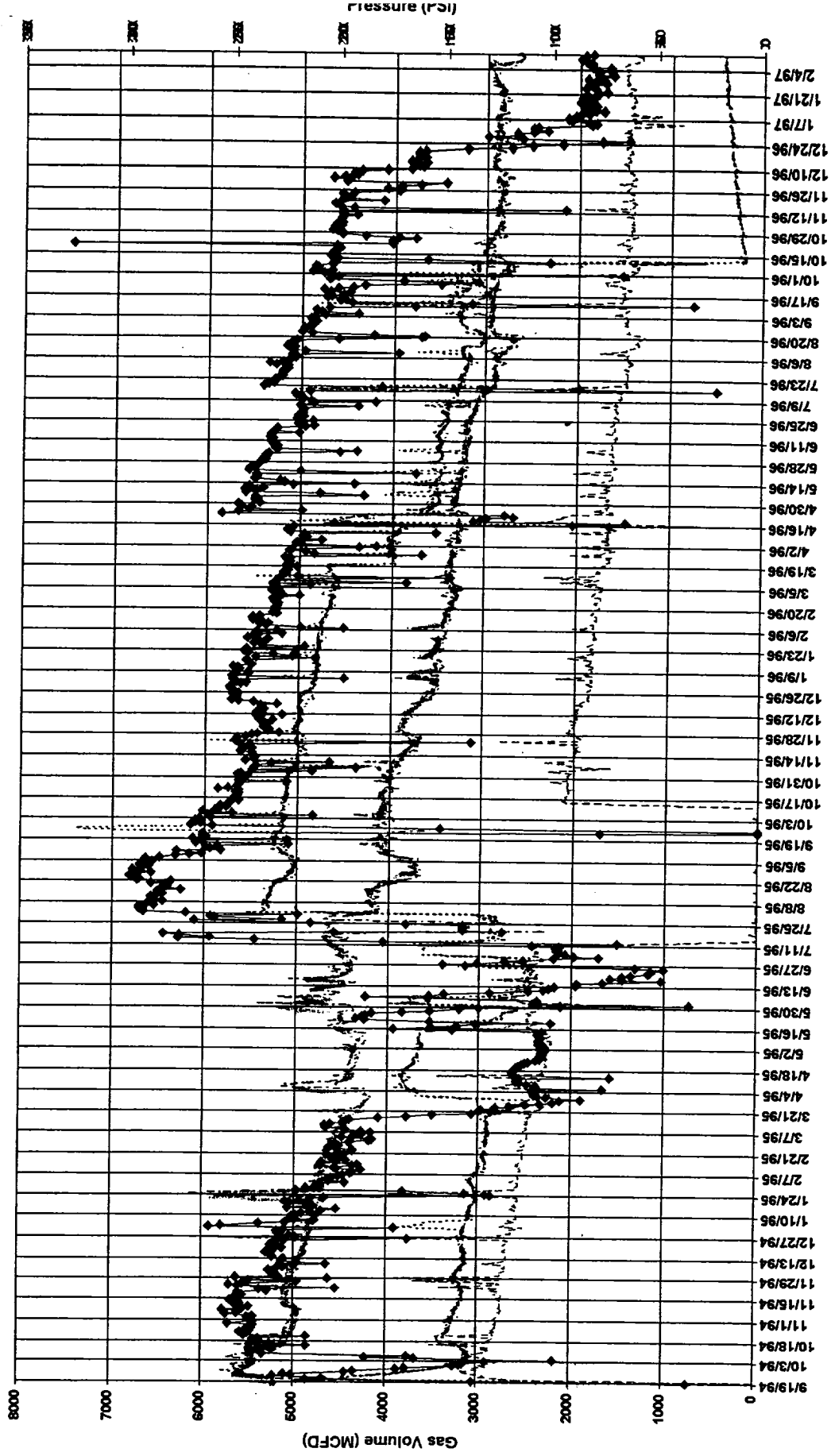
* NEVER BEEN UNDER REAMED OR RECAID

Wellname: FLORANCE 114-002 #B-FT

Flacwell: 70382101

Amoco - OIDB/Synergy Data

Daily Well Production



Dwights

Lease: FLORANCE 114 (2)

02/14/97

Retrieval Code: 251,045,30N09W11LM1FT

10³
10⁴
10

10²
10³
10

10²
10³
10

1
10
1991

1993

1995

1997

Gas (mcf/day)

Oil (bbl/day)

Water (bbl/day)

County: SAN JUAN, NM

F.P. Date: 08/91

Field: BASIN (FRUITLAND COAL) FT

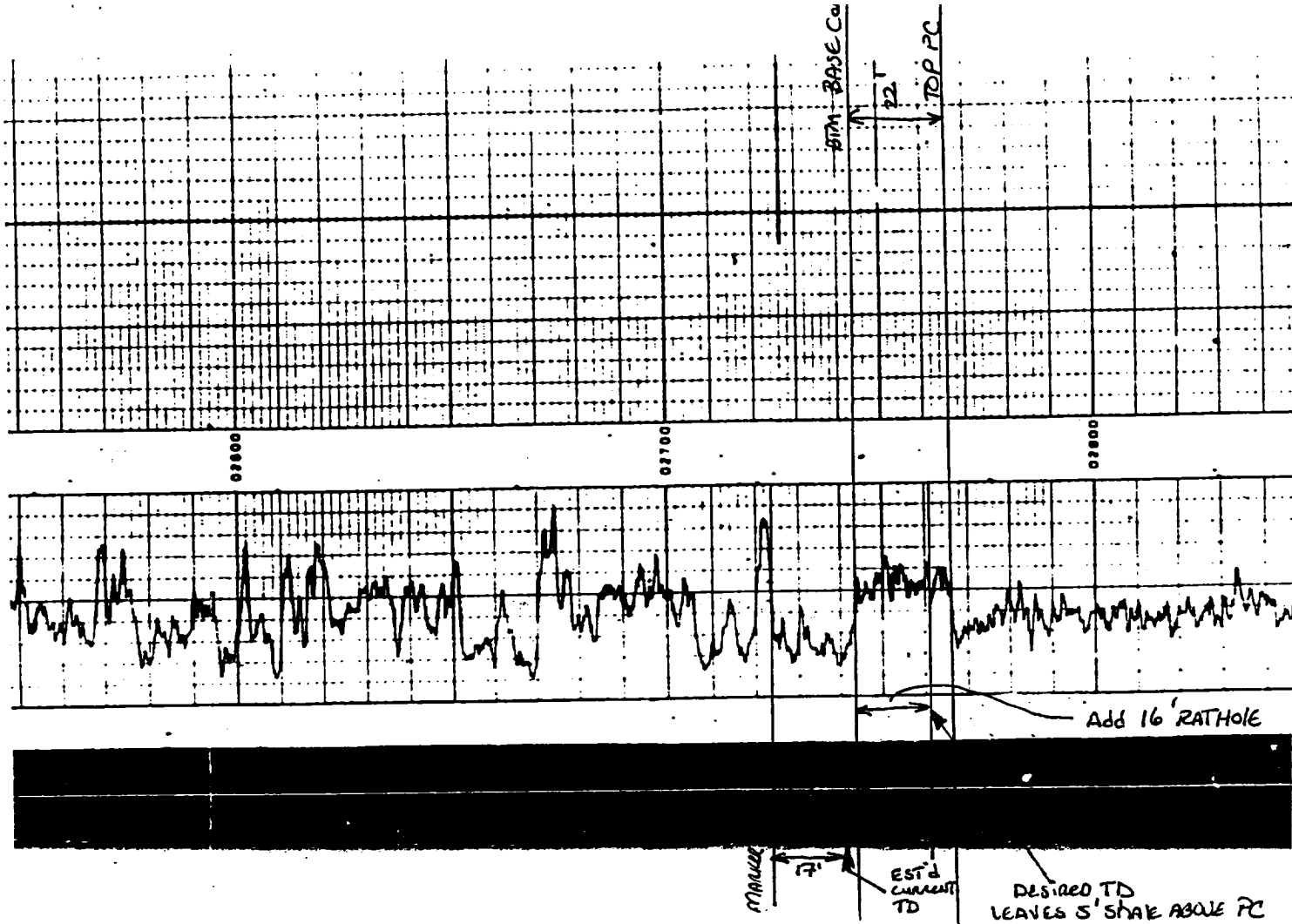
Oil Cum: 0 bbl

Reservoir: FRUITLAND COAL

Gas Cum: 6942 mmcf

Operator: AMOCO PRODUCTION CO

Location: 11L 30N 9W



		COMPANY <u>CONSOLIDATED DRILLING CO.</u>	
WELL <u>FLORENCE 18A</u>		FIELD <u>FLORIAN Mesa Verde</u>	
COUNTY <u>SAN JUAN</u> STATE <u>NEW MEXICO</u>		LOCATION <u>SW NW</u>	
Section <u>11</u> Top <u>305</u> Age <u>SW</u>		TEMP	
Permanent Datum <u>Surface</u> Elev <u>5282</u> Elev <u>50</u> Log Measured From <u>KL</u> <u>14.8'</u> Above Perm. Datum Drilling Measured From <u>KL</u> <u>1'</u> <u>GI</u> <u>2500</u>			
Date <u>8-2-76</u> For Use <u>Oil</u> Type Log <u>Gamma-Ray</u> Depth - Driller <u>5300</u> Depth - Logger <u>5300</u> Bottom Logged Interval <u>5300</u> Top Logged Interval <u>5300</u> Type Mud in Hole <u>Shale</u> Activity RPM <u>GI</u> Density <u>GI</u> Level <u>GI</u> Max. air temp. dry <u>114</u> Operating rig time <u>11 hours</u> Recorded by <u>Hamilton Jones</u> Witnessed by <u>OS</u>			
Core-Hole Record		Core Record	
No.	From	To	Wp
Core 1	Surface	278	9.56
Core 2	278	288	7
Core 3	288	290	24

