



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

COMMINGLING ORDER CTB-499

Hallwood Petroleum, Inc.

P.O. Box 378111

Denver, Colorado 80237

Attention: Mr. Kevin E. O'Connell

The above named company is hereby authorized to commingle Catchlaw Draw-Morrow (Prorated Gas – 74320) Pool production from the following leases:

Lease: Catchlaw Draw Unit Well No. 1Y
Description: SE/4 NW/4 of Section 26, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 4
Description: SW/4 NE/4 of Section 24, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 6
Description: NW/4 SE/4 of Section 13, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 7
Description: NW/4 SE/4 of Section 14, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 13
Description: SW/4 SE/4 of Section 26, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 14
Description: SW/4 SE/4 of Section 23, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 15
Description: NW/4 SW/4 of Section 25, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Well No. 16
Description: SW/4 NW/4 of Section 13, Township 21 South, Range 25 East, NMPM;

Lease: Catchlaw Draw Unit Well No. 17
Description: NW/4 NE/4 of Section 14, Township 21 South, Range 25 East,
NMPM; and

Lease: Nan Bet Com Well No. 1
Description: SW/4 NW/4 of Section 19, Township 21 South, Range 26 East,
NMPM;

all located in Eddy County, New Mexico.

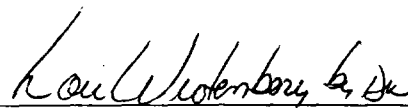
Production shall be allocated to each lease by separately metering the production from each lease prior to commingling.

NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 309-B of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

REMARKS: The production shall be measured and commingled off lease at the compressor station located in the NW/4 SE/4 of Section 14, Township 21 South, Range 25 East, NMPM, Eddy County, New Mexico.

FURTHER: The operator shall notify the Artesia district office of the Division prior to implementation of the commingling process.

DONE at Santa Fe, New Mexico, on this 7th day of June, 2000.



LORI WROTENBERY,
Division Director

LW/MWA/kv

cc: Oil Conservation Division - Artesia
State Land Office - Oil & Gas Division
U.S. Bureau of Land Management - Carlsbad

Hallwood Petroleum, Inc.

4610 S. Ulster Street • Suite 200 • P.O. Box 378111

Denver, Colorado 80237 • (303) 850-7373

VIA CERTIFIED MAIL

February 9, 2000

Bureau of Land Management
Roswell District Office
P.O. Box 1397
Roswell, NM 88202-1397

State of New Mexico
Commission of Public Lands
310 Old Santa Fe Trail
P.O. Box 1148
Santa Fe, NM 87504-1148

Re: 2000 Plan of Development/Operations
Catclaw Draw Unit
Eddy County, New Mexico

Gentlemen:

During the 1999 year, no development wells were drilled in the above referenced unit. Hallwood Petroleum, Inc. re-completed one (1) well during 1999 – the Catclaw Draw Unit (CCDU) #13. The Catclaw Draw Unit #9 well was plugged and abandoned on 06/11/99 and the Catclaw Draw Unit #2 well was plugged and abandoned on 12/2/99.

Please find enclosed the following items:

Attachment #1	Well Status List
Attachment #2	2000 Plan of Development/Operations
Attachment #3	Production Curves for the Individual Wells
Attachment #4	A Field Map Indicating Well Locations
Attachment #5	Current Copies of Exhibits A & B to the Unit Agreement and a Current Map of Existing Participating Areas
Attachment #6	A Copy of the December 1999 MMS Production Reporting Indicating the Wells' Status at that time

If there are any changes to our plan of development, a supplemental plan will be submitted for your approval. Should you require further information in this regard, please contact me at (303) 850-6257.

Sincerely,



Nonya K. Durham
Production Reporting Supervisor

Enclosures

CC: Kevin O'Connell
Sonia Prien
Lois Hall
Unit File

ATTACHMENT #1

Well Status List

<u>Well</u>	<u>Status</u>	<u>Unit Well</u>	<u>Pool</u>
Catclaw Draw Unit # 1Y	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 2	P&A (12/2/99)	Yes	(Undesignated Strawn)
Catclaw Draw Unit # 4	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 5	P&A	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 6	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 7	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 9	P&A (6/11/99)	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 11	P&A	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 12	Prod.	Yes	SE, Indian Basin (Strawn)
Catclaw Draw Unit # 13	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 14	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw Unit # 15	Prod.	Yes	Catclaw Draw (Morrow)
Catclaw Draw # 16	Prod.	No	Catclaw Draw (Morrow)
Catclaw Draw # 17	Prod.	No	Catclaw Draw (Morrow)
Catclaw Draw Unit # 23-3	P&A	Yes	Catclaw Draw (Delaware)
Catclaw Draw Unit # 35	P&A	Yes	Catclaw Draw (Delaware)

LEGEND:
 Prod.= Producing Well
 T&A= Temporarily Abandoned
 P&A= Permanently Plugged and Abandoned
 Shut-in= Gas Well Shut-in

ATTACHMENT #2

2000 Plan of Development/Operations

Hallwood Petroleum, Inc.
Catclaw Draw Unit
Eddy County, New Mexico

I. Development Drilling

- A. No development drilling took place during 1999.
- B. No development drilling is planned for 2000.

II. Workovers/Recompletions (Summary 1999)

- A. Catclaw Draw Unit #13 – Additional Morrow “A” & “B” zones (10,384’ - 10578’ gross interval) were perforated and put into production. The Morrow “C” zones below 10,660’ was temporarily abandoned with a composite bridge plug.

III. Workovers/Recompletions (Proposed 2000)

- A. Catclaw Draw Unit #13 – A workover may be conducted in mid 2000 to commingle the Morrow “A” & “B” zones with the temporarily abandoned Morrow “C” zone.

IV. Temporarily Abandon Wells

- A. There are no temporarily abandoned wells presently in the Catclaw Draw Unit. However, Hallwood plans to plug and abandon the Catclaw Draw Unit #12 well during the first quarter of 2000.

V. Conversions

- A. No wells were converted to injection status in 1999 nor are any planned for 2000.

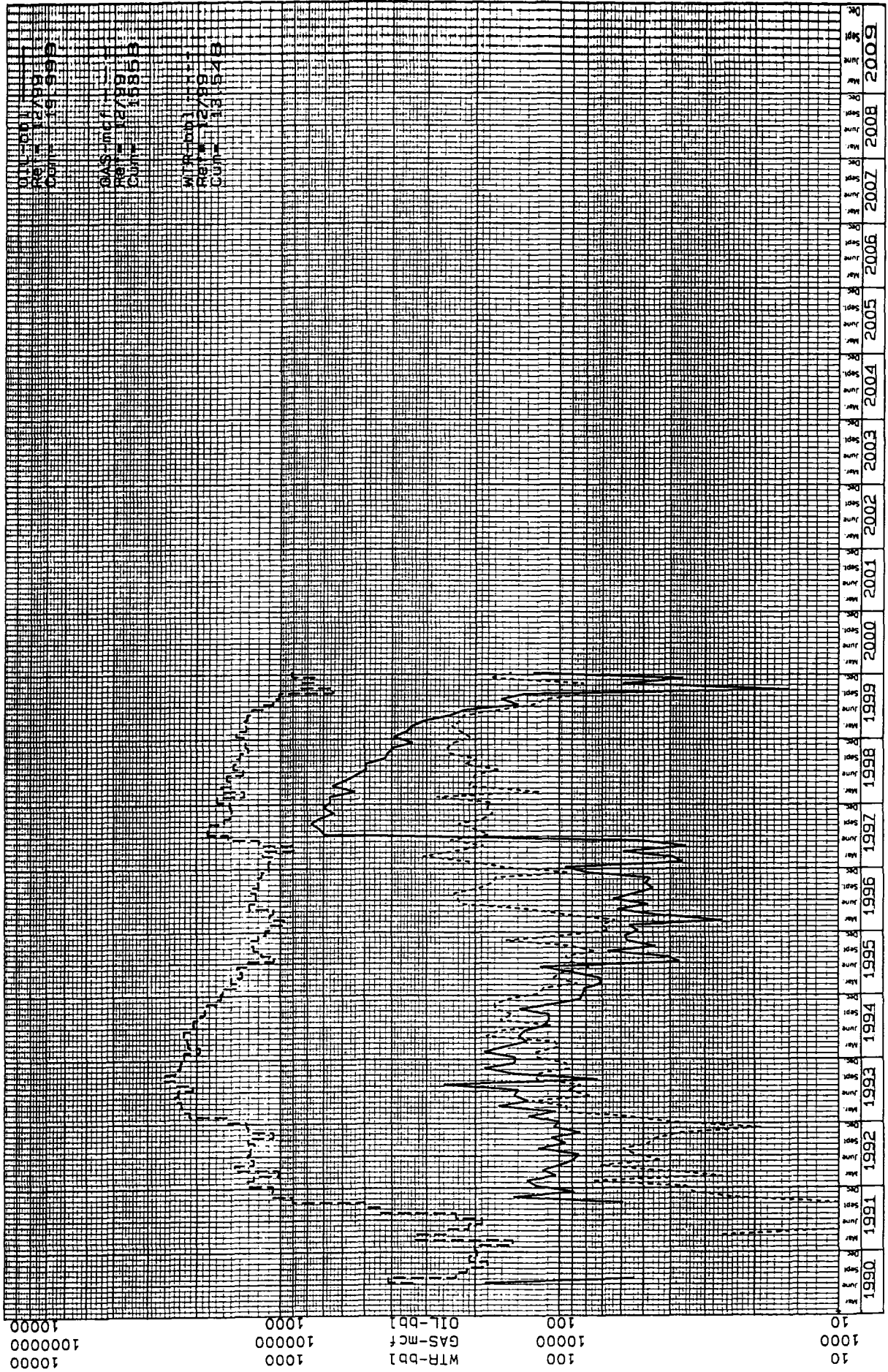
VI. Facility Work

- A. In December, 1999 Hallwood expanded our surface gas gathering system to include the Nan Bet Com #1 well, a non-unit well located adjacent to the Catclaw Draw Unit in Unit E, Section 19-T21S-R26E, Eddy County, New Mexico. The Catclaw Draw Gas Gathering System was also re-configured to eliminate three (3) individual compressors and meters, replacing them with one (1) large compressor and a common sales meter/delivery point for the gas.

DATE: 02/09/00
TIME: 08:19:28

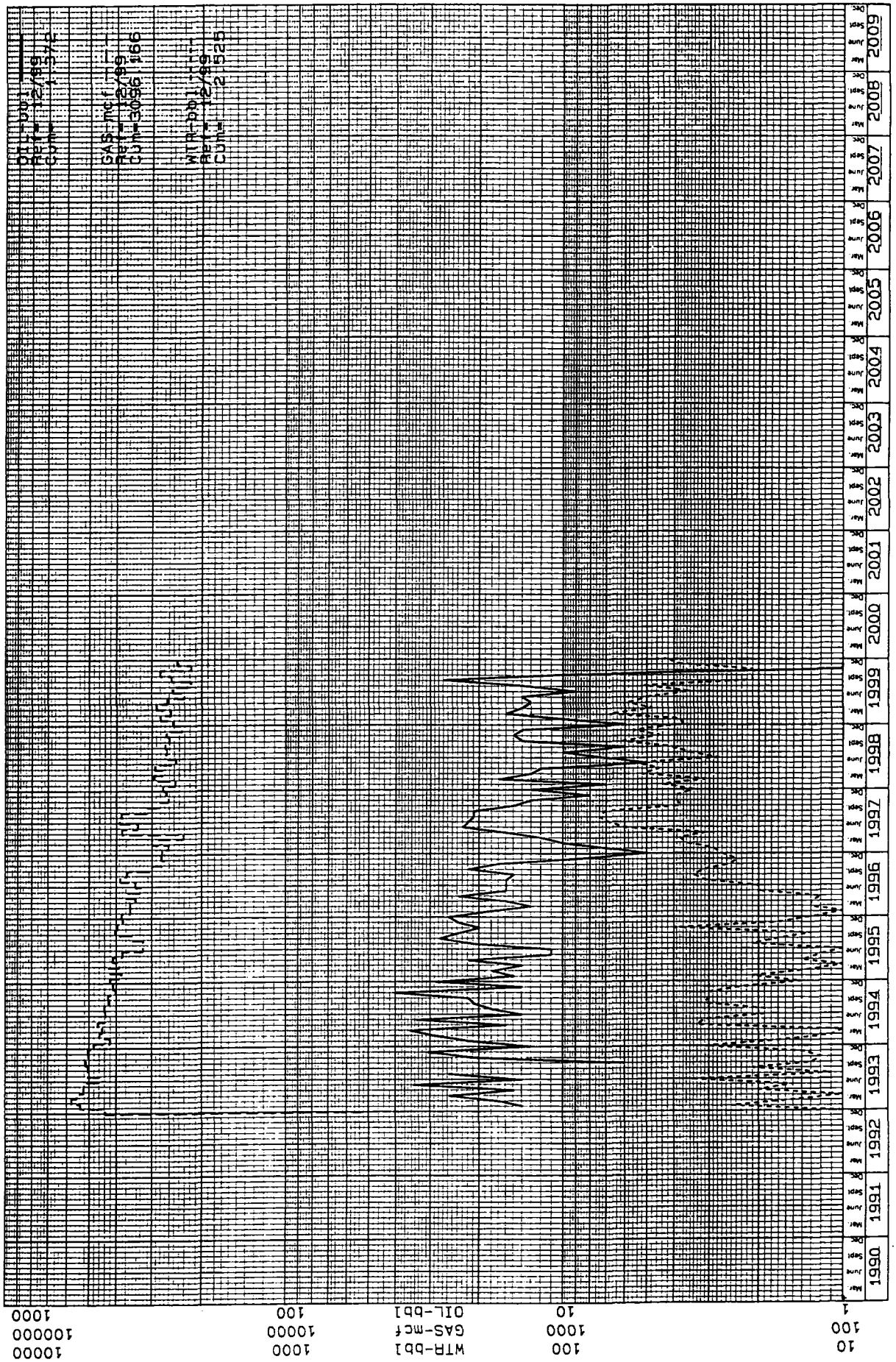
HALLWOOD PETROLEUM
CATCLAW DRAW
TOTAL PDP

Hollywood



01228 010400

DATE: 02/08/00
TIME: 15: 26: 49

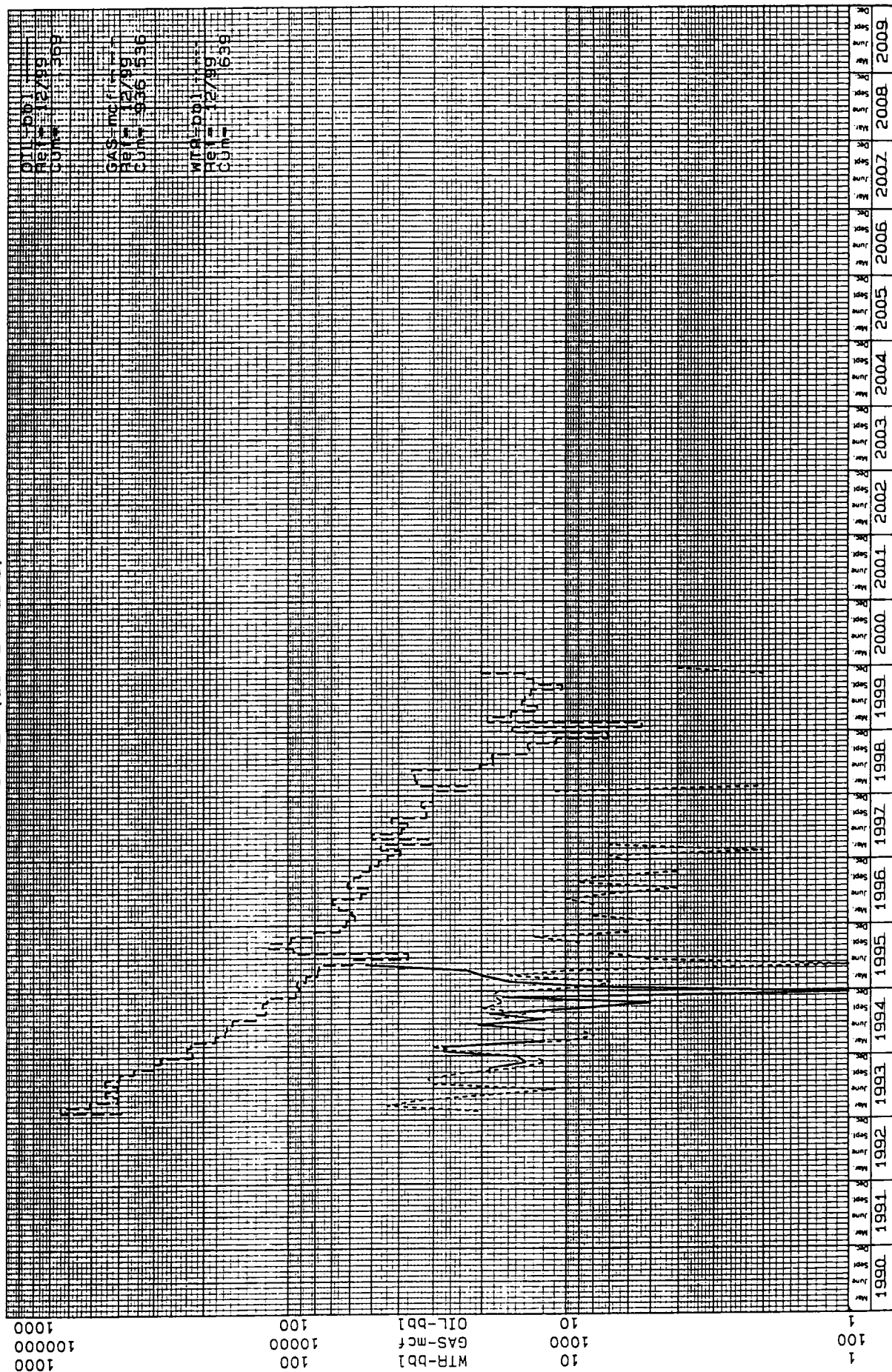


01228	010389	PDP	MAJOR:	GAS	26	21S	25E	SENW
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Hallwood

CATCLAW DRAW 4 (MOR B)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC.
 MORROW B (10454-508)

DATE: 02/08/00
 TIME: 15:27:38



01228 010388

PDP

MAJOR:

GAS

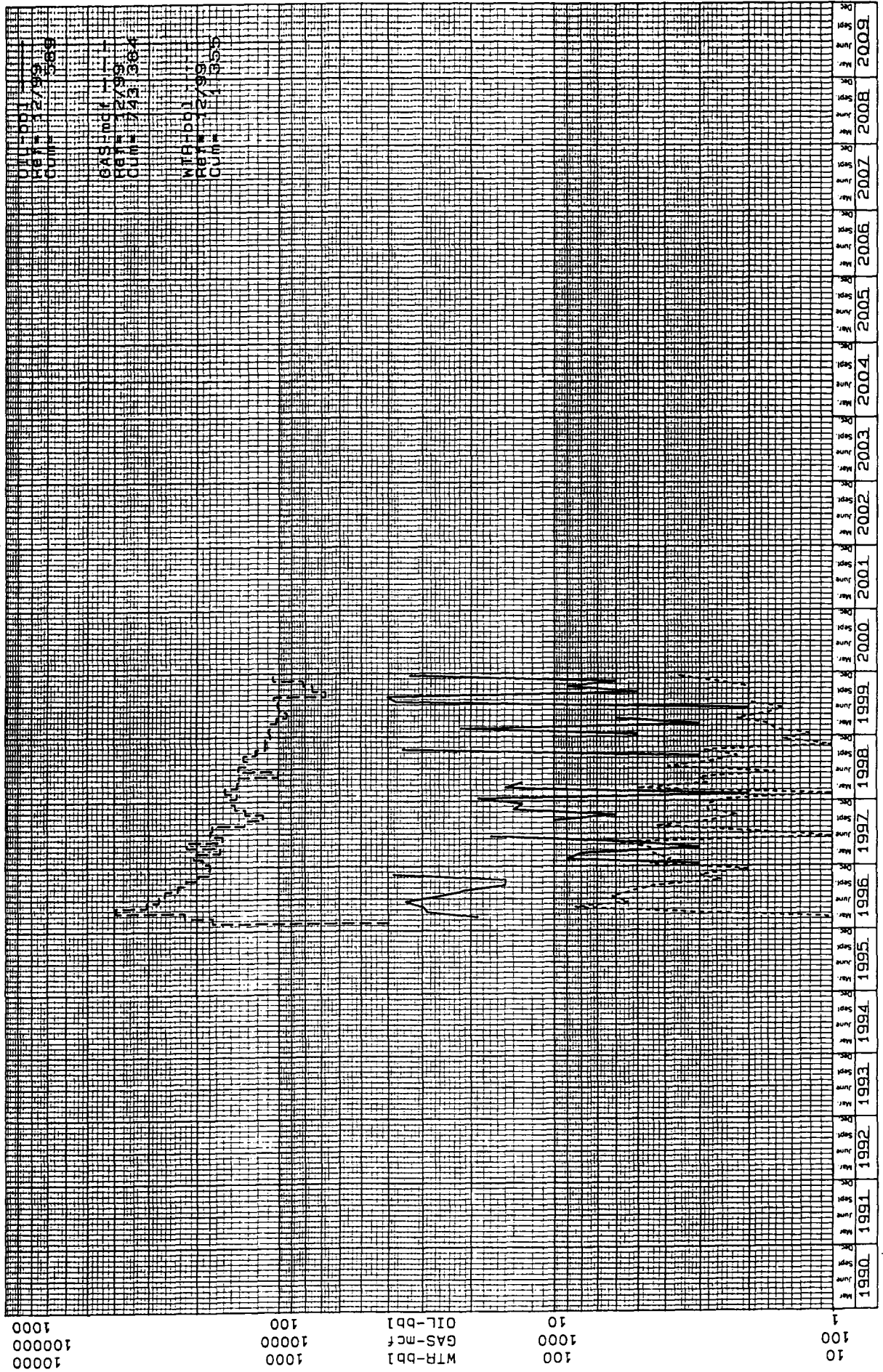
24 21S 25E

SWNE

Hallwood

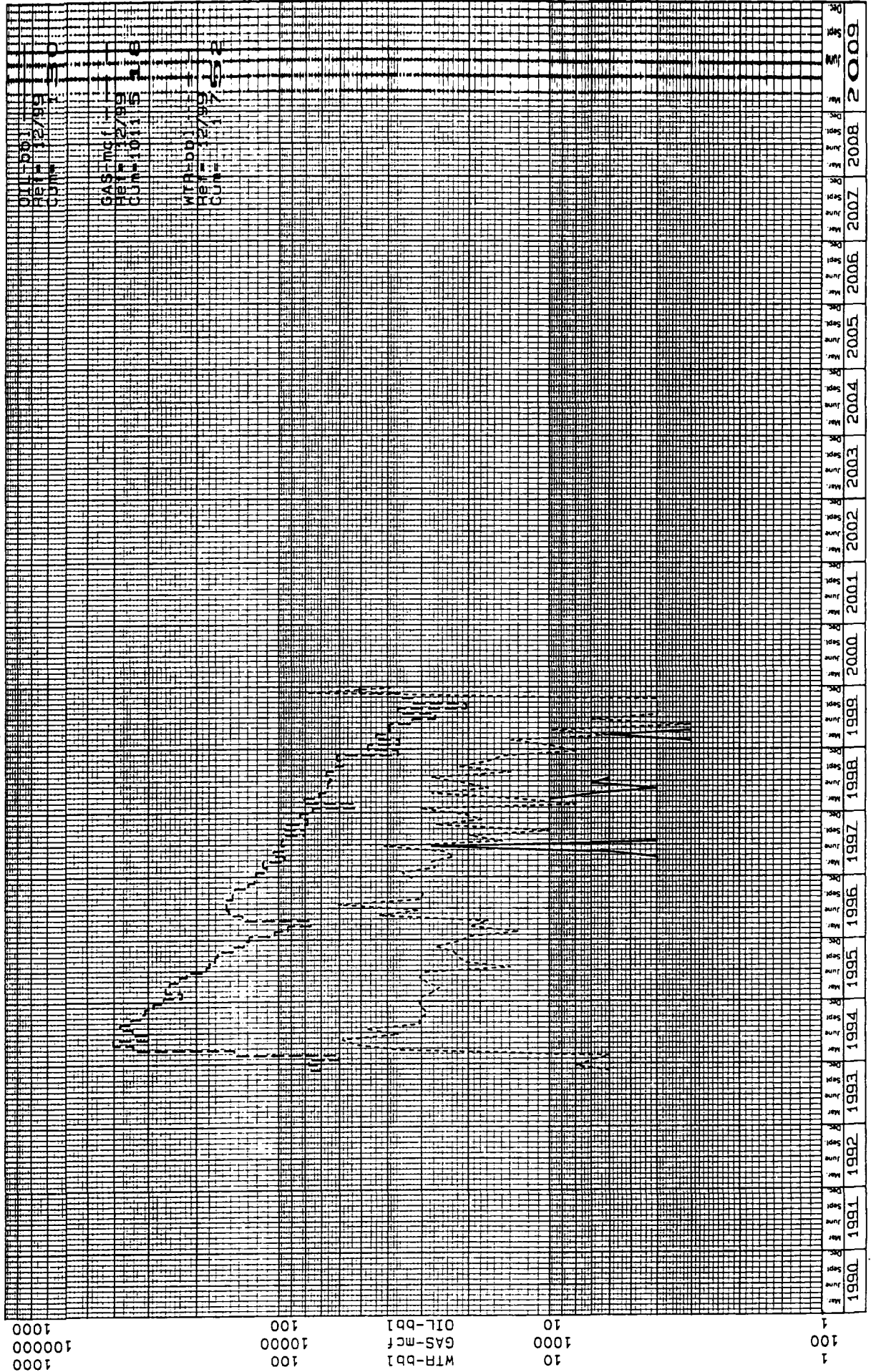
CATCLAW DRAW 6 (MOR B)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC
 M B 10376-86, 10388-96, 10412-22

DATE: 02/08/00
 TIME: 15:28:00



CATCLAW DRAW 7 (MOR A)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM, INC.
 MORROW A (10094-110)

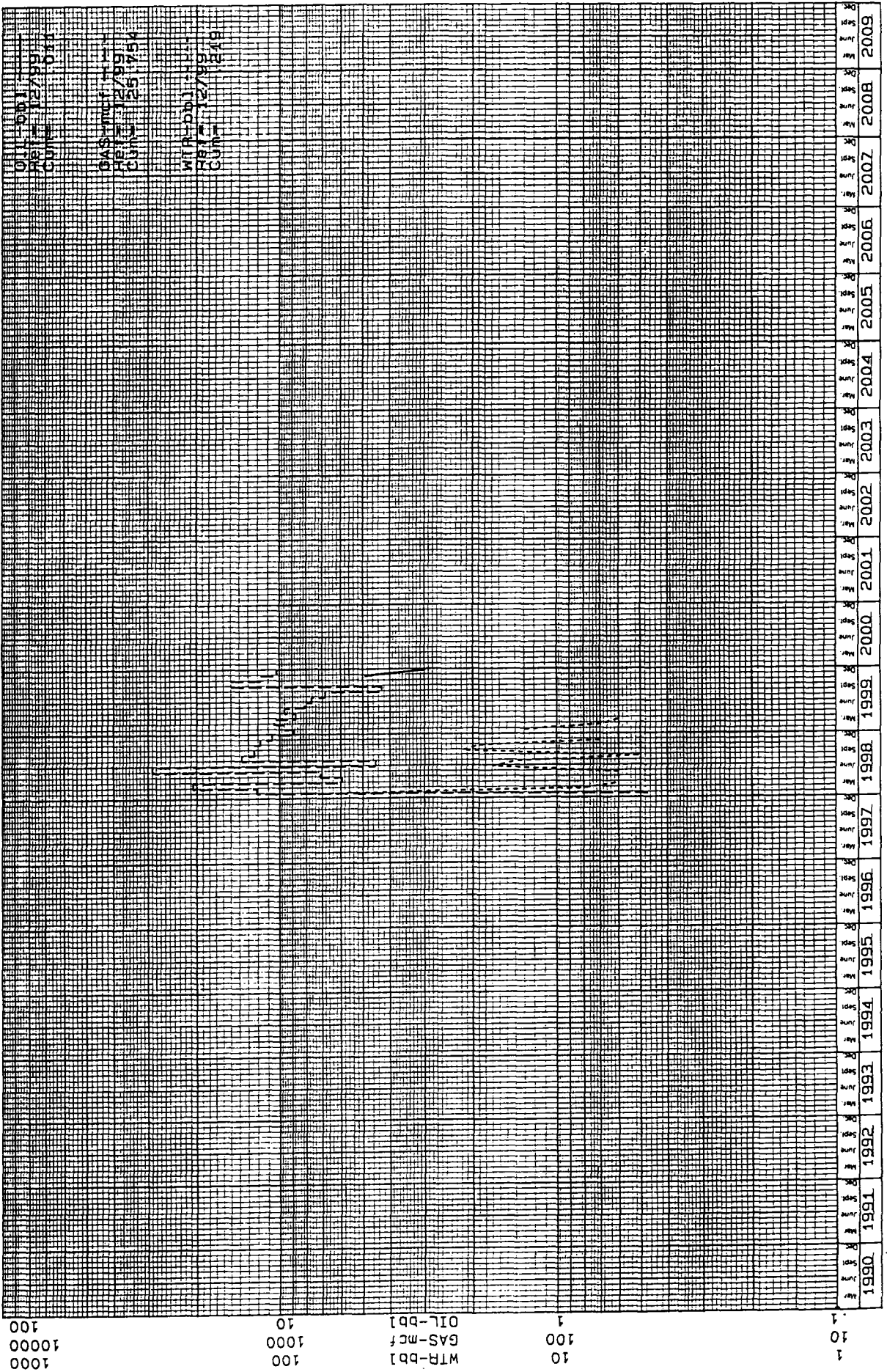
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 TIME: 15:31:03



Hallwood

CATCLAW DRAW 12 (STRAWN)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC.
 STRAWN 9690-9700

DATE: 02/08/00
 TIME: 15:31:11



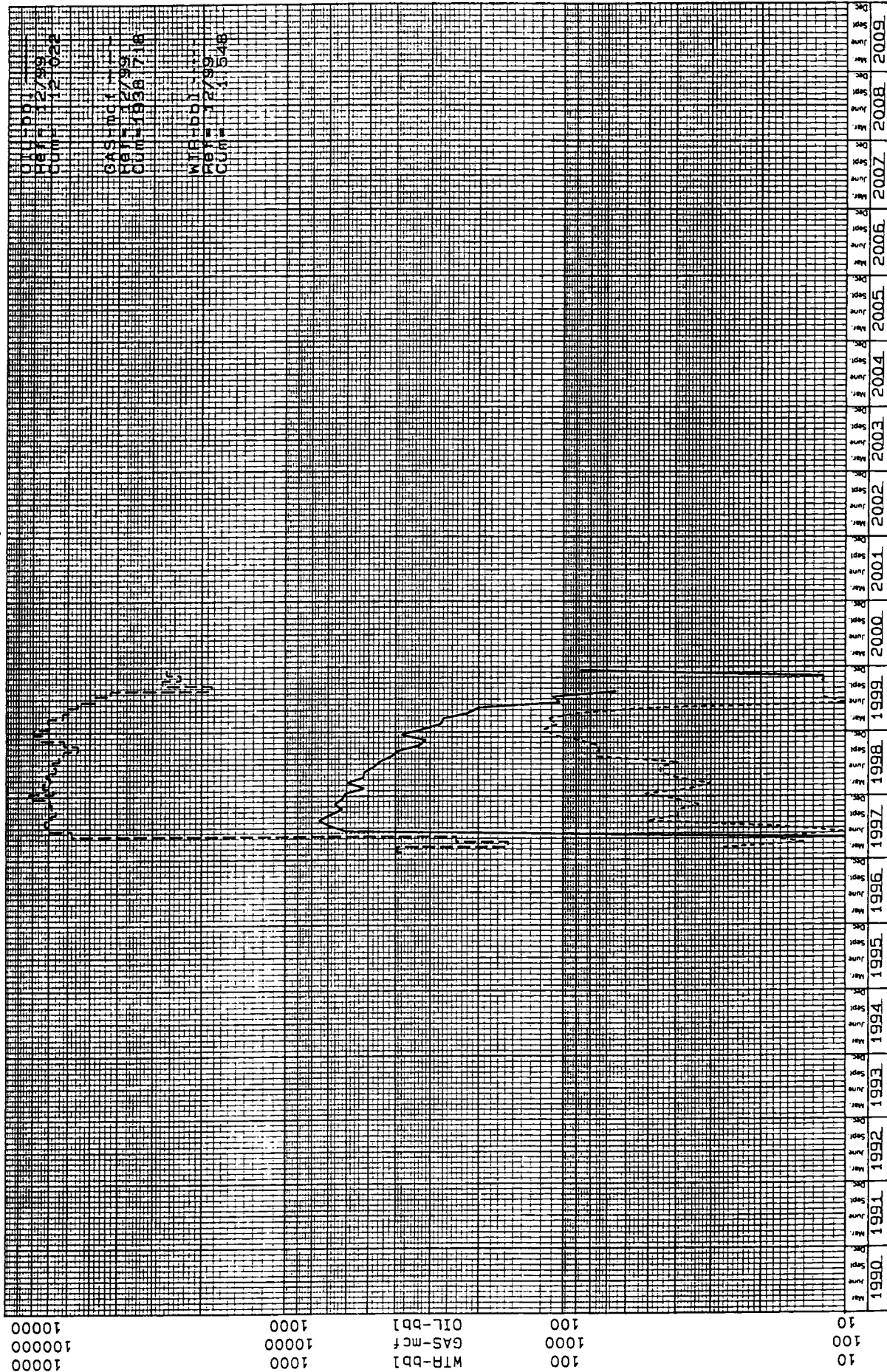
01228 010395 PDP MAJOR: GAS 26 21S 25E SWSE

Hallwood

Hallwood

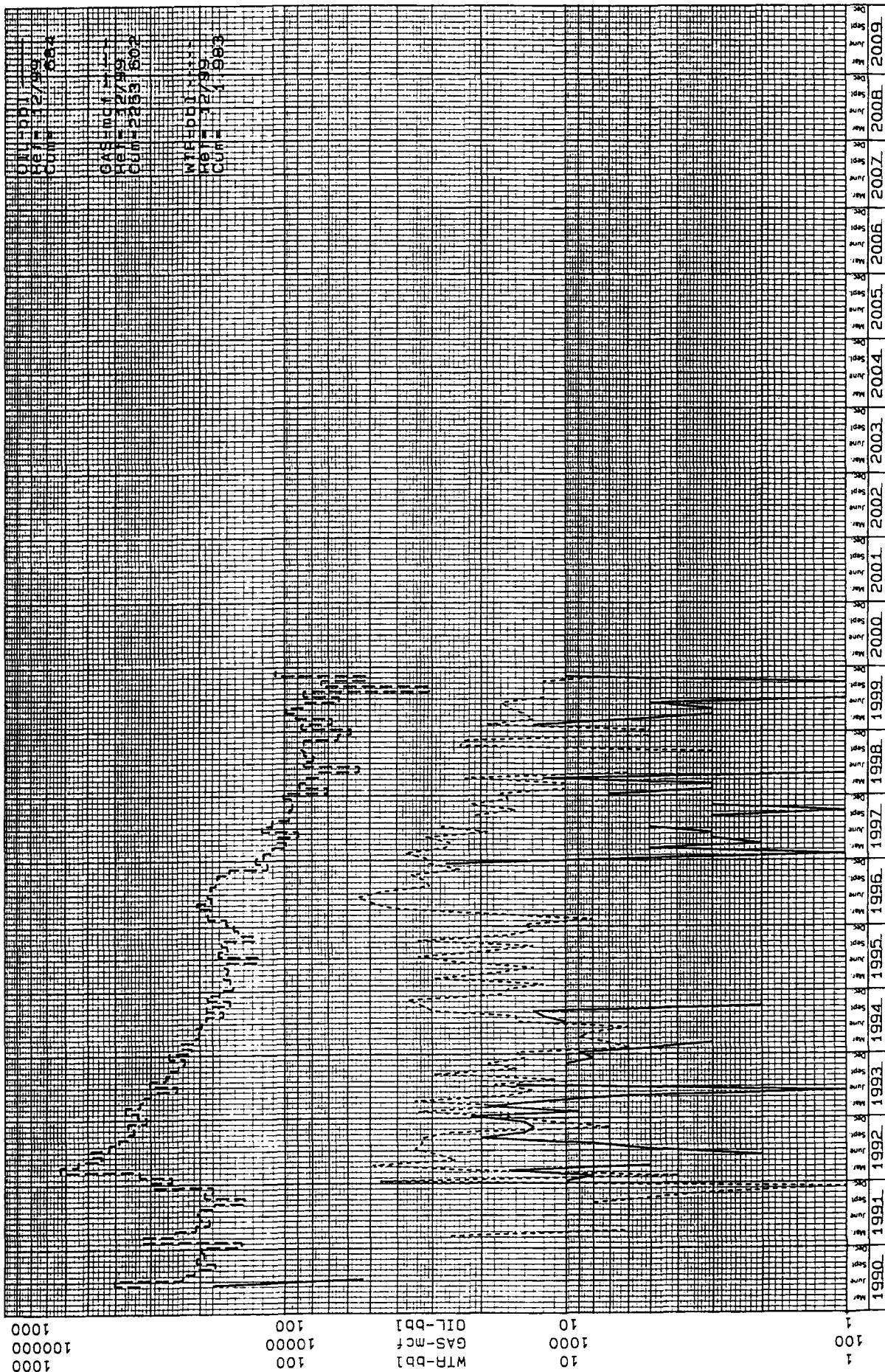
CATCLAW DRAW 14 (MOR A, B, NBS)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC.
 MORROW NBS (10129-340)

DATE: 02/08/00
 TIME: 15:31:37



CATCLAW DRAW 15 (MOR B/NBS)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC.
 MORROW B/NBS (10506-614)

DATE: 02/08/00
 TIME: 15:31:54



DATE: 02/08/00
TIME: 15:32:18

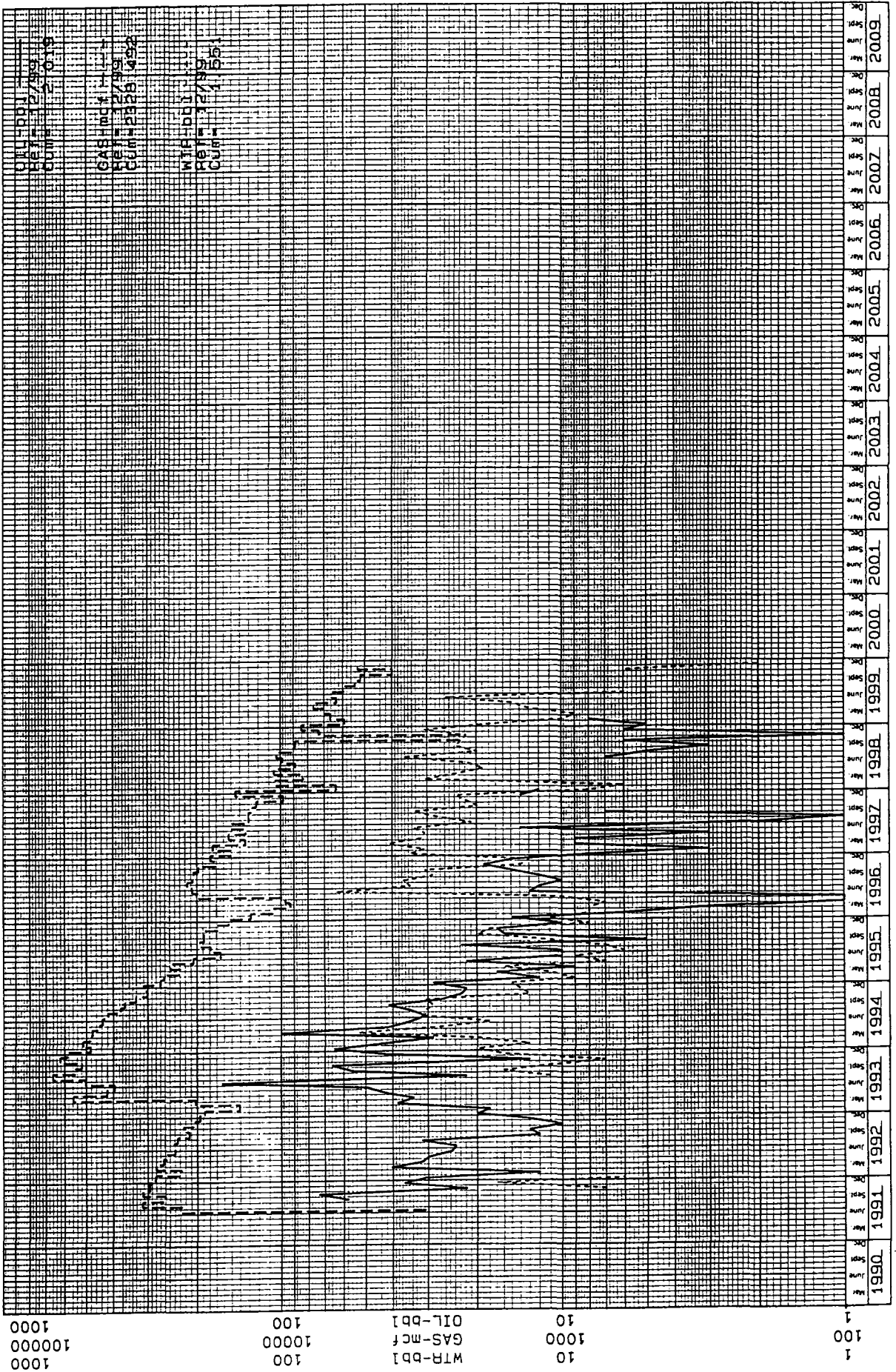


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01228 010399

CATCLAW DRAW 17 (MOR A)
 CATCLAW DRAW (MORROW)
 NM EDDY
 HALLWOOD PETROLEUM INC.
 MORROW A (10102-12)

DATE: 02/08/00
 TIME: 15:32:37



14 21S 25E NWNE

MAJOR: GAS

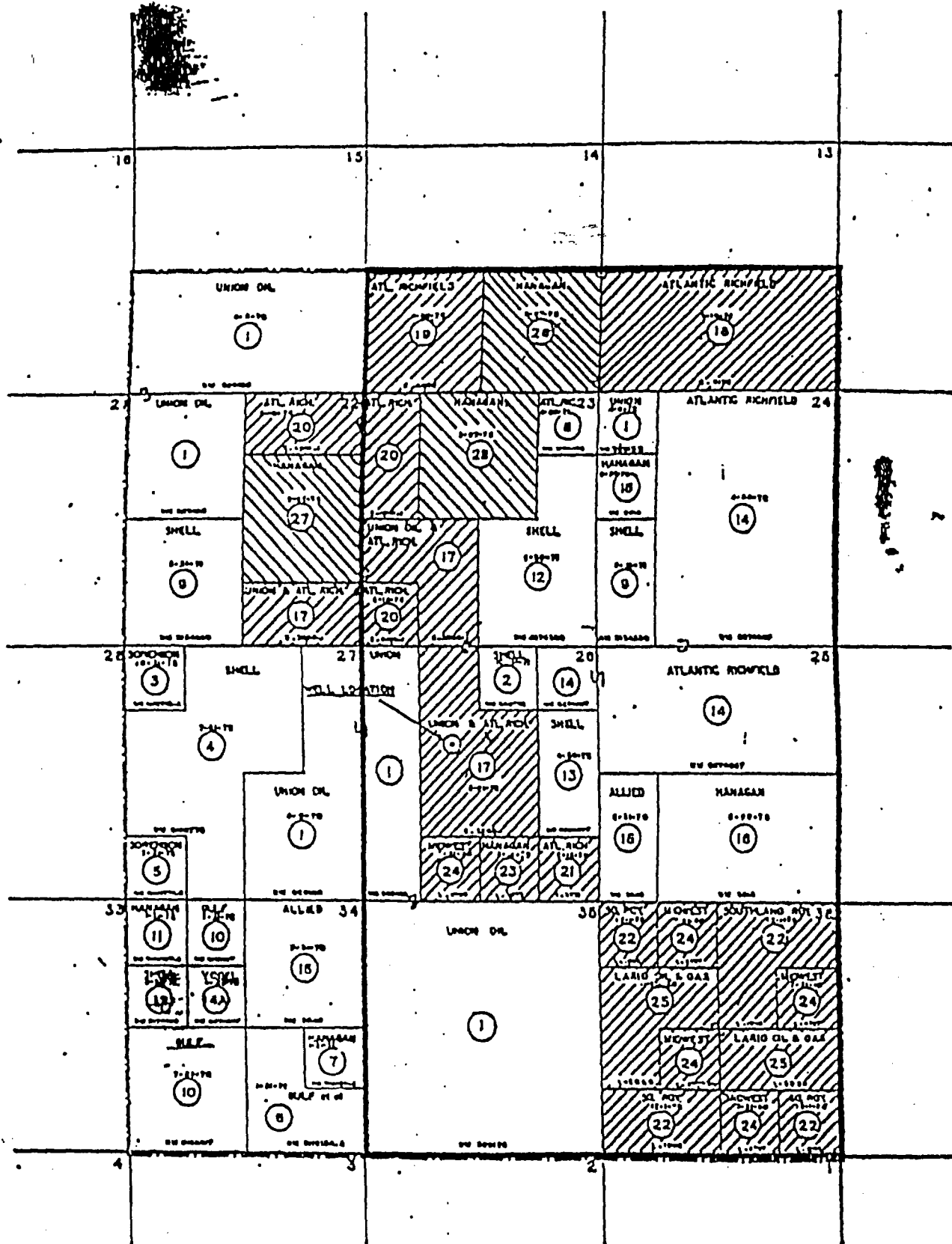
PDP

0122B 010400

Hallwood

R-25-E

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	-FEDERAL-	4400.00 Acres	63.4762 %
	-STATE -	1840.00 Acres	27.3810 %
	FEE -	480.00 Acres	7.1428 %
TOTAL -		6720.00 Acres	100.000 %

CATCLAW DRAW UNIT
EDDY COUNTY, NEW MEXICO
UNIT OPERATOR: HANAGAN PET. COR.

UNIT OUTLINE

Acreage Automatically Eliminated from the Unit Area
Pursuant to Section 2(e) of the Unit Agreement
4,480.00 Acres remaining in Unit, 2,240.00 acres eliminated

10911

EXHIBIT "A"
AFTER AUTOMATIC
ELIMINATION

As Amended effective May 11, 1976, by Automatic Elimination Provision
Section 2(e) of the Unit Agreement: **

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
1	21S-25E Sec. 15: NW 1/4 Sec. 22: NW 1/4 Sec. 24: NW 1/4 NW 1/4 Sec. 26: NW 1/4 NW 1/4 Sec. 27: NW 1/4 NW 1/4 Sec. 35: All	1560.00 840.00	NM-029128 4/6/72*	USA - 12.5%.	Union Oil Co. of Calif.	L.C. Harris, Blanco Company - 1/2 each of \$500.00 per acre out of 3% George S. Turner - 1/4 of 1% Total 3 1/2%	Union Oil Co. of Calif. - 100% (belonging to Devonian formation) Surface to be owned by Union Oil Co. of Calif. - 50% Hanagan & Hanagan 50%
2	21S-25E Sec. 26: NW 1/4 NW 1/4	40.00	NM-059755 10/31/71 (3)	USA - 12.5%	Shell Oil Co.	Rena Shugart-2% Ralph A. Shugart, Jr. 1/2 of 1% Jane S. Johnston- 1/2 of 1% Danite Corp. - 3% Total 5%	Shell Oil Co. - 100%
3	21S-25E Sec. 27: NW 1/4 NW 1/4	40.00 0.00	NM-059755-A 10/31/71 (3)	USA - 12.5%	D. J. Sorenson	Rena Shugart -2% Ralph A. Shugart, Jr. 1/2 of 1% Jane S. Johnston - 1/2 of 1% Danite Corp. - 2% Total 5%	D. J. Sorenson - 100%

*Extended by termination of Communitization Agreement.
**Agreement automatically terminated by termination of unit.

EXHIBIT D

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
4	21S-25E Sec. 27, T1N1E1, E1/4, S1/4, NW1/4	320.00 0.00	NM-0106774 7/31/72 (3)	USA - 12.5%	Shell Oil Co.	L.C. Harris - 1/2 of 1% E. S. Grear - 1/2 of 1% D. L. Hannifin 1/2 of 1% L.J. Reischman - 2%	Shell Oil Co. 100%
						Total 3%	

5	21S-25E Sec. 27, S1/4, NW1/4	40.00 0.00	NM-0106774-B 7/31/72 (3)	USA - 12.5%	D.J. Sorenson	L. C. Harris - 1/2 of 1% E. S. Grear - 1/2 of 1% D. L. Hannifin - 1/2 of 1% L.J. Reischman - 2%	D. J. Sorenson 100%
						Total 3%	

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S. J. REICHMAN

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EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-215, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
6	215-25E SEC. 34, T15N, R25E	120.00 0.00	NH-0112134-A 1/31/71 (3)	USA - 12.5%	Gulf Oil Corp.-53.125% Atlantic Richfield-25% David Fasken-18.750% Tom Brown Drilling Co.-3.125%	George E. Conley-5% Norman L. Stevens-.625% Kay Havenor-.625% Total 6 1/2%	Below 10,600': Gulf Oil Corp. 26.136360% Atlantic Richfield 25% David Fasken - 23.108108% Charles B. Rea 27.630532% Tom Brown Drill Co. - 3.125% Below 10,600': Gulf Oil Corp. 52.272730% Atlantic Richfield 25% David Fasken - 19.602270% Tom Brown Drill Co. - 3.125%

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EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
7	21S-25E Sec. 23: NE 1/4, SE 1/4	40.00 0.00	NH-0112134-C 1/31/71(3)	USA - 12.5%	R.G. Hanagan	F.G. Breckenridge - 12% George E. Conley - 5% Kay Havenor - .625% Norman L. Stevens - .625% Total 7 1/2%	R. G. Hanagan
8	21S-25E Sec. 23: NE 1/4	40.00	NH-0150455 4/30/71	USA - 12.5%	Atlantic Richfield Co.	Rachel E. Boice - 2/3 of 5% First Security Oil & Gas Corp. - 1/6 of 5% Beverly H. McCoy - 1/6 of 5% Total 5%	Atlantic Richfield Co. - 100%
9	21S-25E Sec. 22: SW 1/4 Sec. 24: NW 1/4 SW 1/4	40.00 80.00	NH-0154589 5/31/71(2)	USA - 12.5%	Shell Oil Co.	Daniel M. Smith, Jr. - 3% Total 3%	Shell Oil Co.
10	21S-25E Sec. 24: NE 1/4, NW 1/4, SW 1/4	40.00 0.00	NH-0168817 7/31/72(3)	USA - 12.5%	Gulf Oil Corp.	George E. Conley - 5% Total 5%	Gulf Oil Corp. - 100%
11	21S-25E Sec. 24: NW 1/4	40.00 0.00	NH-0168817-A 7/31/72(3)	USA - 12.5%	R. G. Hanagan	George E. Conley - 5% Total 5%	R. G. Hanagan

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EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
12	21S-25E Sec. 23: SE $\frac{1}{4}$, SE $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 24: SW $\frac{1}{4}$ NE $\frac{1}{4}$	240.00 200.00	NH-0174205 6/30/71	USA - 12.5%	Shell Oil Co.	Raymond M. Thompson - $\frac{1}{2}$ of 1% Don R. Link - 4 $\frac{1}{2}$ % Total 5%	Shell Oil Co. - 100% 100%
13	21S-25E Sec. 26: SE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{2}$ SE $\frac{1}{4}$	80.00	NH-0224977 4/30/72	USA-12.5%	Shell Oil Co.	R. E. Boyle - 4% Total 4%	Shell Oil Co. 100%
14	21S-25E Sec. 24: E $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ Sec. 25: NE $\frac{1}{4}$ Sec. 26: NE $\frac{1}{2}$ NE $\frac{1}{4}$	840.00	NH-0374057 4/30/73	USA - 12.5%	A.J. Vogel	A.J. Vogel - \$750.00 per acre out of 6 $\frac{1}{2}$ % Total 6 $\frac{1}{2}$ %	Atlantic Richf Co. - 100%
14 A	21S-25E Sec. 24: SE$\frac{1}{4}$NE$\frac{1}{4}$	40.00 0.00	NH-0374057 4/30/73	USA - 12.5%	A.J. Vogel	None	A.J. Vogel - 100%
15	21S-25E Sec. 25: W $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 24: NE $\frac{1}{4}$	240.00 80.00	NH-9543 5/31/79	USA - 12.5%	Allied Chemical Corporation	Thomas K. Hollberg - 5% Total 5%	Allied Chemical Corporation - 100%
16	21S-25E Sec. 24: SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 25: SE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$	280.00	NH-9874 6/30/79	USA - 12.5%	Robert G. Hanagan	John Oakason - $\frac{1}{2}$ of 5% H.B. Cahoon - 3/4 of 5% Total 5%	Robert G. Hanagan - 100%

TOTAL: 4400 ACRES FEDERAL LANDS - 65.4762% OF UNIT AREA

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EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
STATE LAND							
17	21S-25E Sec. 22: S1SE1 Sec. 23: N1SW1, SE1SW1 Sec. 26: E1NW1, NE1SW1, SW1NE1, NW1SE1	400.00 320.00	K-32681 5/21/73	State of New Mexico-12.5%	Atlantic Richfield & Union Oil Co. of Calif. 1/2	None	Atlantic Richfield Co. - 50% (all depth) Union Oil Co. of Calif. - 50% (below E Devonian formation) Surface to base (Union Oil Co. of Calif. - 25% Hanagan & Hanagan (Hanagan & Hanagan) operating right from Union Oil Co. Calif. to base Devonian formation)
18	21S-25E Sec. 13: S1	320.00	K-4192 6/16/74	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%
19	21S-25E Sec. 14: SW1	160.00	K-4902 4/20/75	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%
20	21S-25E Sec. 22: N1NE1 Sec. 23: N1NW1, SW1SW1	200.00 120.00	K-4991-1 5/18/75	State of New Mexico-12.5%	Atlantic Richfield Co.	Max W. Coll. - 5% Total 5%	Atlantic Richfield Co. - 100%
21	21S-25E Sec. 26: SE1SE1	40.00	K-5721 2/15/76	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
22	<u>21S-25E</u> Sec. 36: N $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	280.00	L-1898 12/11/78	State of New Mexico-12.5%	Southland Royalty Co.	None	Southland Royalty Co. 100%
23	<u>21S-25E</u> Sec. 26: SW $\frac{1}{4}$ SE $\frac{1}{4}$	40.00	L-2672 3/18/79	State of New Mexico-12.5%	Hanagan & Hanagan	F.G. Breckenridge - 5%	Hanagan & Hanagan 100%
Total 5%							
24	<u>21S-25E</u> Sec. 26: SE $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	200.00	L-4707 7/21/80	State of New Mexico-12.5%	Midwest Oil Corporation	None	Midwest Oil Corporation 100%
25	<u>21S-25E</u> Sec. 36: SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$	200.00	L-5035 11/17/80	State of New Mexico-12.5%	Lario Oil & Gas Co.	None	Lario Oil & Gas Co. -100%

TOTAL: 1840 ACRES STATE OF NEW MEXICO LANDS - 27.3810% OF UNIT AREA

160.00 Acres Automatically Eliminated

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
5-25E S. 14: SEk	160.00	2/27/75		a Partnership Pardue Farms, / Hanagan & Hanagan	F.G. Breckenridge - 5%	Hanagan & H. - 100%
					Total 5%	
				Dorothy S. Carlson - 16.319667% of 1/8		
				Leona L. Stagner - 8.159833% of 1/8		
				Marilyn T. Joyce - 26.981% of 1/8		
				Merland, Inc. - 8.02% of 1/8		
				June Joyce Kugeler - 8.02% of 1/8		
				Carmex, Inc. - 8.02% of 1/8		
				E. C. Phillips Trust Est. - 3.263933% of 1/8		
				J.M. Phillips Trust Est. - 1.631966% of 1/8		
				James Melton Winfield - 1.087978% of 1/8		
				Jerry Phillips Winfield - 1.087978% of 1/8		
				Total 12.5%		

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
27	21S-25E Sec. 22, T21N, R25E	160.00 0.00	2/27/75	Pardue Farms, / 16.319667% of 1/8 Dorothy S. Carlson- 16.319667% of 1/8 Leona L. Stagner- 8.159833% of 1/8 Marilyn T. Joyce - 26.981% of 1/8 Merland, Inc. - 8.02% of 1/8 June Joyce Kugeler - 8.02% of 1/8 Carmex, Inc. - 8.02% of 1/8 E. C. Phillips Trust Est.-3.263933% of 1/8 J. M. Phillips Trust Est.-1.631966% of 1/8 James Melton Winfield- 1.087978% of 1/8 Jerry Phillips Winfield- 1.087978% of 1/8 Total 12.5%	a Partnership Hanagan & Hanagan	F.G. Breckenridge - 5% Total 5%	100% Hanagan & Hanag. - 100%

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
28	21S-25E Sec. 23: E1/4NW1/4; W1/4NE1/4	160.00	2/27/78	a Partnership Pardue Farms, / 16.319667% of 1/8 Dorothy S. Carlson- 16.319667% of 1/8 Leona L. Stagner- 8.159833% of 1/8 Marilyn T. Joyce - 26.981% of 1/8 Merland, Inc. - 8.02% of 1/8 June Joyce Kugeler - 8.02% of 1/8 Carmex, Inc. - 8.02% of 1/8 E. C. Phillips Trust Est. - 3.263933% of 1/8 J. M. Phillips Trust Est. - 1.631966% of 1/8 James Melton Winfield - 1.087978% of 1/8 Jerry Phillips Winfield- 1.087978% of 1/8 Total 12.5%	Hanagan & Hanagan	- F.G. Breckenridge- - 5% Total 5%	an & Han 100%

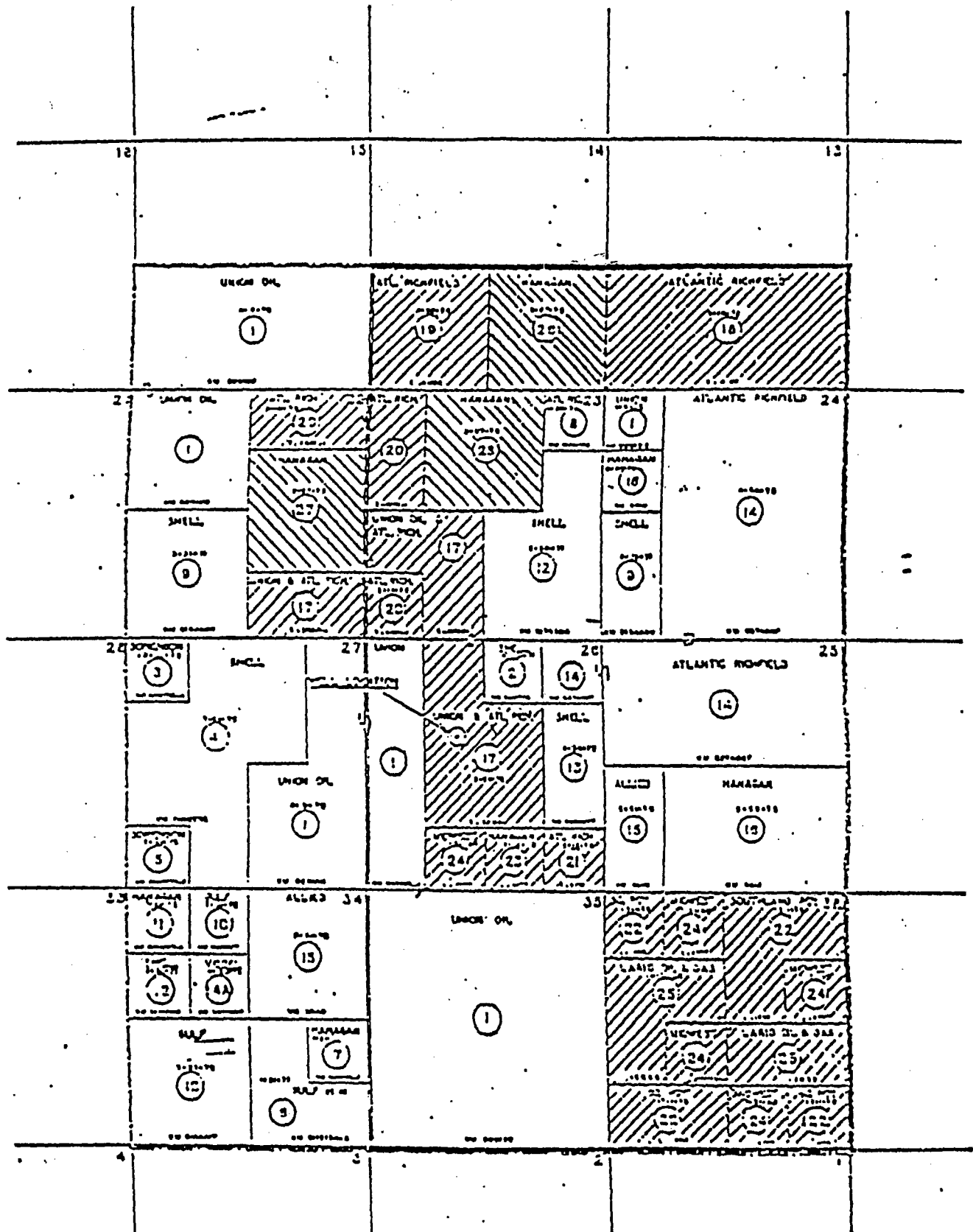
After Automatic Elimination

RECAPITULATION:

4400.00 Acres - Federal Lands - 65.4762%
1840.00 Acres - State Lands - 27.3810%
480.00 Acres - Fee Lands - 7.1428%

2,480.00 Acres Federal Lands Remaining
1,680.00 Acres State Lands Remaining
320.00 Acres Fee Lands Remaining

R-25-E



	-FEDERAL-	4433.00 Acres	65.4762 %
	-STATE -	1840.00 Acres	27.3110 %
	FEE -	480.00 Acres	7.1428 %
	TOTAL -	5720.00 Acres	100.000 %

CATCLAY DRAW UNIT
 EDDY COUNTY, NEW MEXICO
 UNIT OPERATOR: HANAGAN PET. CORP.

UNIT OUTLINE

EXHIBIT A

Acres are automatically eliminated from the Unit Area

Acres are to be taken out of the Unit Area

Acres are to be taken out of the Unit Area

WELL LOCATION AND ACREAGE DEDICATION PLAT

Supplement No. 1
Effective 1-1-78

13/11

All distances must be from the outer boundaries of the Section

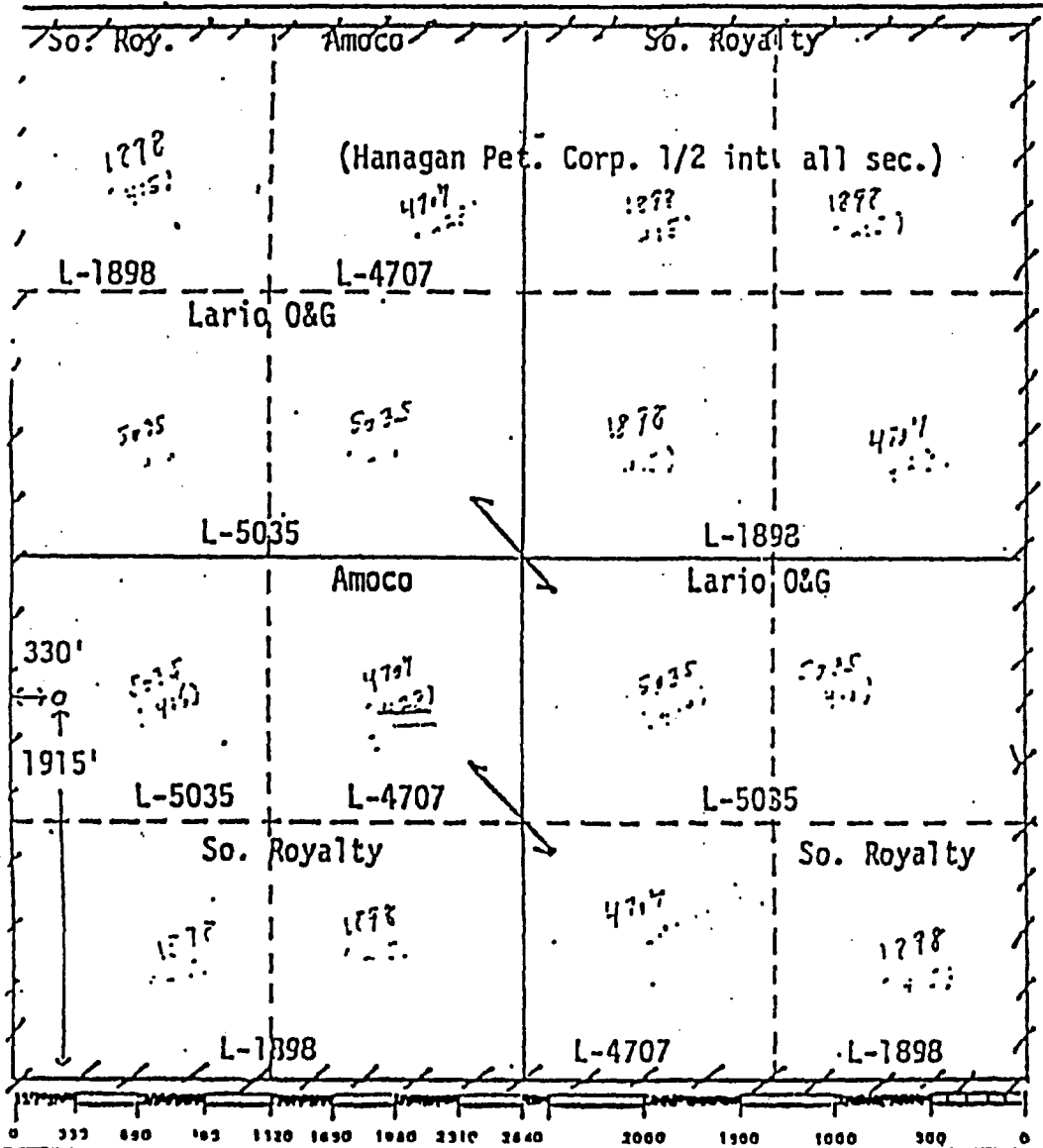
Hanagan Petroleum Corporation		Catclaw Draw		Well No. 11
Section 36	Township 21 South	Range 25 East	County Eddy	
Location of Well				
330 feet from the West	1915 feet from the South			
Ground Level Elev. 3688	Producing Formation Strawn	Well Catclaw Draw Strawn	Dedicated Acreage 640	Ac.

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Federal & State Approved Unit

If answer is "no," list the owners and their descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commi



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Stephen E. Harris
Position Vice President
Company Hanagan Petroleum Corp.
Date 2/17/78

I hereby certify that the well shown on this plat was plotted from notes of actual surveys made by me under my supervision, and that the plat is true and correct to the best of my knowledge and belief.

Date Surveyed _____
Prof. or Professional Engineer or Var Land Surveyor _____

Certificate No. 11111

EXHIBIT "B"

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-215, R-25-E

Tract No.	Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
<u>STATE LAND</u>							
17	21S-25E Sec. 22: SWSE$\frac{1}{4}$ Sec. 23: NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 26: E $\frac{1}{2}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	400.00 320.00	K-3268-1 5/21/73	State of New Mexico-12.5%	Atlantic Richfield $\frac{1}{4}$ Union Oil Co. of Calif. $\frac{3}{4}$	None	Atlantic Richfield Co.-50% (all depth) Union Oil Co. of Calif.-50% (below Devonian formation) Surface to base of Union formation: Union Oil Co. of Calif. - 25% Hanagan & Hanagan (Hanagan & Hanagan $\frac{1}{4}$ operating rights from Union Oil Co. Calif. to base Devonian formation)
18	21S-25E Sec. 13: SW $\frac{1}{4}$	320.00	K-4192 6/16/74	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%
19	21S-25E Sec. 14: SW $\frac{1}{4}$	160.00	K-4902 4/20/75	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%
20	21S-25E Sec. 22: NW$\frac{1}{4}$NE$\frac{1}{4}$ Sec. 23: NW $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$	280.00 120.00	K-4991-1 5/18/75	State of New Mexico-12.5%	Atlantic Richfield Co.	Max H. Coll.-5% Total 5%	Atlantic Richfield Co. - 100%
21	21S-25E Sec. 26: SE $\frac{1}{4}$ SE $\frac{1}{4}$	40.00	K-5721 2/15/76	State of New Mexico-12.5%	Atlantic Richfield Co.	None	Atlantic Richfield Co. - 100%

CATCLAW DRAW UNIT - EDDY COUNTY, NEW MEXICO - T-21S, R-25-E

Description of Land	Number of Acres	Lease No & Exp. Date of Lease	Basic Royalty & Percentage	Lessee of Record	Overriding Royalty & Percentage	Working Interest & Percentage
21S-25E Sec. 36: N ¹ / ₄ N ¹ / ₄ E ¹ / ₄ , S ¹ / ₄ N ¹ / ₄ E ¹ / ₄ , N ¹ / ₄ N ¹ / ₄ N ¹ / ₄ E ¹ / ₄ , S ¹ / ₄ S ¹ / ₄ E ¹ / ₄ , SE ¹ / ₄ SE ¹ / ₄	280.00	L-1898 12/1/78	State of New Mexico-12.5%	Southland Royalty Co.	None	Southland Royalty Co. - 100%
21S-25E Sec. 26: SW ¹ / ₄ SE ¹ / ₄	40.00	L-2672 3/18/79	State of New Mexico-12.5%	Hanagan & Hanagan	F.G.Breckenridge - 5%	Hanagan & Hanagan - 100%
Total 5%						
21S-25E Sec. 26: SE ¹ / ₄ SW ¹ / ₄ , NE ¹ / ₄ N ¹ / ₄ N ¹ / ₄ E ¹ / ₄ , SE ¹ / ₄ NE ¹ / ₄ , SW ¹ / ₄ SE ¹ / ₄	200.00	L-4707 7/21/80	State of New Mexico-12.5%	Midwest Oil Corporation	None	Midwest Oil Corporation - 100%
21S-25E Sec. 36: SW ¹ / ₄ SW ¹ / ₄ , NW ¹ / ₄ SW ¹ / ₄ , NE ¹ / ₄ SE ¹ / ₄	200.00	L-5035 11/17/80	State of New Mexico-12.5%	Lario Oil & Gas Co.	None	Lario Oil & Gas Co. - 100%

TOTAL: 1840 ACRES STATE OF NEW MEXICO LANDS - 27.3810% OF UNIT AREA

160.00 Acres Automatically Eliminated
1,680.00 Acres Remaining in Unit

15/15

U.S. DEPARTMENT OF INTERIOR
Minerals Management Service
Royalty Management Program

MONTHLY REPORT OF OPERATIONS
Model MMS-3160

Lease Number
Agreement Number SW703
Field Name CATCLAW DRAW
Unit Name CATCLAW DRAW
Participating Area
County EDDY State NM
Operator HALLWOOD PETROLEUM INC
[] Amended Report
CATCLAW DRAW #6 & #16
46459

Period 12/99

API Well No	Operator Well No	Sec	QO	TWP	RNG	ST	Days Prod	BBS Oil	MCF Gas	BBS Water	Remarks
300152073400S1	006	13NWSE	21S	25E			31	34	11010	36	
300152375300S1	016	13SWNW	21S	25E			20	0	4851	0	

Disposition of Production

Identify	Water Draw	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
On hand, Start of Month		135	XXXXXX	XXXXXX
Produced		34	15861	36
Sold		79	15725	XXXXXX
Spilled or Lost		0	XXXXXX	XXXXXX
Flared or Vented		XXXXXX	XXXXXX	XXXXXX
Used on Lease		0	0	XXXXXX
Injected		0	136	XXXXXX
Gas Transferred		0	0	0
Plant Name		XXXXXX	XXXXXX	XXXXXX
Surface Pits		XXXXXX	XXXXXX	XXXXXX
Other		-3	0	0
On hand, End of Month		87	XXXXXX	36
API Gravity/BTU Content		49.5	1065	XXXXXX

COMMENTS

CONTACT NAME SONIA PRIEN
Phone Number 303-850-6371

ADDRESS 4610 SOUTH ULSTER STREET DENVER, CO 80237

AUTHORIZING SIGNATURE _____ DATE _____

MONTHLY REPORT OF OPERATIONS
Model MMS-3160

Lease Number
Agreement Number SW704
Field Name CATCLAW DRAW
Unit Name CATCLAW DRAW
Participating Area
County EDDY State NM
Operator HALLWOOD PETROLEUM INC
{ } Amended Report 46459
CATCLAW DRAW #7 & #17

[illegible]

Disposition of Production

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
On hand, Start of Month	45	XXXXXX	XXXXXX
Produced	0	10806	42
Sold	21	10747	XXXXXX
Spilled or Lost	0	XXXXXX	XXXXXX
Flared or Vented	XXXXXX	XXXXXX	XXXXXX
Used on Lease	0	0	XXXXXX
Injected	0	59	XXXXXX
Gas Transferred	XXXXXX	0	XXXXXX
Plant Name	XXXXXX	XXXXXX	XXXXXX
Surface Plts	XXXXXX	XXXXXX	0
Other	-24	0	42
Identify Water Draw			
On hand, End of Month	0	XXXXXX	XXXXXX
API Gravity/BTU Content	49.8	1062	XXXXXX

COMMENTS

CONTACT NAME SONIA PRIEN
Phone Number 303-850-6371

ADDRESS 4610 SOUTH ULSTER STREET DENVER, CO 80237

AUTHORIZING SIGNATURE

DATE

MONTHLY REPORT OF OPERATIONS
Model MMS-3160

Lease Number
Agreement Number 8910115880
Field Name
Unit Name CATCLAW DRAW - MORROW
Participating Area
County EDDY State NM
Operator HALLWOOD PETROLEUM INC
[] Amended Report
CATCLAW DRAW 46459

Period 12/99

[illegible]

Disposition of Production

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
On hand, Start of Month	473		
Produced	133		
Sold	248	75105	66
Spilled or Lost	0	74752	
Flared or Vented			
Used on Lease			
Injected	0	0	
Gas Transferred	0	353	0
Plant Name		0	
Surface Pits			
Other			
Identify Water Draw	-34		0
On hand, End of Month	324		66
API Gravity/BTU Content	49.8	1071	

COMMENTS

CONTACT NAME SONIA PRIEN
Phone Number 303-850-6371

ADDRESS 4610 SOUTH ULSTER STREET DENVER, CO 80237

AUTHORIZING SIGNATURE

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE