

William R. Locklear, Inc.

Consulting Petroleum Engineer

17104 BLANCO ROAD SAN ANTONIO, TEXAS 78232-1916

September 4, 1997

Mr. Chris Williams State of New Mexico Oil Conservation Division P. O. Box 1980 Hobbs, New Mexico 88241-1980

In re: Request for Exemption

Annual Gas Well Shutin Pressure Tests

Transglobe Oil and Gas Corporation

Madera Federal 30 Well No. 1

30-26S-34E API No. 30-25-32390

Lea County, New Mexico

Dear Mr. Williams:

I was recently in your office in Hobbs, New Mexico looking at some well files at which time I inquired about the status of our July 26, 1997 request for exemption to the Annual Gas Well Shutin Pressure Tests for the above referenced well. I was informed that I needed to send some additional information so that our request could be evaluated.

For your information and further use, I have encolsed the well report that shows two or more attempts to recover the wireline tools stuck in the tubing at approximately 12,500. I have enclosed pumper reports showing when the well was shutin due to line freezes last winter and the adverse effects on the tubing pressure and flow rates. Methanol injection has been implemented in an attempt to eliminate further equipment shutins.

I hope that this additional information will answer any questions that you may have regarding our request. We respectfully request that our request be granted.

Very truly yours, William K. Josklean

William R. Locklear, PE Consulting Engineer to

Trans Globe Oil and Gas Corporation

WRL/bl Enclosures

TRANSGLOBE OIL & GAS CORP Eight Day Gauge & Production Report

LEA COUNTY, DATE FEB TANK	NEW 2	I MEXIC	D Dat Feb	Ε	MADERA	FED DAT FEB	Ε	30-1	FR: Date Feb	:	FEB	D	O: ATE EB		FEB	1997 Date Feb	7		DAT FEB	E 8		DATI FEB		
	IN	BLS	FT	IN	8RLS	FT	IN	BRLS	FT	IN	BRLS	F	Ţ	IN	BRLS	FT	IN	8RLS	FT	IN	8RLS	FT	IN	BRLS
68854 7	2	241.05	7	2	241.05	1	4	44.72	3	7	121.1	3	5	10	196.43	8	1	271.73	10	4	347.03	12	7	422.33
68855 10	7	355.39		10	430.69		11	466.95		3	75.4		2	3	75.47		3	75.47		3	75.47	-	3	75.47
STOCK Plus runs		596.45 186.85			671.75			511.67 186.97			196.6 389.7	0 9			271.90			347.20			422.49			497.79 0.00
TOTAL Less Stock		783.30			671.75			698.64			586.3				271.90			347.20			422.49			497.79
YESTERDAY		708.00			596.45			671.75			511.6				196.60			271.90			347.20			422.49
DAILY PROD.		75.30			75.30			26.89			74.7				75.30			75.30			75.30			75.30
GAS		1813			1825			1813			185	0			1821			1883			1825			1814
WATER		0			0			0				0			0			0			0			0
		::::::			=====	ï		::::::			:::::				::::::	=		::::::	=					
FTP		1800			1700			1800	i		170	0			1700			1700			1700			1700
		::::::	:		::::::	=		::: :::	:		:::::	::			:::: ::	Ξ		::::::	=		*****	=		
																		THIS R						497.79
PIPE LINE RU		AND/OR												2	ADD: P	IPELI	NE R	UNS THI	S RE	POR	T			763.61
TICKET				-	ning			sing			Gross			_	400 07		u= 6							
DAY NUMBE		Tank#			IN		FT	IN			BBLS			5				UNS THI						0.00
1 160 20				12 0			7 0	2			186.8				(11nes	243	01 1	ast pre	VIOL	15 r	eport;			0.00
2 0 3 125 3 8		68855 688 5 4		6	-		1	4			0.0 186.9			4	TOTAL									1261.40
4 83 & 8		68855		13			2	3.25			389.7					STOCK	RFC	INNING	OF P	IONT	н			708.00
5 0		68855		0			0	3.23			0.0			J	LLUU.	J I DON	OLG	IMMIMU	01 1	IVII i	**			100.00
6 0	0			0			0	Č			0.0			6	PRODUC	TION	THIS	MONTH	TO E	ATE				553.40
7 0	0			0	-		0	Č			0.0			-	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,					
8 0	0	1		0	0	1	0	()		0.0													
TOTAL GAS TE	HIS	EIGHT	DAYS	}:				14644	ļ						TOTAL	WATER	THI	S EIGHT	DAY	/ \$:				0
TOTAL ACCUM	ULA	TED GAS	THI	S M	ONTH:			14644	1						TOTAL	ACCUM	ULAT	ED WATE	R T	IS	MONTH:			0

REMARKS: BLED 12" WATER 2/4/97

SIGNATURE: BRYAN GRAY'S PUMPING SERVICE

	DAT Jan	E	1EW 26		DAT	Ε	MADERA	DAT	3		DAT	E	JAN	TO: DAT JAN	E		1997 Date Jan	31		FE8	1		
TANK NO.	FT	I	N	BLS	FT	IN	BRLS	Fī	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	ΙN	BRLS	
6885	14 5		0	168.54	7	3	243.84	9	6	319.14	11	6	386.07	12	9	427.90	12	9	4 27.90	12	9	427.90	
6885	5 3	1		129.50		10	129.50			129.50		10	129.50		10	129.50	6	1	204.80		4	280.10	
	K Runs			298.04			373.34			448.64			515.57			557.40			632,70			708.00	
LESS	AL S STOC	K		687.08			373.34			448.64			515.57			557.40			632.70)		708.00	
YEST	ERDAY			632.70	_		298.04	_		373.34	_		448.64	_		515.57			557.40			632.70	
DAIL	Y PRO	D.		54.38			75.30			75.30			66.93			41.83						75.30	
GAS				1750			1750	=		1750	<u>.</u>		1750	=		1850	<u>.</u>		1825	,		1850	
WATE	R			0			0	=		0	:		1800	Ξ		0	ī		()) : -		0	
FTP				2000			1800	-		1800	-		1800	_		1800			1800)		1800	
PIP	E LINE	RUI		AND/OR				-			-		******	-	i	STOCK	AT EN	D OF	THIS	REPOR	lT.		708.00 389.04
DAY													Gross										~
	25 204	&8 !	53	Tank# 68855		15	5.5		3	10			389.04									eport)	1332.57
7)	0	68854 68854 68855		0	0		0	0			0.00 0.00 0.00			TOTAL	STOCK	BEG	CINNING	OF M	דעחו	н	2429.62 417.96
;	29 0)	0	68855	ı	0	0		0	0			0.00										
	30 C			68855 68855		0)	0	0			0.00		Ó	PRUDUC	HIUN	1412	MUNIH	10 0	HIE		2011.66
				EIGHT															IS EIGHT				-
TOT	AL ACC	CUMU	LAT	ED GAS	TH:	IS M	ONTH:			54710						TOTAL	ACCUM	ULAT	FED ₩ATE	ER TH	łIS	MONTH:	0

REMARKS:

LEA COUNTY, N DATE JAN 1 TANK		O Date Jan 19	MADERA	FEDERA DATE JAN 20		FR: Date Jan			TO: Dat Jan	E	JAN	1997 Date Jan	23		DAT JAN			DAT JAN		
	N BLS	FT IN	BRLS	FT IN	8RLS	FT	ΙN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	8RLS	FT	IN	8RLS
68854 13 1	1 466.95	8 4	280.10	2 0	67.08	4	3	143.44	6	6	218.74	1	4	44.72	3	5	115.55	3	5	115.55
68855 9	6 319.14	11 9	394.44		461.37		9	461.37		9	461.37	13	9	461.37		9	461.37		5	517.15
STOCK Plus runs	786.09 0.00		674.53 186.85		528.45 186.86			0.00			0.00			506.09 195.34			576.93			632.70
TOTAL LESS STOCK	786.09		861.39		715.32			604.81			680.11			701.43			576.93			632.70
YESTERDAY	708.00		786.09		674.53			528.45			604.81			680.11			506.09			576.93
DAILY PROD.	78.09		75.30		40.78			76.36			75.30			21.32			70.83			55.78
GAS	1750		1725		1750			1725			1750			1750			1700			1775
WATER	0		0		0			0			0			()			0			0
FTP	2000		2000		2000			2000			2000			2000			2000			2000
PIPE LINE RUN	IS AND/OR	85&0pe	ning											THIS RI		-	T			632.70 569.05
DAY TICKET NUMBER	t Tank#	•	ning IN	Clo FT	sing IN			Gross 88LS		3	ADD PI	PE LIN	E R	UNS THI	s mo	NTH				
17 0 18 157 616	0 68854 6 68854		•	•	-			0.00 186.85			(lines	2&3 o	f la	ast pre	viou	s re	eport)			763.52
19 157 617 20 0	1 68854 0 68855							186.86			TOTAL LESS:	STOCK	8EG	INNING (OF M	ONTI	Н			1965.28 417.96
22 157 619		. 7	2	1	4			0.00 195.34		6	PRODUC	TION T	HIS	HONTH	TO D	ATE				1547.32
	0 68855 0 68854		•		-			0.00 0 .00												
TOTAL GAS THI TOTAL ACCUMUL			IONTH:		13925 42185									S EIGHT ED WATE			MONTH:			0

REMARKS: PULLED 15" WATER 1/20&23/97

SIGNATURE:

TRANSGLOBE OIL & GAS CORP Eight Day Gauge & Production Report

LEA COUNTY, DATE JAN TANK	NEV	N MEXI	DA	TE N 11		DAT		. 30-1	FR: Date Jan	:		DAT		JAN	1997 Date Jan	15		DAT Jan	E 16		DAT Jan		
NO. FT	IN	8LS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	8RLS	FT	IN	BRLS	FT	IN	BRLS
68854 3	1	104.4	0 5	4	179.70) 7	7	255.00	9	10	330.30	12	0	402.81	13	10	464.16	13	10	464.16	13	10	464.16
68855 14	5	483.6		5	483.68		5	483.68		2	107.19		2	107.19		2	107.19		0	168.54		3	243.84
STOCK Plus runs		588.0	8 0		0.00	3		738.68			437.48	}		509.99			571.35	ı		632.70			708.00
TOTAL LESS STOCK		588.0			663.3			738.68			813.28			509.99			571.35			632.70			708.00
YESTERDAY		553.5			588.0	_		663.38			738.68			437.48			509.99			571.35			632.70
DAILY PROD.		34.5	4		75.3)		75.30			74.60)		72.51			61.35	,		61.35			75.30
GAS		197	5		192	5		1850			1850)		1850			1500)		1300			1750
WATER			0			0		0)		0			())		0			0
FTP		170	0		150	0		1500	I		1500)		1500	Ξ		2000) :I		2000			2000
PIPE LINE F		AND/C	R 85		_									STOCK ADD: P						T			708.00 375.80
DAY TICKE	BER	Tank			ening IN		Clo:	sing IN			Gross BBLS			ADD PI									
9 0 10 0		6885 6885		0		0 0	0	-			0.0			(lines	2&3	of 1	ast pre	evio	ıs r	eport)			387.72
11 0 12 141	£14 2		55	14	5.2		3	2.5	,		0.00 375.8	0		TOTAL LESS:	STOCK	BEG	SINNING	OF I	ONT	H			1471.52 417.96
13 0 14 0 15 0	0	6885 6885 6885	54)	0 0 0	0 0 0	ď)		0.0	0	6	PRODUC	TION	THIS	HONTH	TO 1	DATE				1053.56
16 0	0	6885	55	()	0	0	()		0.0	0											
TOTAL GAS TOTAL ACCU					10NTH:			14000 28260									IS EIGHT			MONTH:			0

REMARKS: BLED WATER OFF TANK 1/10/97, SHUT IN 6 HRS 1/16/97

SIGNATURE:

TRANSGLOBE OIL & GAS CORP Eight Day Gauge & Production Report

LEA COUNTY, NE DATE JAN 2	EW MEXIC 2	O Date Jan		FEDER Date Jan	AL 30-1 4	FR: Dati Jan	Ē		TO: Date Jan		JAN	1997 Date Jan	7		DAT JAN			DAT JAN		
	N BLS	FT	IN BRLS	FT I	N BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS
68854 11	3 377.71	11	5 383.28	3 13	5 450.2	2 13	5	450.22	13	5	450.22	7	8	257.79	1	10	61.49	1	10	61.49
68855 3	5 115.55		5 115.59		5 115.5		8	190.85		11	266.15		2	341.45		5	416.75		8	492.05
STOCK Plus runs	493.26	1	498.8	I)	565.7	7 0		641.07			716.37			599.24 193.82			478.24 193.90			553.54
TOTAL Less Stock	493.26		498.8		565.7			641.07			716.37			793.06			672.14			553.54
YESTERDAY	417.96		493.2		498.8			565.77			641.07			716.37			599.24			478.24
DAILY PROD.	75.30)	5.5	3	66.9	3		75.30			75.30			76.69			72.91			75.30
GAS	1950		47		208			1925			1950			1950			1950			1975
WATER	()		0 ==		0			0			()			0			0
FTP	1800		250		170	0		1800			1800			1750			1750			1700
PIPE LINE RUN		RS&₩	DRAW OF	F							STOCK	AT END		THIS R UNS THI	EPOR					553.5 4 387.72
TICKET Day number	Tank		pening T IN	C] F	osing IN			Gross BBLS		3	ADD PI	PE LIN	IE R	UNS THI	S MC	HTH				
	0 68855 0 6885		-	0 0	-	0 0		0.00			(lines	2&3 0	f l	ast pre	viou	is r	eport)			0.00
	0 68855 0 68855			0 0		0 0		0.00 0.00			TOTAL LESS:	STOCK	BEG	INNING	OF N	IONT	H			941.26 417.96
5 0 6 125 378	0 6885 6 6885		0 13 5.7	0 5	0 7 8.2	0 5		0.00 193.82						MONTH						523.30
7 100 4 78 8 0	5 6885 0 6885		7 8.2 0	5 0	1 10.7 0	_		193.90 0.00												
TOTAL GAS THI TOTAL ACCUMUL					1426 1426									S EIGHT ED WATE			MONTH:			0

REMARKS: FROZE UP 1/3/97

SIGNATURE:

	D D	NTY, ATE EC	NEW 26		0	ATE	Ξ		DAT	Έ	. 30-1	DAT	Ε			DATE	-	JAN	1997 DATE DEC		l		JAN	1		
TANK NO.		FT	IN	BLS	F	T	IN	BRLS	FT	IN	BRLS	FT	IN	BRL	S	FT	IN	BRLS	FT	I	1 8R	LS	FT	IN	BRLS	
6885	4	9	1	305.2	0	3	11	132.29	3	11	132.29	3	11	132.	2 9	4	3	143.44	6	. 1	3 2 24	. 32	9	0	302.41	
6885	5	15	3	511.5		5	3	511.57			511.57		5	316.			5	115.55			115			5	115.55	
STOC PLUS				816.7	7			643.86			643.86			448.	64			259.00			339	.87			417.96	
PLUS	ΚU	cno						174.34	_		0.00	_		173.	74			201.47	_				_		0.00	
TOTA LESS	ST	OCK		816.7	7			838.38			643.86			644.	55										417.96	
YEST	ERD	ΑY		730.3	1			816.77	_		643.86			643.	86			448.64			259	.00	_		339.87	
DAIL	ΥP	ROD.		86.4	5			21.61						0.	70			11.85			80	. 88			78.09	
GA S								360				•													1975	
Q11Q				:::::														::::::								
WATE	R				0						0				0			0				())		0	
				:::::				======	=		=====	:		====	:::	:		:::::	:		:::	:::	Ξ		::::::	
FTP				170	0			1700			3100			33	00										1800	
					==			::::::	=		::::::	=		====	:::	:										
				(-			_																			417.96
	. LI	NE F	LUNS	AND/O	IK I	854	Upe	ning		61.							2	ADD: P	IPELI	INE	RUNS	THE	S RE	POR	T	591.9 3
DAY	ı	TUKE	;l	Tank	ш	1	upei	ning		Ç10:	SING			BBLS	SS		7	ADD BY	מר ני		011110	T111	0 40			
2	ς.	NORE	אבת ה	6885	.# .\$		rı M	114 0		ΓI	sing IN O			0.) ስሰ		3	ADD PI	26 Li 283	of	lact	III.	o nu	nin e r	anortl	1812.84
		•	•	6885			•	4.75		•	7			194.				(111165	7 00 7	U I	1921	ht p	ATUL	13	choi rì	1012.04
				6885				0		0	0			0.			4	TOTAL								2822.73
				6885			15				5.5			195.					STOCE	(8E	GINNI	NG	OF M	IONT	Н	
				6885				5.5			5.25			201.					• •					2		
				6885				0		0	0	i		0.	.00		6	PRODUC	TION	THI	S MON	TH	TO C	ATE		2145.41
3	1	0	0	6885	5		0	0)	0	0	l		0.	.00											
TOTA	L E	AS 1	HIS	EIGKI	Di	AYS	:				6795	,						TOTAL	WATER	R TH	IS EI	GHT	DAY	'S:		0
TOTA	L A	ACCU	(ULA	TED GA	S	THI	S M	ONTH:			6795 5 4 785	,						TOTAL	ACCU	IULA	TED #	ATE	R TI	IIS	MONTH:	0

REMARKS: ICE BLOCK 12/27, LIQUID IN SCRUBBER 12/29-30/96

SIGNATURE:

TRANSGLOBE OIL & GAS CORP Eight Day Gauge & Production Report

DEC 18	MADERA FEDERAL PATE DATE DEC 19 DEC 20	30-1 FR: 17 DEC DATE DEC 21	TO: 25 DEC 1996 DATE DATE DEC 22 DEC		DATE DEC 25
TANK NO. FT IN BLS	T IN BRLS FT IN	BRLS FT IN BRLS	FT IN BRLS FT	IN BRLS FT IN BRLS	FT IN BRLS
68854 9 11 333.08	12 3 411.17 14 6	486.47 14 6 486.47	14 6 486.47 1	4 6 486.47 14 6 486.47	9 1 305.20
68855 13 5 450.22	· ·	450.22 3 5 115.55		B 0 268.94 10 4 347.03	
STOCK 783.30 PLUS RUNS 0.00	861.39 0.00	936.69 602.02 0.00 384.24	0.00	755.41 833.50 0.00 0.00	180.58
TOTAL 783.30		936.69 986.26		755.41 833.50	910.89
LESS STOCK YESTERDAY 705.21	,	861.39 936.69		680.11 755.41	
DAILY PROD. 78.09	78.09	75.30 49.58	78.09	75.30 78.09	
GAS 2020	1980	1980 1990		2000 1950	
WATER 0	0	0 (0 (0 ::::::::
FTP 1800	1800	1800 1800		1800 1800	
PIPE LINE RUNS AND/OR	BS&Opening			IND OF THIS REPORT LINE RUNS THIS REPORT	730.31 564.81
DAY TICKET		sing Gross			
NUMBER Tank# 17 0 0 68854	FT IN FT 0 0 0	•) (lines 2&3	INE RUNS THIS MONTH S of last previous report)	1248.03
18 0 0 68854 19 0 0 68854 20 742 &743 68855	0 0 0 0 0 0 13 4.75 1	0 0.0	0 4 TOTAL	CK BEGINNING OF MONTH	2543.15 677.32
21 0 0 1	0 0 0	0 0.0	0	N THIS MONTH TO DATE	1865.83
22 0 0 1 23 0 0 68855 24 133 7743 68854	0 0 0	0 0.0	0	n 11120 HONTH TO SHIP	1000.00
TOTAL GAS THIS EIGHT TOTAL ACCUMULATED GAS	DAYS:	15905 47990	TOTAL WAT	ER THIS EIGHT DAYS: UMULATED WATER THIS MONTH:	0 0

REMARKS:

SIGNATURE .

LEA COUN DA DE Tank	ATE	NEW 10	MEXIC	DAT Dec	E	MADERA	FED DAT DEC	E	30-1	FR: DATI DEC	E			TO: Date Dec		DEC	1996 DATE DEC	15		DAT	TE 0 16		DAT DEC		
	FŢ	IN	BLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRL	S	FT	IN	BRLS	FT	IN	BRLS	FT	IN	BRLS	FT	IN	8RLS
68854 1	13	10	464.16	14	6	486.47	14	6	486.47	14	6	486.	47	14	6	486.47	8	9	294.04	5	3	176.91	7	7	255.00
68855	2	7	86.65		10	129.50		0	202.01		4	280.			8	358.18		1	439.06		5	450.22		5	450.22
STOCK PLUS RUN	NS		550.81			615.97			688.48			766. 0.	57 00			844.65			733.10) 		627.12			705.21
TOTAL LESS STO	nck		550.81			615.97			688.48			766.				844.65			924.14			823.04			705.21
YESTERDA			472.72			550.81			615.97			688.				766.57			844.65			733.10			627.12
DAILY PR	ROD.		78.09			65.16			72.51			78.	09			78.09			79.48	}		89.94			78.09
GAS			2075			2000			2075				25			2025			2000)		2000			1990
WATER			0			0			0	ı			0			0			C)		0			0
FTP			2000			1800			1800	1		18	300			1800			1800)		1800			1800
					_		=			:		====		•		STOCK	AT EN			REPOI		_	:		705.21
PIPE LIN	NE R ICKE		AND/OF			ning ning		C) 04	sing			Gros			2	ADD: P	IPELI	NE A	UNS TH	IS R	EPOR	T			386.95
I	NUMB 0	ER	Tank# 68854			IN		FT 0	IN 0	١		BBLS	3		3	ADD PI (lines						eport)			861.08
10	0		68855		0	•		0	0				.00			TOTAL									1057.04
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REMARKS:

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(7/19 contd) T

7/20/94

Tag top of Schl tools at 12513. Drive down on tools and move same 2' down. Made multiple runs w/ 2.12" redressed blind box. Jarred down on tools. Unable to move same any further. Released, rigged down, and moved out slickline unit and related equipment.

Prep to run potential test on well tomorrow AM.

7/21/94 Completed 4 point potential test. Resumed flowing well into pipeline. SI

late PM due to pipeline company electronic sales meter malfunciton.

7/22/94 Pipeline company replaced meter parts. Resumed producing well at 7 PM

into pipeline.

7/23/94 FTP 8500 psig thru 6/64" chk.

Gas Rate: 1000 mcfpd

12 hr prod.: 50 BO & 500 mcf

7/24/94 FTP 6450 psig thru 8/64" + chk.

Gas Rate: 2200 mcfpd

23 hr prod.: 90 BO & 1900 mcf

Repair line heater adjustable choke setting mechanism in PM and returned

well to production thru 10/64" choke.

7/25/94 FTP 5500 psig thru 10/64" chk.

Gas Rate: 3000 mcfpd

23 hr prod.: 86 BO

2200 mcf

7/26/94 FTP 4400 psig thru 10/64" chk.

Gas Rate: 2900 mcfpd

24 hr prod.: 93 BO

2600

2600 mcf

7/27/94 FTP 3400 psig thru 10/64" chk.

Gas Rate: 2800 mcfpd

24 hr prod.: 78 BO & 2700 mcf

7/28/94 FTP 3500 psig thru 10/64" chk.

Gas Rate: 2600 mcfpd

24 hr prod.: 91 BO & 2600 mcf

7/29/94 FTP 3700 psig thru 10/64" chk.

Gas Rate: 2650 mcfpd

24 hr prod.: 92 BO & 2600 mcf

7/12/94

Installed new seals in lubricator and pressure tested same. Did not hold 9800 psig well pressure. RD lubricator, waited on replacement lubricator to arrive, installed and pressure tested same. Held okay. RIH w/ 1.625" impression block to top of tools in tail pipe at 12580'±. Made multiple runs w/ bailer to clean top of tools. SD due to darkness and SDON.

7/13/94

Ran 2.122 impression block. Could not get through R nipple @ 12488. POOH. Block appeared to show indication of wire in nipple. RIH w/bailer and grapple to attempt retrieval of wire. Made multiple runs. Wireline jars separated. Made two additional runs to recover jars and bailer. SDON.

7/14/94

Prep to run impression block again this AM. Run impression block to 12578'. Made multiple runs with grapples and bailer to clean out all debris in tbg down to 12580'. Last run was with 2.122" broach to 12580'. RD, released, and moved out slickline unit and all related equipment. SDON. SITP remained at 9800 psig.

7/15/94

Moving in electric wireline unit and associated equipment this AM.

7/16/94

Moved in crane and rigged up Schl. 15000 psig lubricator. PU 1 11/16" radial cutting torch, collar locator, & sinker bars, and TIH w/ same on Schl. wireline. Tied in w/ collar locator and positioned cutter at 12574' (below R nipple at 12572'). Fired cutter and then tagged top of tools in tailpipe at 12577'. POOH. Cutter had fired. PU 2" radial cutting torch and TIH w/ same. Positioned and fired second cutter at 12574'. Could not pull cutter free. Worked wireline to free same and then pulled out of rope socket on top of sinker bars. POOH and recovered 100% of wireline. Left sinker bars, collar locator, and cutter in hole. SWI and SDON due to darkness.

7/17/94

RD & MO all Schl. equipment.

7/18/94

MI & RU Otis slickline unit this AM to TIH and check PBTD.

SITP 9800 psig. Installed lubricator and tested same. PU 1.75" OD blind box, jars, and sinker bars. TIH w/ same. Tag top of Schl. tools @ 12513'. PU and pulled tight. POOH. Blind box scored on one side of exterior. PU 1.80" OD impression block, and TIH. Tag top of tools and POOH. Impression block indicated entry beside top of tools. PU 2.12" OD bailer bottom, and TIH. Tag top of tools and POOH. Score marks on bailer bottom indicated bailer went over top of tools in tbg. SWI and SDON to build 2.12" blind box.

7/19/94

TIH this AM w/2.12" blind box and jarring assembly.

7/4/94

At 9 AM:

FTP: 3500 psig

Prod.:

-0- BW

35 BC

1300 mcf

7/5/94

At 8 AM:

FTP: 3000 psig

Prod.:

-0-BW

41 BC

Gas Rate:

1340 mcfpd

7/6/94

Continued flowing well thru 10/64" choke. FTP declined overnight to line pressure. Prod. 30 BC and 1050 mcf gas. SWI this AM. Prep to rig up wireline and run gauge ring.

7/7/94

MI & RU Computalog wireline unit. RU lubricator and grease injector equipment. SITP 2000 psig. RIH w/ gauge ring, junk basket, & sinker bars to 22 feet. Could not get deeper. POOH and found indications of ice plug (hydrates) in tbg. RBIH w/ wireline and sinker bars. Attempted to spud through plug. POOH and filled tree w/ anti freeze. Attempted to spud through plug again with no success. Arranged for pump truck and methanol to remove ice plug. RD lubricator. SWI and SDON.

7/8/94

RU pump truck. Pumped methanol into wellhead and tbg. Pressured up and surged several times to release ice plug. SITP increased immediately to 9800 psig w/ ice plug removed. RU lubricator. PU 2 1/16" gauge ring, junk basket, and jars on wireline. TIH w/same to 12512' and set down on restriction in tbg. Made several passes with collar log to confirm plug back depth in tbg. Could not work wireline tools deeper than 12512'. POOH w/wireline tools. Release and move out pump truck and wireline unit. Left well shut in.

7/9/94

Waiting on Otis slickline unit.

7/10/94

Waiting on Otis slickline unit.

7/11/94

MI & RU Otis slickline unit. SITP 9800 psig. Installed lubricator and tested same w/ well pressure. Could not get conventional seals to hold in line packoff. Changed seals and re tested three times. SDON to obtain teflon seals.

6/28/94

At 6:30 AM:

SITP = 7000 psig

22 hr Prod.: - 0 - BW

33 BC

1673 mcf

Note: Line heater burner went out and line from well to heater froze and

shut well in. Re-fired heater. At 7 AM SITP had increased to 8000

psig. Returned well to producing status.

6/29/94

At 7:30 AM:

SITP = 9600 psig

18 hr Prod.: 1212 mcf

Note: Dump valve on separator stuck open and shut well in at safety

valve on wing of tree. Checked and adjusted same and returned

well to production.

6/30/94

At 7:00 AM well flowing as follows:

FTP: 4800 psig

24 hr Prod.: - 0 - BW

69 BC

Gas Rate:

1630 mcfpd

MI & RU Computalog wireline unit. SWI and RU lubricator and grease injector equipment. PU 2 1/16" gauge ring, junk basket, & sinker bars. RIH w/ same on wireline to 10073'. Grease injector line to lubricator failed at connection. POOH w/ wireline tools and RD Computalog. Returned well to production at 7 PM. SITP was 9900 psig.

7/1/94

At 7:30 AM well flowing as follows:

FTP: 5700 psig

15 hr Prod.: - 0 - BW and 52 BC

Gas Rate:

1800 mcfpd

7/2/94

At 9:00 AM well flowing as follows:

FTP: 6000 psig (choke partially plugged)

24 hr. Prod.: -0- BW

12 BC

1300 mcf

Rocked choke to bypass plug and gas rate returned to 1800 mcfpd.

7/3/94

At 9 AM:

FTP: 4500 psig

Prod.:

-0-BW

66 BC

1300 mcf

6/22/94

At 7:30 AM well flowing as follows:

FTP: 5100 psig (Choke partially plugged)

24 hr. Prod:

13 BW 41 BC

Gas Rate:

1431 mcfpd

Note: Rocked choke to bypass plugging material and FTP stabilized at

3500 psig.

6/23/94

At 7:30 AM well flowing as follows:

FTP: 6000 psig (choke partially plugged)

24 hr Prod:

10 BW

40 BC

Gas Rate:

1315 mcfpd

Note: Rocked choke to bypass plug and FTP stabilized at 4000 psig.

6/24/94

At 7:30 AM well flowing as follows:

FTP: 5500 psig (choke partially plugged)

24 hr Prod:

- 0 - BW 46 BC

Gas Rate:

1221 mcfpd

Note: Inc. adj chk. at sfc. to 12/64".

6/25/94

At 7:30 AM well flowing as follows:

FTP: 3800 psig

24 hr Prod.: -0-BW

62 BC

Gas Rate:

1325 mcfpd

Note: Inc. adj. chk. to 14/64".

6/26/94

At 7:30AM well flowing as follows:

FTP: 3400 psig

- 0 - BW 24 hr prod.:

104 BC

Gas Rate:

1532 mcfpd

6/27/94

At 7:30 AM well flowing as follows:

FTP: 3000 psig

24 hr Prod.: - 0 - BW

77 BC

Gas Rate:

1673 mcfpd

6/16

MI & RU pulling unit. Blew down remaining pressure on tbg from 700 psig to 0. Filled tbg w/ 55 bbls 10 ppg clean brine water. Set BPV in tbg. hanger mandrel. Unbolted adapter flange from top of tubing head and picked np tree and tbg to set slips below mandrel on tbg. Removed adapter flange from hanger mandrel. Replaced both O-ring seals on mandrel, and both test port check valves on adapter flange. Checked and cleaned mandrel. Reinstalled adapter flange, with new ring gasket, and bolted same to top of tubing head. Pressure tested above wrap-around hanger to 7600 psig, and tested seals on hanger mandrel to 4000 psig. Removed BPV and rigged down lubricator. RD & MO pulling unit. MI & RU Otis slickline unit and mast. SDON.

ECTD: \$2,729,720

6/17

TIH w/ wireline tools on slickline to equalizing prong in plug body at 12572'. Pressured tbg to 3500 psig sfc pressure. Pulled equalizing prong from plug body and sfc pressure increased to 5500 psig. TBIH w/ wireline tools on slickline. Pulled plug body from "R" nipple at 12572', and POOH w/ same. TBIH w/ wireline tools on slickline and recovered cutter bar left in hole on 6/2/94. Released, RD, and MO Otis slickline unit and mast. MI & RU Apollo Wireline unit and mast. PU Kuykendall inside tbg cutter. Grease injector line to lubricator failed. Released, RD & MO Apollo Wireline unit. SWI and SDON.

ECTD: \$2,737,220

6/18

MI & RU Hal. wireline unit and mast. PU Kuykendall inside tbg cutter. RIH w/same to cut 2 7/8" tbg @ 12575' (below "R" nipple @ 12572'). POOH and found that cap had not fired to ignite cutter. TBIH w/ cutter. Could not get below 12504'. POOH and RD wireline unit and mast. SWI & SDON.

ECTD: \$2,743,720

6/19

ONSITP = 6300 psig

Opened well thru 4/64" choke @ 9:47 AM. Turned into sales line @ 9:52 AM for further testing of well. Shut in to repair line leak @ 10:18 AM. Re-opened to sales line @ 10:58 AM. Unloaded brine water from tbg and continued to flow well thru 8/64" + choke to sales line.

6/20

At 8 AM well flowing as follows: FTP = 4300 psig Cond. Rate = 3 BPH Gas Rate = 1.4 mmcfpd. At 4 PM flowing conditions remained same.

6/21

At 6 AM well flowing as follows:

FTP 3000 psig

Cond.: 3 BPH (78.5 last 24 hrs.)

Gas: 1.4 mmcfpd



5/31/94

Well shut in for BHP buildup survey. Surface SITP @ 5 PM 5/31/94 = 9800 psig.

ECTD: \$2,678,220

6/1/94

Leak developed from check valve on adapter flange section of tree. Rigged up and ran BPV to seal in top of tbg hanger. BPV would not hold pressure from below. Injected methanol into tree, and retrieved BPV. Rigged up wireline truck and retrieved BHP bombs. Ran Otis "R" plug body and set same in Otis "R" nipple at 12604'. Could not release from same with wireline. SDON.

ECTD: \$2,693,220

6/2/94

Jarred on plug 4 hours, and could not release from same with wireline. Installed adj. choke and opened well to flow thru testing equipment for 5 min. Jarred on plug for one hour to release wireline with no success. Dropped cutter bar and cut line at top of plug setting tool. POOH. PU replacement Otis "R" plug body. TIH w/ same to set in "R" nipple at 12572'. POOH w/ plug body. Didnot release in "R" nipple. Reran plug body and set same in "R" nipple at 12572'. POOH. Ran equalizing prong and set same in plug body at 12572'. POOH w/ setting tool and RD wireline unit, lubricator, and crane. Blew down pressure from tbg. thru well testing equipment. SWI and SDON. Released and moved out various services.

NOTE: BHP buildup survey results show that formation pressure from perforated interval reached near stabilization in first three hours after shut in following flow period, and achieved complete stabilization ten hours after shut in period commenced. Max. press. recorded at datum of 12471' (bomb depth in "R" nipple) was 11839 psig. Pressure extrapolated to mid perf datum of 15109' was 12044 psig using gradient of 0.078 to mid perf datum. Analysis of buildup is underway to calculate indicated kh and skin values.

ECTD: \$2,717,220



KUYKE ALL BOTTOM HOLE PRESSURE, IN P.O. BOX 2043 MIDLAND, TEXAS 78702 915/563-5231 REFE

FIELD TICKET

REFER TO INVOICE NO

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KUYKEN

P.O. BOX 2043
MIDLAND, TEXAS 78702
916/563-5231
REFE

REFER TO INVOICE NO.

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No-Cw

William R. Locklear, Inc.

Consulting Petroleum Engineer

17104 BLANCO ROAD SAN ANTONIO, TEXAS 78232-1916

July 26, 1997

Mr. William J. Lemay New Mexico Energy, Minerals & Natural Resources Department Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

In re: Annual Gas Well Shut-in Pressure Tests, 1997 Transglobe Oil and Gas Corporation Madera Federal 30 Well No. 1 30-26S-34E 30-25-32390 Lea County, New Mexico

Dear Mr. Lemay,

Transglobe Oil and Gas Corporation would like to request an exemption for the above referenced well for the annual gas well shutin pressure test for the year 1997 and the years thereafter.

Madera Federal 30 Well No. 1 makes a lot of paraffin and in addition there is wireline junk located in the tubing above the packer. Extime that this well is shutin for a limited number of hours by an equipment failure, we experience a loss in flowing tubing pressure and flow rate. It takes several months for the tubing pressure and flow rate to increase to near pre-shutin levels. The tubing pressure and flow rate loss may or may not be a result of paraffin packing in the tubing.

We respectfully request that this well be exempted from the 1997 and subsequent annual gas well shutin pressure tests.

Very truly yours,

William R. Locklear, PE Consulting Engineer to

Transglobe Oil and Gas Corporation

William R. Tocklear