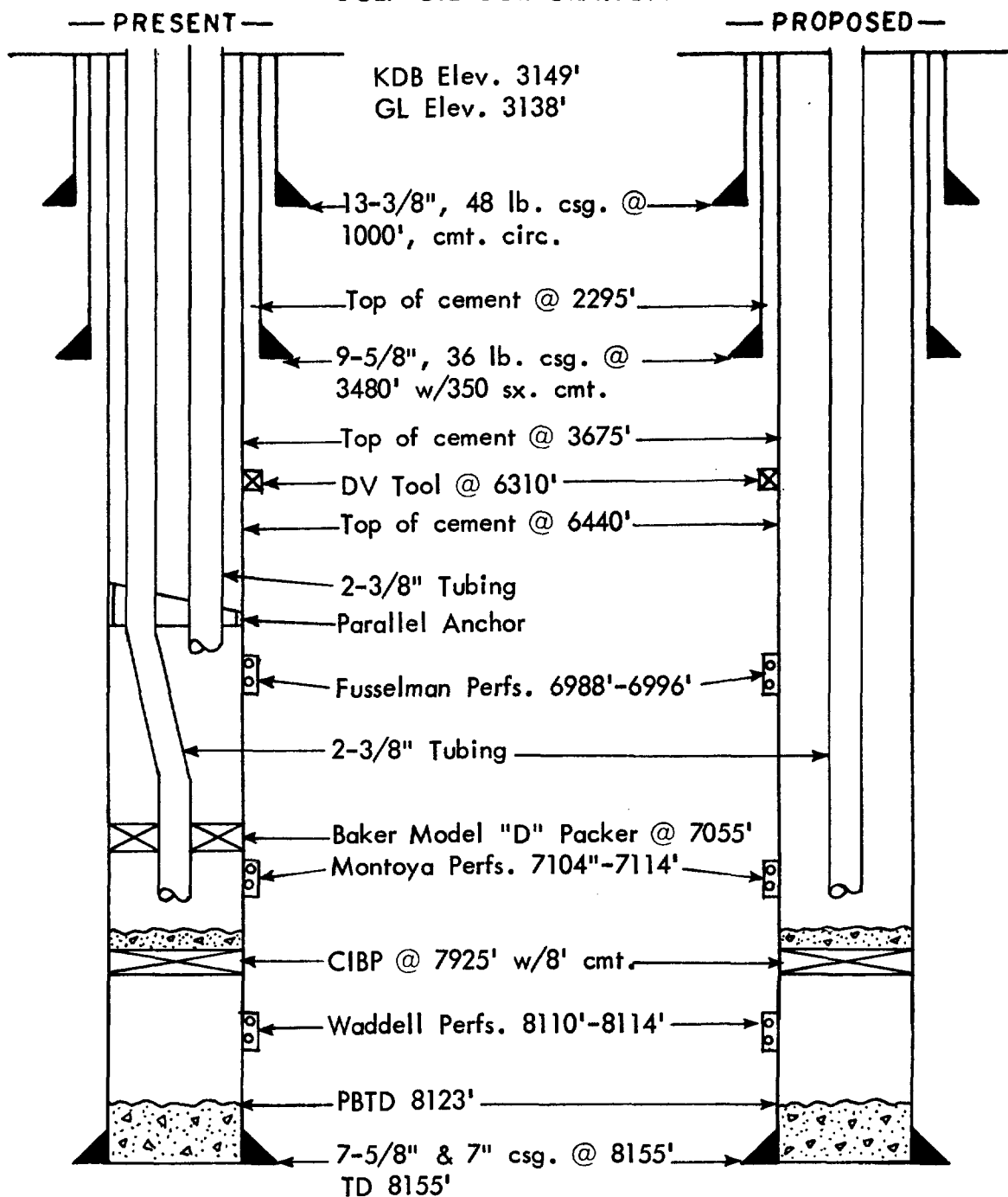


Diagrammatic Sketch Showing

PRESENT & PROPOSED INSTALLATION
W. A. RAMSAY (NCT-C), WELL NO. 4
UNIT M, SEC. 36, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO
GULF OIL CORPORATION



BEFORE THE OIL FIELD CENTER
OIL COMPANY OF NEW MEXICO
Gulf WELL NO. 2
CASE NO. 6599

EXHIBIT NO. 2
CASE NO. 6599
DATE 7-25-79

EXHIBIT NO. 3
CASE NO. 6599
DATE: 7-25-79
GULF OIL CORPORATION
WELL DATA

- (1) Operator: Gulf Oil Corporation
Post Office Box 670
Hobbs, New Mexico 88240
- (2) Well Name & Location: W. A. Ramsay (NCT-C) No. 4
330' FSL and 430' FWL of Section 36, T-24-S, R-37-E,
Lea County, New Mexico
- (3) Pools: Justis Fusselman (6988'-6996')
Justis Montoya (7110'-7114')
Triple completed with the North Justis Waddell (8110'-8114') under
Order No. R-2430. Waddell was plugged and abandoned 11-71.
- (4) Current Production: See attached C-116.
- (5) Production Decline and Well History: See attached curves for decline.

Well was spudded on October 29, 1962 and drilled to a total depth of 8155'. Seven inch production casing was set at 8155'. The well was triple completed in the North Justis Fusselman, North Justis Montoya, and North Justis Waddell zones under Order No. R-2430. The Waddell was perforated in the interval 8110'-8114' and treated with 500 gallons of 15% NE acid and 2000 gallons of 15% HCL. Initially, the well flowed 198 BOPD on a 12/64" choke.

In 1963, the zone was reacidized with 1000 gallons 15% HCL and additional zones were perforated and treated with 2000 gallons Super F acid. Additional zones that were perforated and treated included 8109-8113', and 8090-8094'. The Waddell zone was TA'd on 8-18-64 and plugged on 11-17-71.

The Montoya zone was perforated in the interval 7104-14' and treated with 500 gallons 15% NE acid. The zone was squeezed and reperforated in the interval 7110-14' and treated with 1250 gallons 15% HCL. The Montoya zone initially flowed 188 BOPD after completion. The Fusselman was perforated in the interval 6988'-6996' and treated with 1000 gallons 15% HCL. Initial production from the Fusselman zone was 166 BOPD.

- (6) Estimated Bottom Hole Pressure: The bottom hole pressure for both zones is estimated to be 1000 psi based on offset information.
- (7) Fluid Characteristics: Production from the North Justis Fusselman and North Justis Montoya pools is being commingled in surface storage facilities under Administrative Order PC-72. No evidence of fluid incompatibility has been experienced to date and no future problems are anticipated.

Gulf

6599

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EXHIBIT NO. 3
CASE NO. 6599
DATE: 7-25-79
GULF OIL CORPORATION
WELL DATA
PAGE TWO

- (8) Value of Commingled Production: No change in value of the crude is anticipated since the zones are already commingled at the surface under Administrative Order PC-72.
- (9) List of offset operators attached.

Gulf Oil Corporation

Justis Montoya North

County Lea

Box 670, Hobbs, NM 88240

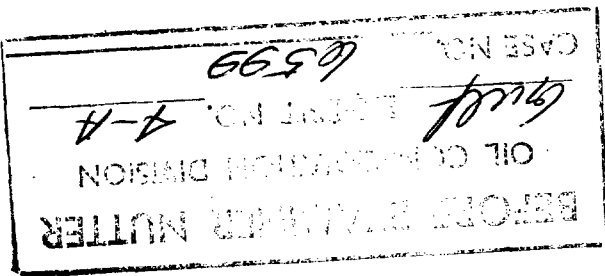
TYPE OF TEST - (X)

Scheduled ☒ A

Completion ☐

Correct ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST RUN	PROD. DURING TEST				GAS - OIL RATIO
		U	S	T	R						WATER DLS.	GRAV. OIL DLS.	OIL DLS.	GAS M.C.F.	
A. Ramsay (NOT-C)	4	M	36	24	37	4-7-78	2" NO	30	10	24	90	39.1	12	TEST	-



No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

GAS volumes must be reported in MCF measured at a pressure base of 14.735 psia and a temperature of 60° F. Specific Gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with rules and regulations.

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

Wells Tester

(Signature)

W. H. Hall

GAS-OIL RATIO TESTS

Case No. 11-95
 Revised 11-95

Gulf Oil Corporation

Pool
 Justis Fuselman North

County
 Lea

Box 670, Hobbs, NM 88240

TYPE OF
 TEST - (X)

Scheduled ☐

Completion ☐

Spontaneous ☐

LEASE NAME	WELL NO.	LOCATION				DATE OF TEST	CHOKE SIZE	TSG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS-OIL RATIO CU.FT./BBL.
		U	S	T	R						WATER SOLS.	GRAV. OIL	OIL SOLS.	GAS M.C.F.	
Ramsay (NCT-3)	4	M	36	24	37	4-8-78	2 1/2" NO	30	14	24	20	37.0	10	TSTM	-
RECEIVED BY THE WELL TESTER OIL COMPANY DIVISION 4-B 6599															

No well will be assigned an allowable greater than the amount of oil produced on the official test.
 During each test, each well shall be produced at a rate not exceeding 10% of the allowable for the pool in which well is located by more than 1/2 inch. Operator is authorized to take advantage of this 25 percent tolerance in order that wells can be assigned gas volumes must be reported in NCT measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base shall be 0.850.

Report casing pressure in lieu of tubing pressure. If casing pressure is not available through casing, report the pressure at the well head. If the pressure is not available, report the pressure at the well head. If the pressure is not available, report the pressure at the well head. If the pressure is not available, report the pressure at the well head.

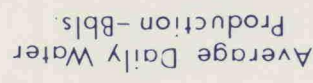
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

W. H. H. H. H.
 Well Tester

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Gulf EXHIBIT NO. 5-A
UNUAL

T-03 WELL NO. 4 | 6599

NORTH JUSTIS POOL
LEA COUNTY, NEW MEXICO
GULF OIL CORPORATION



DAILY AVERAGE
GAS PRODUCTION -
MCF

DAILY AVERAGE
OIL PRODUCTION -
BBLs.

DAILY AVERAGE WATER PRODUCTION - BBLs.

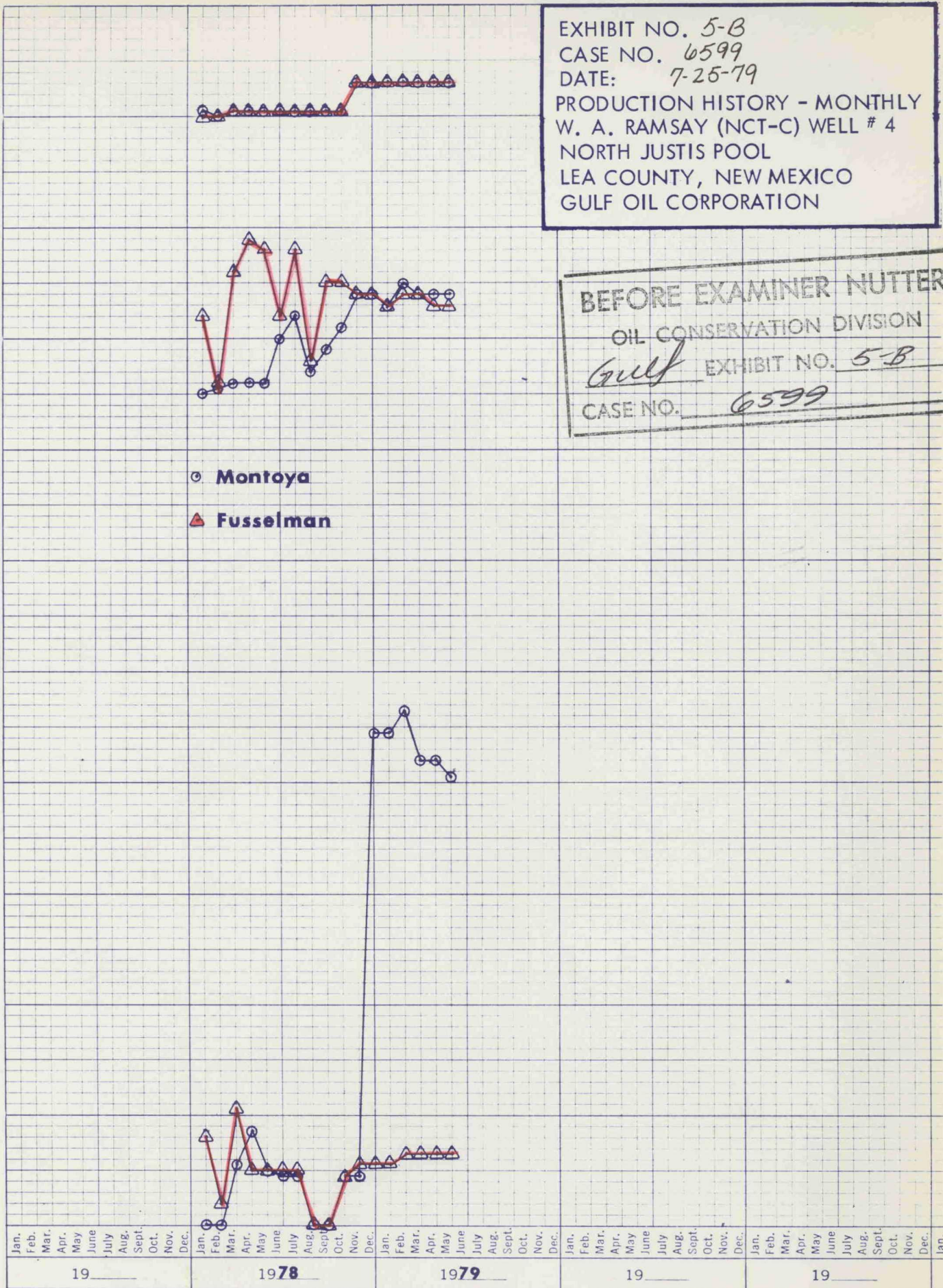


EXHIBIT NO. 5-B
 CASE NO. 6599
 DATE: 7-25-79
 PRODUCTION HISTORY - MONTHLY
 W. A. RAMSAY (NCT-C) WELL # 4
 NORTH JUSTIS POOL
 LEA COUNTY, NEW MEXICO
 GULF OIL CORPORATION

BEFORE EXAMINER NUTTER
 OIL CONSERVATION DIVISION
Gulf EXHIBIT NO. 5-B
 CASE NO. 6599

BEFORE EXAMINER NOTTER OIL CORPORATION DIVISION

Case NO. 6599
DATE: 7-25-79
PRODUCTION HISTORY
W. A. RAMSAY (NCT-C) WELL NO. 4
NORTH JUSTIS-FUSSELMAN POOL
GULF OIL CORPORATION

EXHIBIT NO. 6-A
CASE NO. 6599
DATE: 7-25-79
PRODUCTION HISTORY
W. A. RAMSAY (NCT-C) WELL NO. 4
NORTH JUSTIS-FUSSELMAN POOL
GULF OIL CORPORATION

	OIL (BBLs)	DAILY AVERAGE OIL (BOPD)	GAS (MCF)	DAILY AVERAGE GAS (MCFPD)	WATER (BBLs)	DAILY AVERAGE WATER (BWPD)
1963	6,007	16	23,377	64	-	-
1964	5,164	14	84,734	232	-	-
1965	6,009	16	60,024	164	-	-
1966	5,730	16	53,516	147	-	-
1967	4,165	11	37,647	103	-	-
1968	3,182	9	20,440	56	-	-
1969	4,340	12	10,963	30	58	TSTM
1970	10,556	29	13,321	36	208	TSTM
1971	7,747	21	5,058	14	435	1
1972	4,480	12	20,516	56	5,330	15
1973	1,941	5	3,803	10	6,930	19
1974	1,873	5	3,068	8	6,195	17
1975	523	1	315	1	4,950	14
1976	1,680	5	12	TSTM	1,600	4
1977					4,400	12
JAN	351	11	4	TSTM	800	26
FEB	349	12	4	TSTM	775	28
MAR	330	11	3	TSTM	800	26
APR	318	11	4	TSTM	459	15
MAY	360	12	10	TSTM	480	15
JUN	227	8	15	TSTM	430	14
JUL	266	9	8	TSTM	496	16
AUG	247	8	4	TSTM	496	16
SEPT	298	10	4	TSTM	630	21
OCT	298	10	3	TSTM	651	21
NOV	348	12	3	TSTM	600	20
DEC	229	7	2	TSTM	650	21
ANNUAL	3,621	10	64	TSTM	7,267	20

EXHIBIT NO. 6-A
CASE NO. 6599
DATE: 7-25-79
PRODUCTION HISTORY
W. A. RAMSAY (NCT-C) WELL NO. 4
NORTH JUSTIS-FUSSELMAN POOL
GULF OIL CORPORATION
PAGE TWO

	OIL (BBL/S)	DAILY AVERAGE OIL (BOPD)	GAS (MCF)	DAILY AVERAGE GAS (MCFPD)	WATER (BBL/S)	DAILY AVERAGE WATER (BWPD)
1978						
JAN	216	7	3	TSTM	500	16
FEB	38	1	-	-	100	4
MAR	351	11	5	TSTM	650	21
APR	419	14	6	TSTM	300	10
MAY	411	13	7	TSTM	310	10
JUN	220	7	2	TSTM	300	10
JUL	407	13	5	TSTM	300	10
AUG	100	3	1	TSTM	-	-
SEPT	297	10	3	TSTM	-	-
OCT	309	10	2	TSTM	280	9
NOV	256	9	94	3	340	11
DEC	280	9	95	3	355	11
ANNUAL	3,304	9	218	0.6	3,455	9
1979						
JAN	253	8	90	3	355	11
FEB	254	9	89	3	364	13
MAR	279	9	90	3	403	13
APR	249	8	91	3	390	13
MAY	249	8	91	3	390	13
ANNUAL TO DATE	1,284	9	451	3	1,902	13

BEFORE EXAMINER NOTED

OIL CORPORATION DIVISION

Case No. 6-8

Case No. 6599

EXHIBIT NO. 6-8
CASE NO. 6599
DATE: 7-25-79

PRODUCTION HISTORY

A. RAMSAY (NCT-C) WELL NO. 4
NORTH JUSTIS-MONTOYA POOL
GULF OIL CORPORATION

	OIL (BBL'S)	DAILY AVERAGE OIL (BOPD)	GAS (MCF)	DAILY AVERAGE GAS (MCFPD)	WATER (BBL'S)	DAILY AVERAGE WATER (BWPD)
1963	26,847	74	29,352	80	565	2
1964	32,353	89	44,455	122	-	-
1965	33,004	90	14,517	40	-	-
1966	38,651	106	18,094	50	323	1
1967	37,056	102	13,167	36	3,838	11
1968	20,596	56	7,276	20	1,596	4
1969	17,343	48	4,923	13	18,667	51
1970	14,427	40	8,373	23	23,132	63
1971	8,559	23	7,449	20	9,308	26
1972	5,718	16	28,005	77	5,595	15
1973	6,083	17	2,493	67	3,385	9
1974	5,294	15	767	2	2,390	7
1975	3,308	9	359	1	29,465	81
1976	3,518	10	1,369	4	40,600	111
1977						
JAN	449	14	5	TSTM	3,100	100
FEB	455	16	4	TSTM	2,800	100
MAR	334	11	3	TSTM	3,100	100
APR	364	12	5	TSTM	2,700	90
MAY	388	13	10	TSTM	2,790	90
JUN	352	12	29	TSTM	2,500	83
JUL	234	8	5	TSTM	1,350	44
AUG	260	8	4	TSTM	1,350	44
SEPT	333	11	4	TSTM	3,000	100
OCT	180	6	2	TSTM	1,350	44
NOV	-	-	408	14	-	-
DEC	-	-	-	-	-	-
ANNUAL	3,349	9	479	1	24,040	66

EXHIBIT NO. 6-6
CASE NO. 6599
DATE: 7-25-79
PRODUCTION HISTORY
W. A. RAMSAY (NCT-C) WELL NO. 4
NORTH JUSTIS-MONTOYA POOL
GULF OIL CORPORATION
PAGE TWO

	OIL (BBLs)	DAILY AVERAGE OIL (BOPD)	GAS (MCF)	DAILY AVERAGE GAS (MCFPD)	WATER (BBLs)	DAILY AVERAGE WATER (BOPD)
1978						
JAN	- - -	- -	- - -	- - -	- - -	- - -
FEB	1	TSTM	1	TSTM	330	11
MAR	20	1	1	TSTM	500	17
APR	28	1	2	TSTM	295	10
MAY	29	1	1	TSTM	280	9
JUN	149	5	3	TSTM	280	9
JUL	205	7	2	TSTM	- - -	- - -
AUG	71	2	1	TSTM	- - -	- - -
SEPT	130	4	2	TSTM	- - -	- - -
OCT	199	6	2	TSTM	270	9
NOV	256	9	94	3	280	9
DEC	281	9	90	3	2,745	89
ANNUAL	1,369	4	197	0.5	4,980	14
1979						
JAN	252	8	90	3	2,745	89
FEB	282	10	89	3	2,600	93
MAR	291	9	90	3	2,604	84
APR	280	9	90	3	2,520	84
MAY	278	9	90	3	2,520	81
ANNUAL TO DATE	1,383	9	449	3	12,989	86