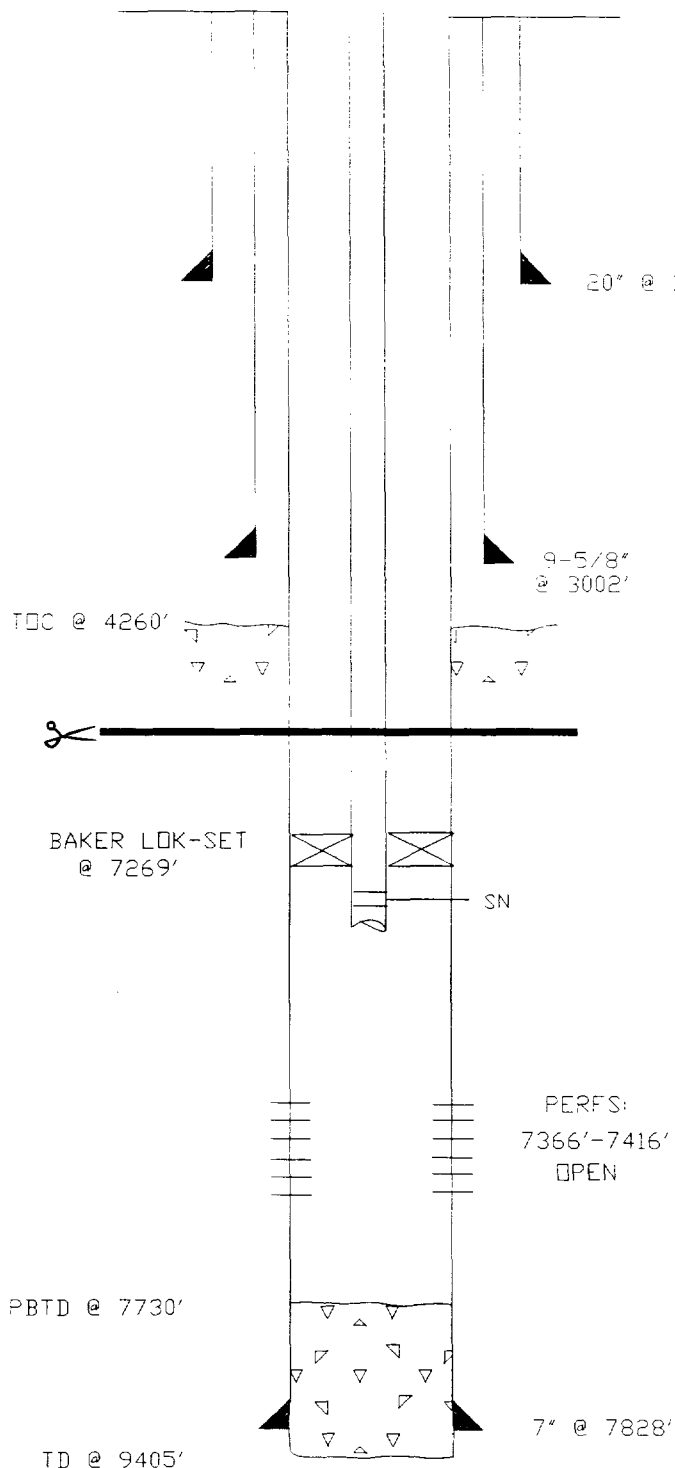


PRESENT COMPLETION



INDIAN BASIN
INDIAN BASIN C NO. 1 (226)

1650' FNL & 1650' FWL
SECTION 26, T-21S, R-23E
EDDY COUNTY, NEW MEXICO

TD: 9405' PBTD: 7730'
GL: 3861' KB: 3873'

SURFACE: 20" 54# SET @ 113', CEMENTED W/360sx CIRC.
TO SURFACE.

INTERMEDIATE: 9-5/8" 36# SET @ 3002', CEMENTED
w/300 sx 8% GEL, 50/50 PDZ MIX & 1050sx
4% Gel TAILED IN W/150sx NEAT CEMENT.
CIRC CEMENT.

PRODUCTION: 7" 23# & 26# SET @ 7828', CEMENTED W/
400sx NEAT 50/50 PDZ MIX & 200sx NEAT
CEMENT. TOC @ 4260'. (TEMP SURVEY)

TUBING: 236 JTS, 2-7/8" 6.5# 8rd J-55
7" X 2-7/8" X BAKER MODEL A-3 LOK-SET PKR.
1 JT 2-7/8"
F NIPPLE (2.25 ID)
2-7/8" RE-ENTRY GUIDE

PRESENT COMPLETION: UPPER PENN - 7366' TO 7416' W/
4 JSPF (200 HOLES).

HISTORY: SPUDDED: 11/3/63 COMPLETED: UPPER PENN 12/24/63

PERFS:
7366'-7416'
OPEN

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 10923

Exhibit No. 4

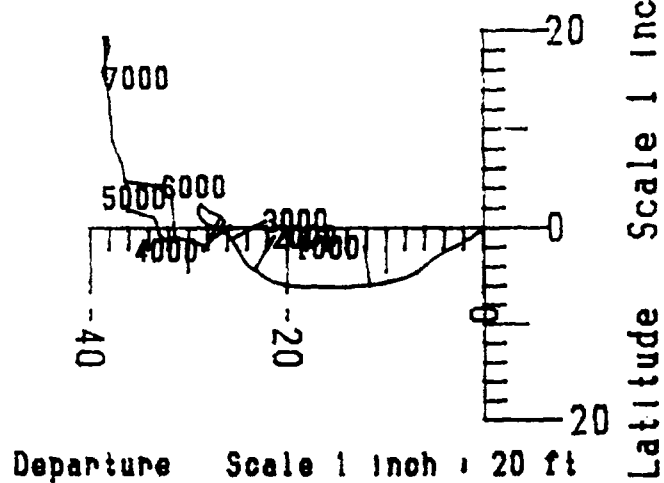
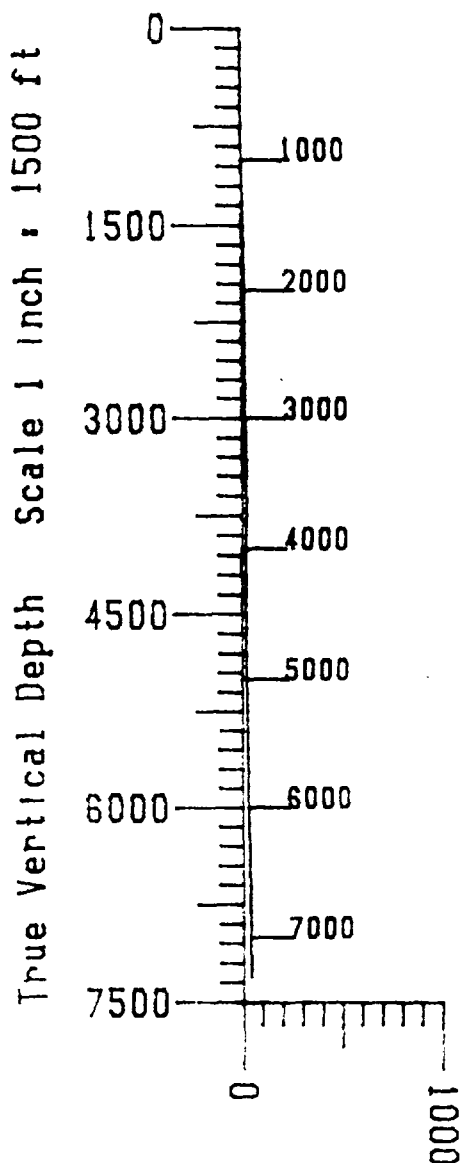
Submitted by Marathon Oil Company
March 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN "C" No. 1
Eddy County, New Mexico
WELLBORE SCHEMATIC
PRESENT COMPLETION



SCIENTIFIC DRILLING INTERNATIONAL
FOR
MARATHON OIL COMPANY
INDIAN BASIN OC-1
IN
EDDY COUNTY, NM



Vertical Section Scale 1 inch = 1000 ft

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 10923

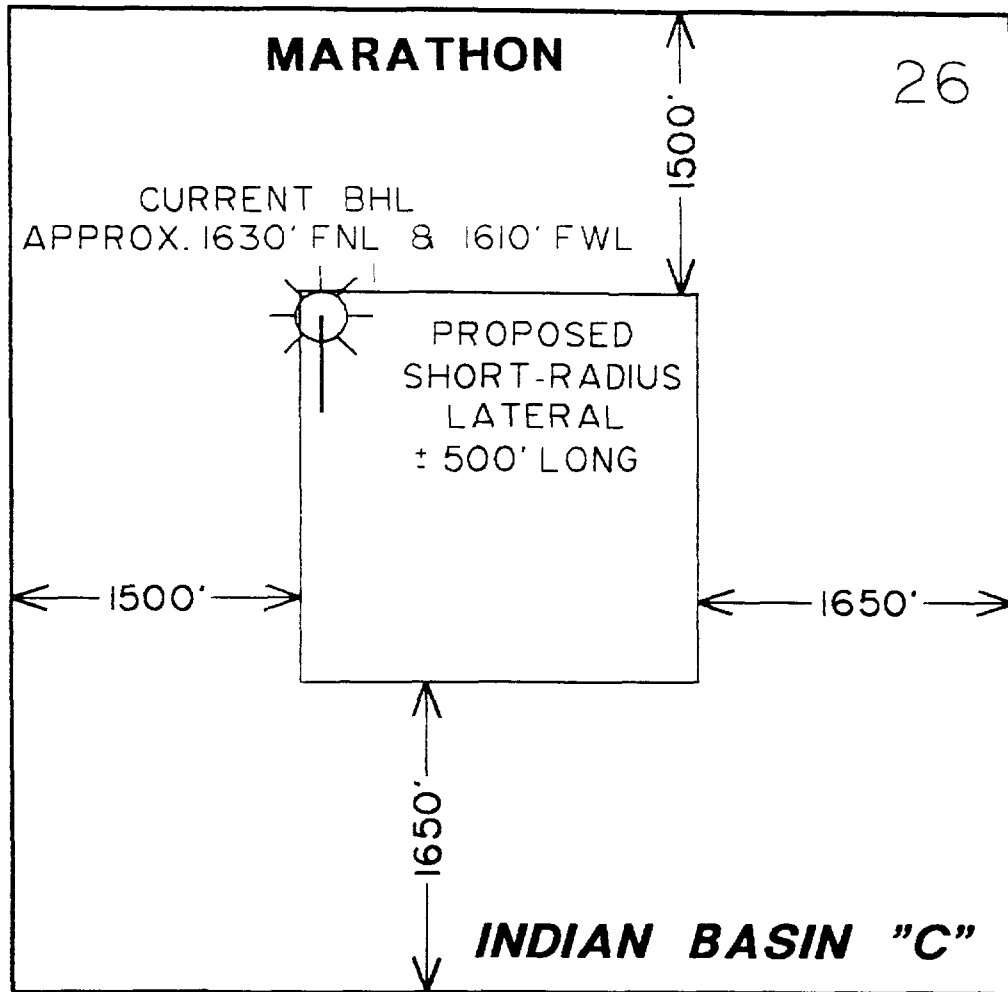
Exhibit No. 5

Submitted by Marathon Oil Company
March 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN "C" No. 1
Eddy County, New Mexico

DEVIATION SURVEY



**MARATHON OIL COMPANY
MID-CONTINENT REGION**

INDIAN BASIN "C" NO. 1
EDDY COUNTY, NEW MEXICO

**MAP VIEW OF
PROPOSED LATERAL**

BEFORE THE OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

CASE NO. 10923

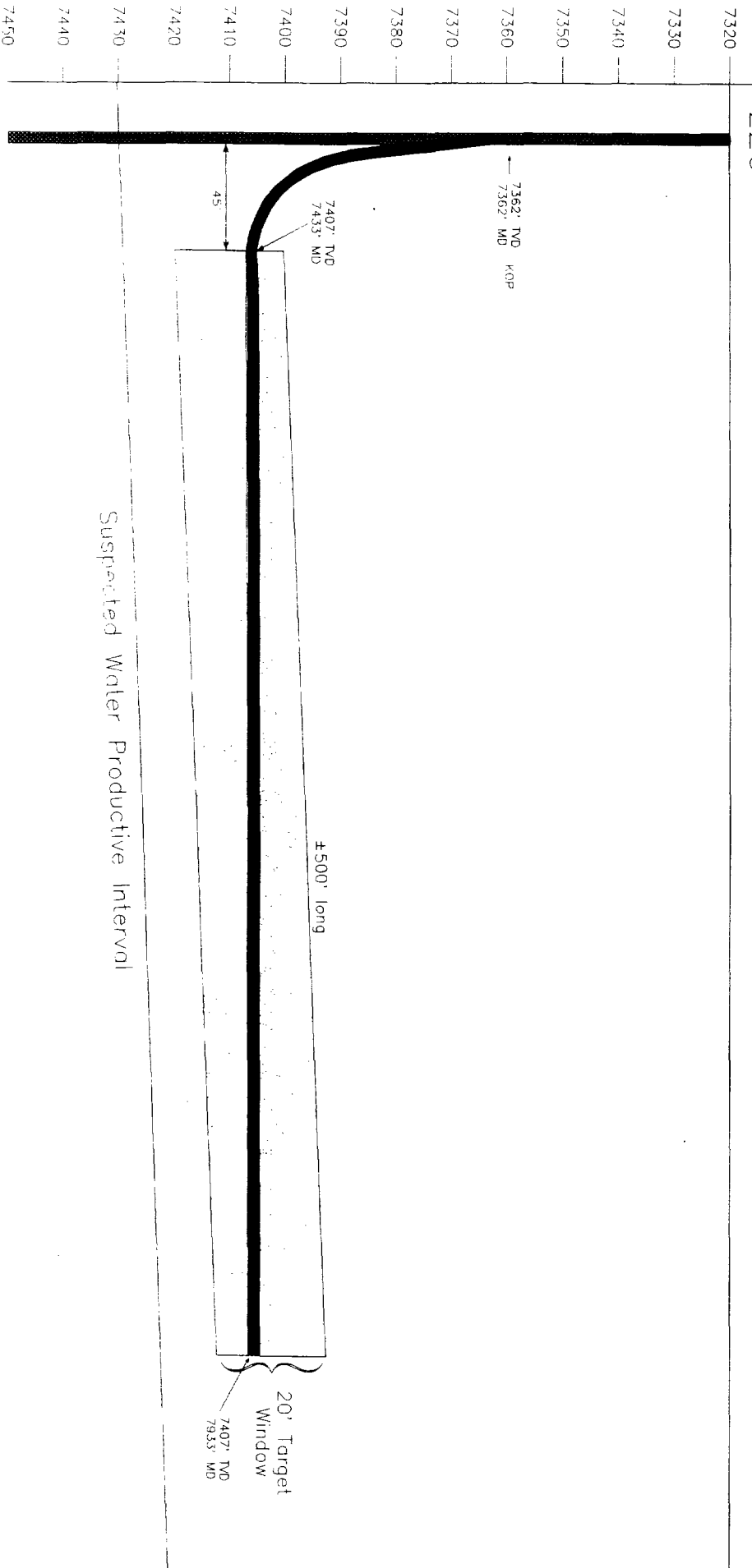
EXHIBIT NO. 6

SUBMITTED BY MARATHON OIL COMPANY
MARCH 3, 1994



2/94

R. STEWARD



VE-5
0 50 100
FEET

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. **10923**
Exhibit No. **7**

Submitted by Marathon Oil Company
March 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN "C" No. 1
Eddy County, New Mexico

SHORT RADIUS LATERAL PLAN

PROPOSED COMPLETION

INDIAN BASIN

INDIAN BASIN C NO. 1 (226)

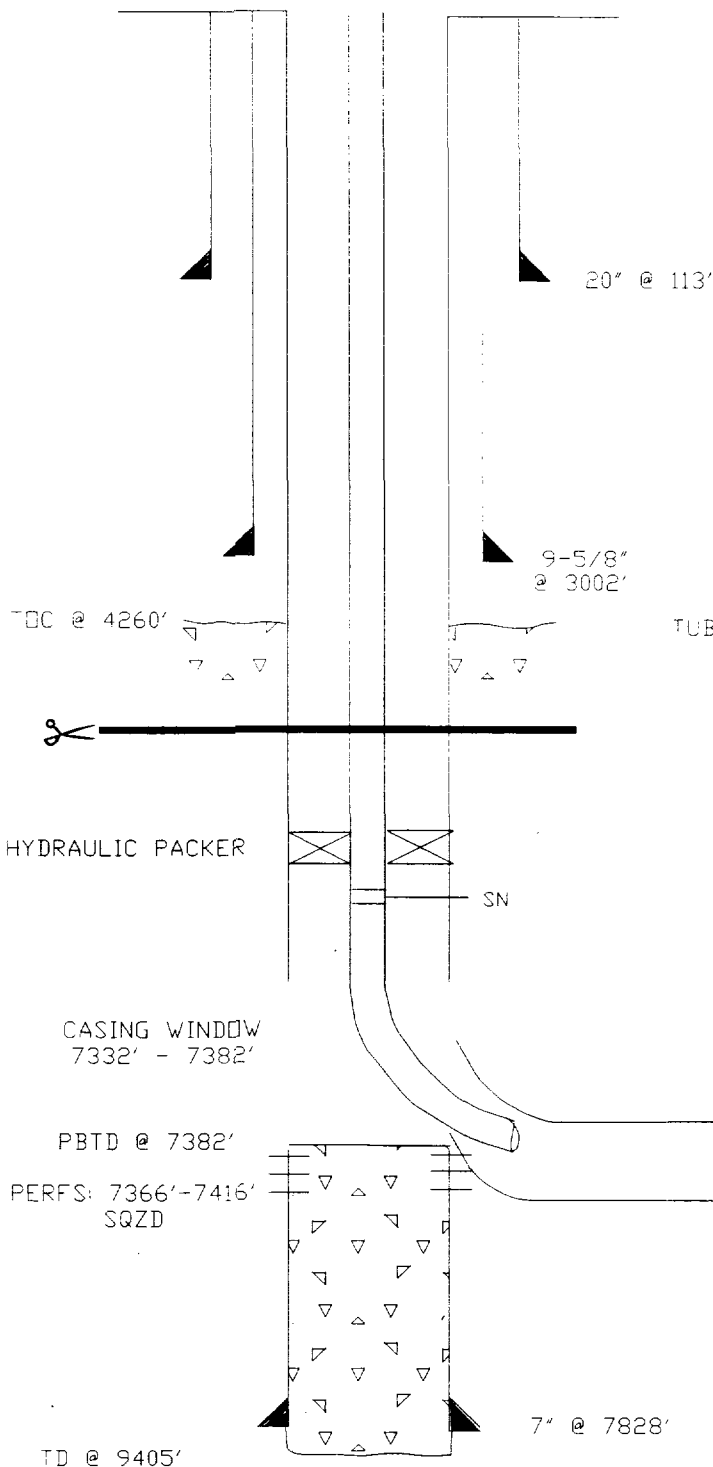
1650' FNL & 1650' FWL

SECTION 26, T-21S, R-23E

EDDY COUNTY, NEW MEXICO

TD: 9405' PBTD: 7730'

GL: 3861' KB: 3873'



TUBING: 236 JTS. 2-7/8" 6.5# 8rd J-55
7" X 2-7/8" X BAKER MODEL A-3 LOK-SET PKR.
1 JT 2-7/8"
F NIPPLE (2.25 ID)
7 Jts 2-7/8" PH6 TBG
2-7/8" RE-ENTRY GUIDE

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 10923

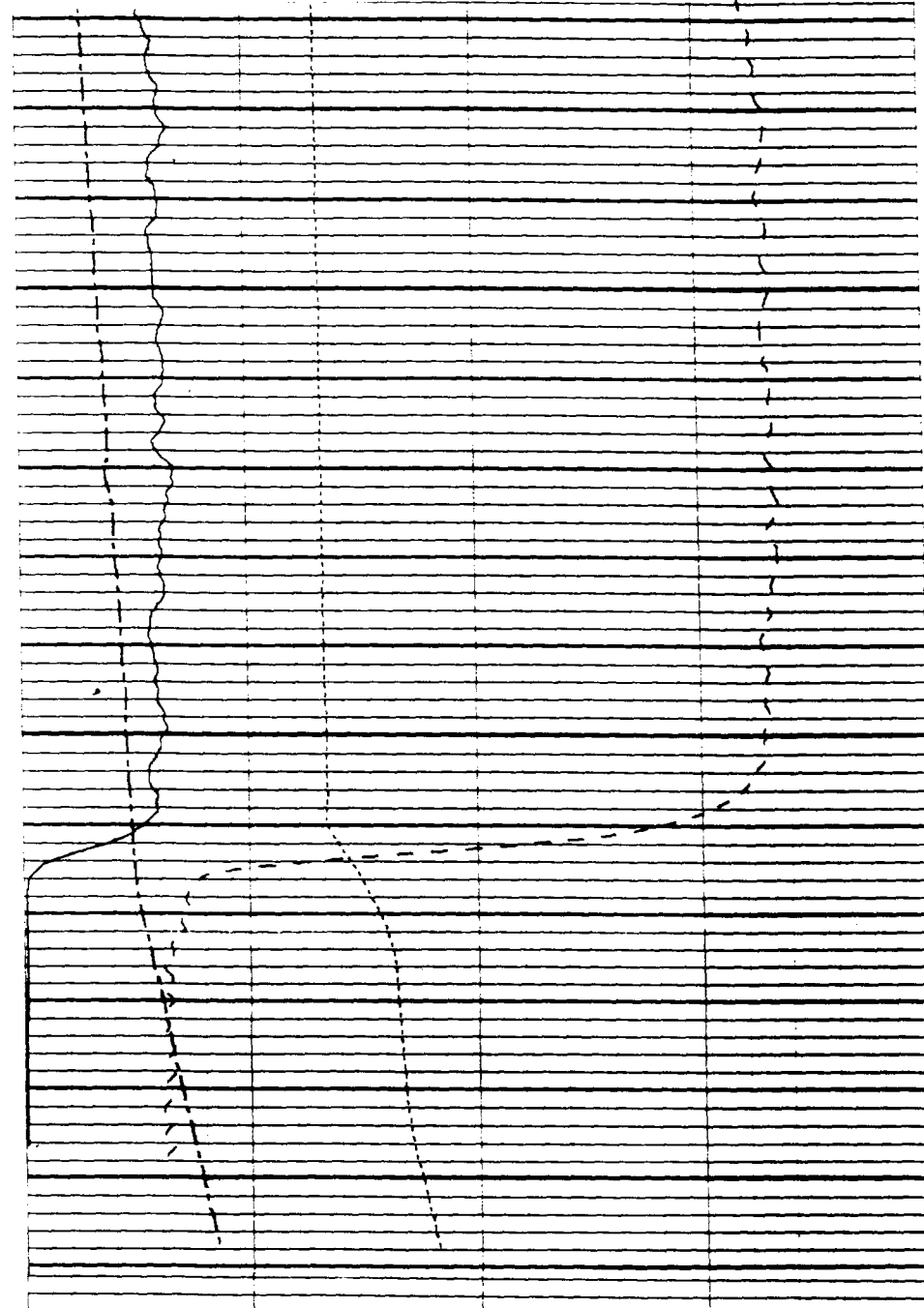
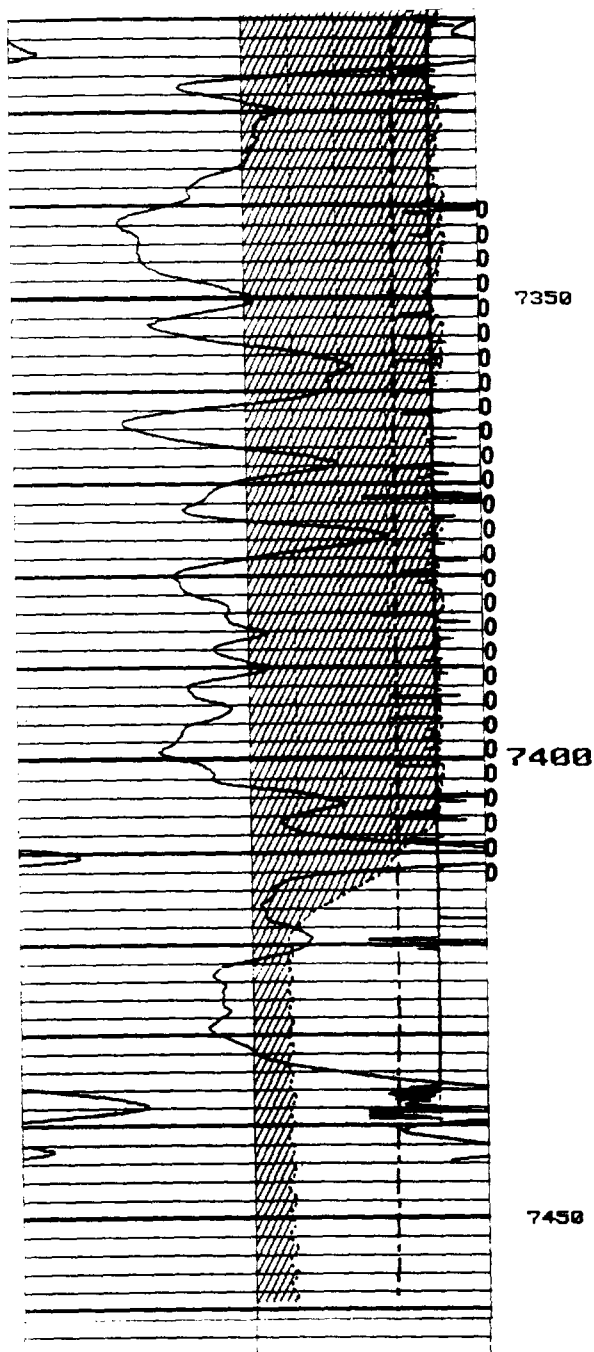
Exhibit No. 8

Submitted by Marathon Oil Company
March 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN "C" No. 1
Eddy County, New Mexico

WELLBORE SCHEMATIC
PRESENT COMPLETION



		CCL →	
-100	LINE SPEED	100	
	[ft/min]		
-10.0	FLOW-METER	10.0	
	[rps]		
0	GAMMA RAY	125	DEPTH
	[API]		

750	PRESSURE	950
	[PSIA]	
1.30	GRADIOMANOMETER	0.00
	[gm/cc]	
90	CAPACITANCE	1.0
	[DIELECTRIC UNITS]	
140	TEMPERATURE	160
	[deg F]	

PULSE RUN # 4
12/15/93
09:56:36

RUN #3 DOWN 60 FPM

DEPTH: 7272.70 TO 7476.80 (DOWN)
RES: 0.20 FOOT
SCALE: 5.0"/100FT

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 10923

Exhibit No. 9

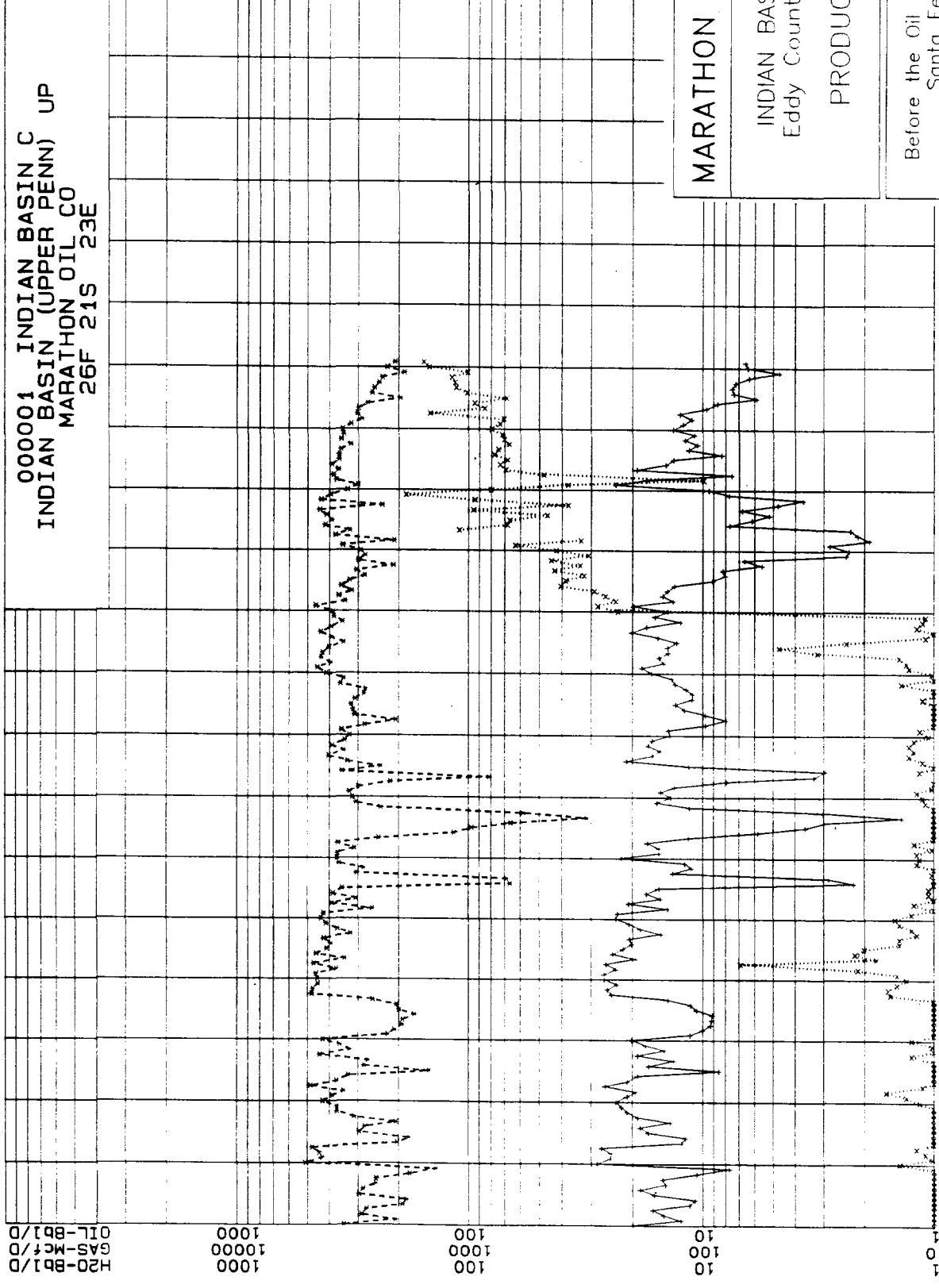
Submitted by Marathon Oil Company
March 3, 1994

MARATHON OIL COMPANY

INDIAN BASIN "C" No. 1
Eddy County, New Mexico

PRODUCTION LOG

OIL-Bbl/D ---
 Ref- 01/94
 Cum- 178.312
 GAS-Mcf/D ---
 Ref- 01/94
 Cum- 31791
 H2O-Bbl/D ---
 Ref- 01/94
 Cum- 110.909



000001 INDIAN BASIN C
 INDIAN BASIN (UPPER PENN) UP
 MARATHON OIL CO
 26F 21S 23E

MARATHON OIL COMPANY
 INDIAN BASIN "C" No. 1
 Eddy County, New Mexico
 PRODUCTION PLOT

Before the Oil Conservation Division
 Santa Fe, New Mexico
 Case No. 10923
 Exhibit No. 10
 Submitted by Marathon Oil Company
 March 3, 1994



Oryx Energy Company
13155 Noel Road
Dallas TX 75240-8087
PO Box 2880
Dallas TX 75221-2880
214 715 4000

February 28, 1994

Kellahin and Kellahin
Attorneys at Law
El Patio Building
117 North Guadalupe
Post Office Box 2265
Santa Fe, New Mexico 87504-2265

RE: Marathon Oil Company
Indian Basin "C" #1 - Proposed Horizontal Well
Eddy County, New Mexico

Dear Mr. Kellahin:

Oryx Energy Company confirms its receipt of Marathon Oil Company's application to drill a horizontal well in Section 26 - T21S - R23E of the Indian Basin Field of Eddy County, New Mexico.

As a diagonal offset operator, Oryx Energy Company supports Marathon Oil Company's effort to drill this "experimental" horizontal well.

However, Oryx requests copies of downhole directional surveys at the completion of the well. Also, Oryx requests notification of all future correspondence concerning the granted allowable for this unorthodox gas well.

Sincerely,

Rick W. Hall
Operations Engineer

RWH/srt

cc: Marathon Oil Company
P. O. Box 552
Midland, Texas 79702

Apache Corporation
2000 Post Oak Boulevard, Suite 100
Houston, Texas 77056-4400

Santa Fe Energy
550 West Texas, Suite 1330
Midland, Texas 79701

Before the Oil Conservation Division
Santa Fe, New Mexico

Case No. 10923

Exhibit No. 11

Submitted by Marathon Oil Company
March 3, 1994

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION DIVISION
FOR THE PURPOSE OF CONSIDERING:

CASE NO. 10923

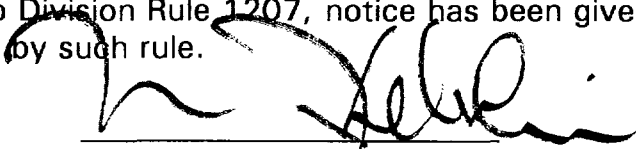
INDIAN BASIN "C" WELL NO. 1
APPLICATION OF MARATHON OIL COMPANY FOR A
HIGH ANGLE/HORIZONTAL DIRECTIONAL DRILLING
PILOT PROJECT, INCLUDING SPECIAL OPERATING
RULES, AND AN UNORTHODOX GAS WELL LOCATION,
INDIAN BASIN UPPER PENNSYLVANIAN GAS POOL,
EDDY COUNTY, NEW MEXICO.

CERTIFICATE OF MAILING

AND

COMPLIANCE WITH ORDER R-8054

W. THOMAS KELLAHIN, attorney in fact and authorized representative of Marathon Oil Company, states that the notice provisions of Division Rule 1207 (Order R-8054) have been complied with, that Applicant has caused to be conducted a good faith diligent effort to find the correct addresses of all interested parties entitled to receive notice, that on the 8th day of February 1994, I caused to be mailed by certified mail return-receipt requested notice of this hearing and a copy of the application for the above referenced case along with the cover letter, at least twenty days prior to the hearing set for March 3, 1994, to the parties shown in the application as evidenced by the attached copies of return receipt cards, and that pursuant to Division Rule 1207, notice has been given at the correct addresses provided by such rule.


W. Thomas Kellahin

SUBSCRIBED AND SWORN to before me this 1st day of MARCH, 1994.


Notary Public

My Commission Expires:

June 9, 1997

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

02/08/94

Marathon Indian Basin "C"

so that we can
back if space

I also wish to receive the
following services (for an extra
fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Santa Fe Energy
550 West Texas, Suite 1330
Midland, Texas 79701

4a. Article Number

676 666 292

4b. Service Type

- ☒ Registered ☐ Insured
☐ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

2-10-94

5. Signature (Addressee)

Marla Anderson

6. Signature (Agent)

**8. Addressee's Address (Only if requested
and fee is paid)**

PS Form 3811, December 1991 *U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

P 676 666 292



Certified Mail Receipt

No Insurance - Insured as Provided
Do not use for international mail
See Reverse

Santa Fe Energy
550 West Texas, Suite 1330
Midland, Texas 79701

S	
Date of Delivery	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom Date & Address of Delivery	
TOTAL Postage & Fees	S

02/08/94
Marathon Indian Basin "C"

June 1990
PS F

P 676 666 291



Certified Mail Receipt
No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Oryx Energy Company
P.O. Box 2880
Dallas, Texas 75221-2880

	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Address of Delivery	
TOTAL Postage & Fees	\$2.52

00, June 1990

02/08/94
Marathon Indian Basin "C"

PS

Is your RETURN ADDRESS completed on the reverse side?

SENDER: 02/08/94 Marathon Indian Basin "C" so that we can does not permit. • Write "Return Receipt Requested" on the mailpiece below the article number. • The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: Oryx Energy Company P.O. Box 2880 Dallas, Texas 75221-2880		4a. Article Number 676 666 291	
		4b. Service Type <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input checked="" type="checkbox"/> Return Receipt for Merchandise	
5. Signature (Addressee)		7. Date of Delivery FEB 14 1994	
6. Signature (Agent) <i>Nayer</i>		8. Addressee's Address (Only if requested and fee is paid)	

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

02/08/94

Marathon Indian Basin "C"

so that we can
back if space

I also wish to receive the
following services (for an extra
fee):

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

does not permit:

- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

Apache Corporation
2000 Post Oak Boulevard
Suite 100
Houston, Texas 77056-4400

4a. Article Number

676 666 290

4b. Service Type

- ☒ Registered ☐ Insured
- ☐ Certified ☒ COD
- ☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery

2-16-94

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

S. G. Jackson

PS Form 3811, December 1991

★U.S. GPO: 1993-352-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

P 676 666 290



Certified Mail Receipt

No Insurance Coverage Provided

Do not use for International Mail

See Reverse

Apache Corporation
2000 Post Oak Boulevard
Suite 100
Houston, Texas 77056-4400

Return Receipt to Whom	
a. Whom's Date Delivered	
Return Receipt to Whom	
b. Date & Address at Delivery	
TOTAL Postage & Fees	\$
Postmark or Date	

02/08/94

Marathon Indian Basin "C"

3800 June 1990