

CURTIS J. LITTLE

OIL AND GAS

TELEPHONE (505) 327-6176
PETROLEUM PLAZA SUITE 175
POST OFFICE BOX 1258
FARMINGTON, NEW MEXICO 87499

April 23, 1984

Joe D. Ramey, Secretary
Energy and Minerals Department
Oil Conservation Commission
P.O. Box 2088
Santa Fe, NM 87501

Handwritten signature → Re: #2E Federal Com.
Sec. 11-T28N-R13W
San Juan County, New Mexico

Dear Mr. Ramey:

Enclosed is a copy of our application on the above mentioned well for "Classification As Hardship Gas Well". I certify that all information submitted herein is true and correct to the best of my knowledge. I further certify that all offset operators have been mailed a complete copy of the application on this date.

Very truly yours,

Handwritten signature of Curtis J. Little
CURTIS J. LITTLE

CJL/kjt
Encls.

cc: Frank Chavez - Aztec Office OCC
cc: Amoco - Farmington
cc: Southland Royalty - Farmington
cc: Texaco - Denver

BEFORE EXAMINER, OREGON	
OCCASION: REGISTRATION	
LITTLE	EXHIBIT NO. 1
CASE NO.	8217

RECEIVED
APR 24 1984
OIL CON. DIV.
DIST. 3

COPY

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

Operator Curtis J. Little Contact Party Curtis J. Little
Address P.O. Box 1258, Farmington, NM 87499 Phone No. 505/327-6176
Lease Federal Com Well No. 2E UT N Sec. 11 TWP 28N RGE 13W
Pool Name Basin Dakota Minimum Rate Requested 88 MCF
Transporter Name El Paso Natural Gas Co. Purchaser (if different) _____

Are you seeking emergency "hardship" classification for this well? X yes _____ no

Applicant must provide the following information to support his contention that the subject well qualifies as a hardship gas well.

Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)

2) Document that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.

- a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
- b) Mechanical condition of the well (provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:
 - i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc.

Present historical data which demonstrates conditions that can lead to waste. Such data should include:

- a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
 - b) Frequency of swabbing required after the well is shut-in or curtailed.
 - c) Length of time swabbing is required to return well to production after being shut-in.
 - d) Actual cost figures showing inability to continue operations without special relief
- 4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost
- 5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by:
- a) Minimum flow or "log off" test; and/or
 - b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).
- 6) Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.
- 7) Submit any other appropriate data which will support the need for a hardship classification.
- 8) If the well is in a prorated pool, please show its current under- or over-produced status.
- 9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

1) Definition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

- 2) The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.
- 3) The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.
- 4) If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.
- 5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.
- 6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.
- 7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.
- 8) An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.
- 9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.
- 10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.
- 11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.

SUPPLEMNT TO APPLICATION FOR
CLASSIFICATION AS HARDSHIP GAS WELL

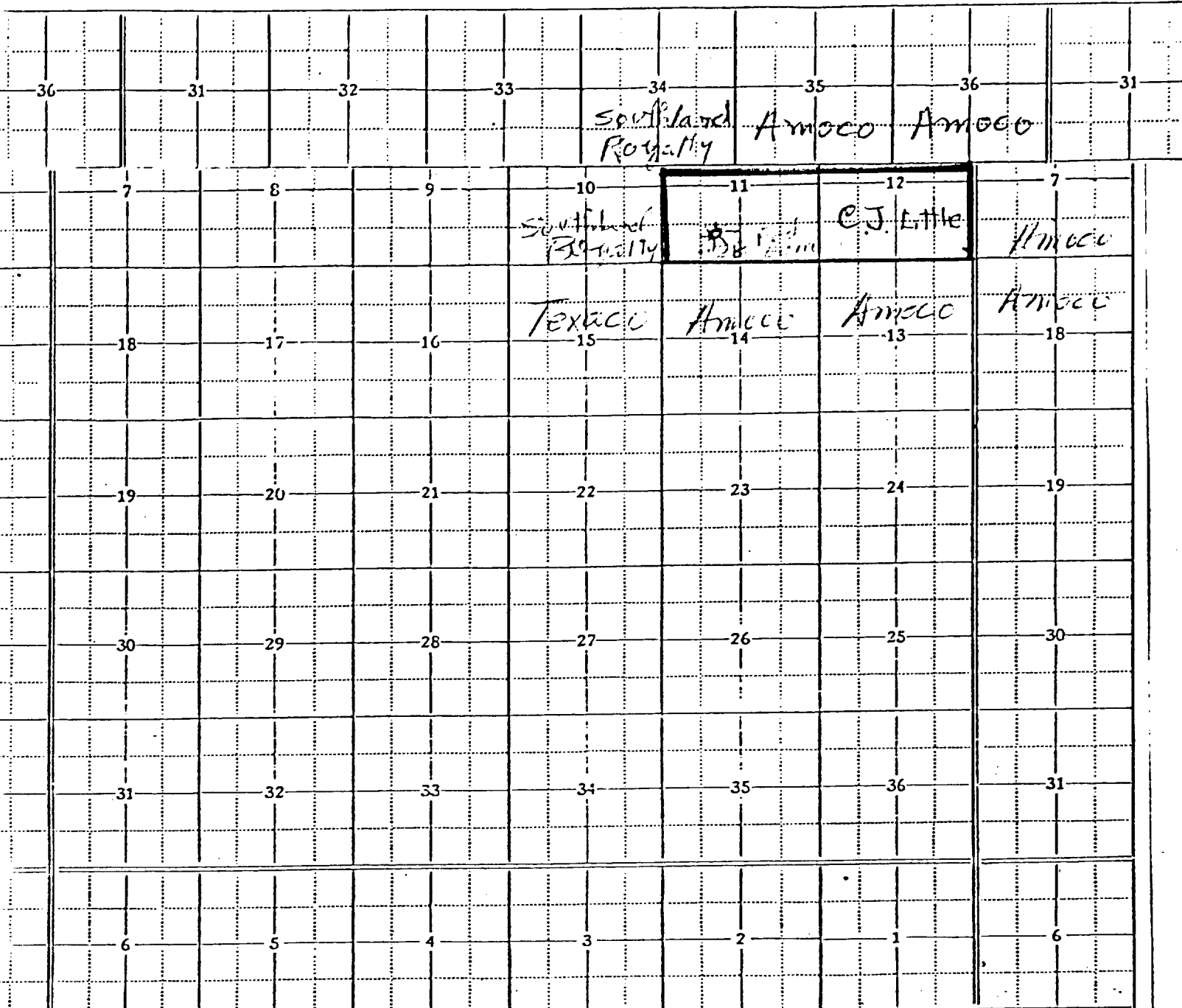
CURTIS J. LITTLE
FEDERAL COMM. NO. 2-E
UNIT N, SECTION 11-T28N-R13W
SAN JUAN COUNTY, NEW MEXICO

- (1) THE WELL IS CURRENTLY PRODUCING WATER IN SUFFICIENT QUANTITIES THAT AFFECTS THE GAS PRODUCING CONDITIONS. ANY EXTENDED SHUT-IN PERIOD AT THIS TIME WILL IN ALL PROBABILITY WILL AFFECT THE VOLUME OF GAS THE COULD ULTIMATELY BE RECOVERED FROM THE WELL OR RESERVOIR.
- (2) (A) THE PRODUCTION DATA AND THE PRODUCTION DECLINE CURVE REFLECT THE ACTUAL GAS PRODUCTION. THE PRODUCING DAYS INDICATED ARE CALENDER DAYS AND DO NOT REFLECT THE USE OF AN INTERMITTER, STOP COCK TYPE OPERATION, WHICH ACTUALLY SHUTS IN THE WELL FOR THREE (3) HOURS OUT OF EVERY FOUR (4) HOURS. THIS WILL EQUATE TO AN ACTUAL PRODUCING PERIOD OF SIX (6) HOURS PER DAY.
- (B) THE WELL IS COMPLETED WITH 1-1/2" O. D. TUBING AND HAS A PLUNGER INSTALLED TO GIVE ADDITIONAL HELP TO REMOVE PRODUCED WATER DURING THE SHORT, SIX HOURS (6), FLOW PERIODS PER DAY.
- INSTALLATION OF A PUMPING UNIT HAS BEEN CONSIDERED AND DECLINED DO TO THE ESTIMATED COST OF \$50,000 BEING IN EXCESS OF THE CURRENT METHOD OF REMOVING THE WATER.
- (3) (A) AFTER THE TWO SHUT-IN PERIODS DURING 1982 AND 1983 THERE DOES NOT SEEM TO BE AN AFFECT ON THE PRODUCING RATE OF THE WELL. HOWEVER THE SHUT-IN PERIODS ARE IN THE EARLY LIFE OF THE WELL AND THE RESERVOIR WAS ABLE TO OVERCOME ANY DAMAGE DUE TO WATER INTRUSION. AS THE WELL PRODUCES ADDITIONAL QUANTITIES OF GAS THE RESERVOIR PRESSURE WILL DECLINE AND THE WELL WILL NOT BE ABLE TO OVERCOME THE DAMAGE DUE TO WATER INTRUSION.
- (B) THE WELL HAS NOT BEEN SWABBED DUE THE DIFFICULTY IN SWABBING THRU THE SMALL DIAMETER TUBING. IT HAS BEEN NECESSARY TO UNLOAD THE WELL THREE TIMES WITH NITROGEN(AT A TOTAL COST OF APPROXIMATELY \$6,000 TO \$8,000).
- (C) THE LOGGING OFF OF THE WELL OCCURED DURING PRODUCING PERIODS IN WHICH THE GATHERING LINE PRESSURE SEEM TO HAVE AN AFFECT WHEN THE LINE PRESSURE INCREASED.

- (D) DUE TO DECREASING RESERVOIR PRESSURE IT IS ESTIMATED THAT AN EXPENDITURE OF \$5,000 TO \$10,000 PER YEAR COULD POSSIBLY HAVE TO BE MADE TO MAINTAIN THE WELL IN A PRODUCING CONDITION.
- (4) FAILURE TO OBTAIN A HARDSHIP GAS WELL CLASSIFICATION COULD RESULT IN AN ESTIMATED 80,000 MCF LOSS OF RECOVERABLE RESERVES. (REFER TO CASH FLOW ANALYSIS)
- (5) (A) THE ACTUAL MINIMUM SUSTAINABLE PRODUCING RATE COULD NOT BE OBTAINED. (REFER TO LETTER FROM FRANK CHAVEZ, DISTRICT SUPERVISOR, NMOCD, AZTEC, NEW MEXICO.)
 - (B) DOCUMENTATION OF WELL PRODUCTION HISTORY (REFER TO EXHIBITS).
- (6) PRORATION UNIT AND OFFSETTING OWNERS (REFER TO ORIGINAL APPLICATION AND/OR EXHIBITS)
- (7) NONE
- (8) CURRENT UNDER- OR OVER PRODUCED STATUS (REFER TO COPY OF PAGE FROM NOVEMBER, 1984 GAS PRORATION SCHEDULE)

344,284

Township 28N Range 13E County, State of Okla. Tulsa



Island Township Plat - Scale 1-inch to 1-mile - In stock and for Sale by THE OLDS PRESS Tulsa, Oklahoma - Printed in U.S.A.

Transporter: El Paso Natural Gas

RECEIVED
DATE 2
OFF. NO. 8217

RECEIVED

APR 24 1984
OIL CON. DIV.
DIST. 3

BASIN DAKOTA (PRORATED GAS)									
DESCRIPTION	STAT	AF	SEP	ANT	ANT	SEP	CURTAIL	NOV	AGRE-
	US		PROD	CANCEL	REDIST	DU	AFTER	ALLC	DELIV
1101026N 7M (MMU)			1363						50
1101026N 7M (MMU)			3748						209
P. U. SUMMARY	N	1.00	7111						309
1101026N 7M (MMU)			1447						62
P. U. SUMMARY	N	.91	25452-						
*****			1447						62
*****			2912-						99
*****			10079						70
*****			52986-						169
*****			2616						183
*****			755						43
*****			2443						100
*****			946						137
*****			3389						329
*****			923						101
*****			1869						174
*****			2792						73
*****			550						153
*****			815						223
*****			2789						44
*****			8529						197
*****			11318						343
*****			4829						540
*****			7549						193
*****			625						283
*****			1854						40
*****			1411						68
*****			808						47
*****			1419						17
*****			2019						51
*****			4203						117
*****			2892						108
*****			731						115
*****			3623						52
*****			1764						187
*****			4404						80
*****			4228						87
*****			1540						192
*****			2108						159
*****			4104						251
*****			787						20
*****			681						18
*****			2142						85
*****			2300						84
*****			1240						49
*****			1091						56
*****			512						56
*****			4187-						
*****			936-						
*****			408						58
*****			969						75
*****			1812						187
*****			4480						204
*****			3188						204
*****			8208						204
*****			22985-						204
*****			9147						204
*****			184						6
*****			31						497
*****			4244						8036
*****			1453						2022
*****			7222-						2022
*****			834						2022
*****			891						2022

overproduced
2912-
10079
4987 to 1984
under produced
764-

BASIN DAKOTA (PRORATED GAS)									
DESCRIPTION	STAT	AF	SEP	ANT	ANT	SEP	CURTAIL	NOV	AGRE-
	US		PROD	CANCEL	REDIST	DU	AFTER	ALLC	DELIV
39208N11M (MMU)			7110						346
39208N11M (MMU)			7498						280
P. U. SUMMARY	N	1.00	14652						626
*****			399						69
*****			7111						392
*****			2769						127
*****			9880						519
*****			30390-						
*****			61						46
*****			1892						63
*****			2879						193
*****			3237						193
*****			5206						401
*****			2258						476
*****			13793						476
*****			13993						476
*****			4207						476
*****			3706						476
*****			3985						476
*****			6051						476
*****			105						476
*****			427						476
*****			3086						476
*****			270						476
*****			741						476
*****			5697-						476
*****			938						476
*****			1789						476
*****			4389						476
*****			8397						476
*****			8353						476
*****			29752-						476
*****			3838-						476
*****			3217						476
*****			701						476
*****			1694						476
*****			2395						476
*****			559						476
*****			438						476
*****			1501						476
*****			2668						476
*****			637						476
*****			3033-						476
*****			1643						476
*****			1312						476
*****			3015						476
*****			7590-						476
*****			3437						476
*****			1812						476
*****			3442						476
*****			2050						476
*****			5472						476
*****			222						476
*****			8910						476
*****			8817						476
*****			2062						476
*****			3603						476
*****			962						476
*****			54623-						476
*****			41954-						476
*****			11151						476
*****			222						476
*****			2002						476
*****			3603						476
*****			562						476
*****			3637						476
*****			4599						476
*****			8036						476
*****			12137-						476
*****			2022						476
*****			4776						476
*****			9828						476
*****			21462-						476
*****			13647						476

BASIN DAKOTA

FIELD

WALSH
ENGINEERING & PRODUCTION
CORPORATION

Curtis J. Little

OPERATOR

2-E

WELL NO.

Federal Comm.

LEASE

COUNTY
SEC 11 TWP 28N RGE 13W

PRODUCTION DATA

SPUDDING DATE	COMPLETION OR RECOM- PLETION DATE	TOTAL DEPTH	EFFECTIVE DEPTH	W. S. O.	PERFORATED INTERVAL		CUMULATIVE PRODUCTION		MONTHS PRODUCED	ZONE
					FROM	TO	NET OIL BBLs.	FORM GAS M.C.F.		

YEAR 84

MONTH	STA- TUS	DAYS PROD.	ALLOW- ABLE	TOTAL WATER & BS & W BARRELS		DLY. AVG.	NET OIL PRODUCTION BARRELS		DLY. AVG.	FORMATION GAS PRODUCTION M.C.F.		DLY. AVG.	GAS - OIL RATIO CU. FT./BBL.
				MONTHLY	CUMULATIVE		MONTHLY	CUMULATIVE		MONTHLY	CUMULATIVE		
FORWARD													
JAN.		28					83		3	2406		86	
FEB.		24					75	2,795	3	2874	62,068	120	
MAR.		27					85		3	2827		105	
APR.		29					45	2,935	2	2674	67,569	92	
MAY		22					67		3	2601		118	
JUNE		22		45			90		4	2589		118	
JULY		31					13	3,095		2219	74,978	72	
AUG.		31		34			69		2	2013		65	
SEPT.		15		25			50		3	2170		145	
OCT.													
NOV.													
DEC.													
TOTAL													

YEAR

JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

Examiner

Case No.

EXHIBIT NO.

YEAR

JAN.													
FEB.													
MAR.													
APR.													
MAY													
JUNE													
JULY													
AUG.													
SEPT.													
OCT.													
NOV.													
DEC.													
TOTAL													

BASIN DAKOTA

FIELD

WALSH

ENGINEERING & PRODUCTION
CORPORATION

Curtis J. Little

OPERATOR

2-E

WELL NO.

Federal Comm

PRODUCTION DATA

COUNTY
N
SEC 11 TWP 28N RGE 13W

LEASE

SPUDDING DATE	COMPLETION OR RECOM- PLETION DATE	TOTAL DEPTH	EFFECTIVE DEPTH	W. S. O.	PERFORATED INTERVAL		CUMULATIVE PRODUCTION		MONTHS PRODUCED	ZONE
					FROM	TO	NET OIL BBLs.	FORM GAS M.C.F.		

YEAR 1981

MONTH	STA- TUS	DAYS PROD.	ALLOW- ABLE	TOTAL WATER & BS & W BARRELS		DLY. AVG.	NET OIL PRODUCTION BARRELS		DLY. AVG.	FORMATION GAS PRODUCTION M.C.F.		DLY. AVG.	GAS - OIL RATIO CU. FT./BBL.
				MONTHLY	CUMULATIVE		MONTHLY	CUMULATIVE		MONTHLY	CUMULATIVE		
FORWARD													
JAN.													
FEB.													
MAR.													
APR.										179			
MAY										29			
JUNE										17			
JULY							-0-			-0-			
AUG.							-0-			-0-			
SEPT.							55			3422			
OCT.							287			2175			
NOV.							117			2370			
DEC.							135	554		2053	10,245		
TOTAL							554			10,245			

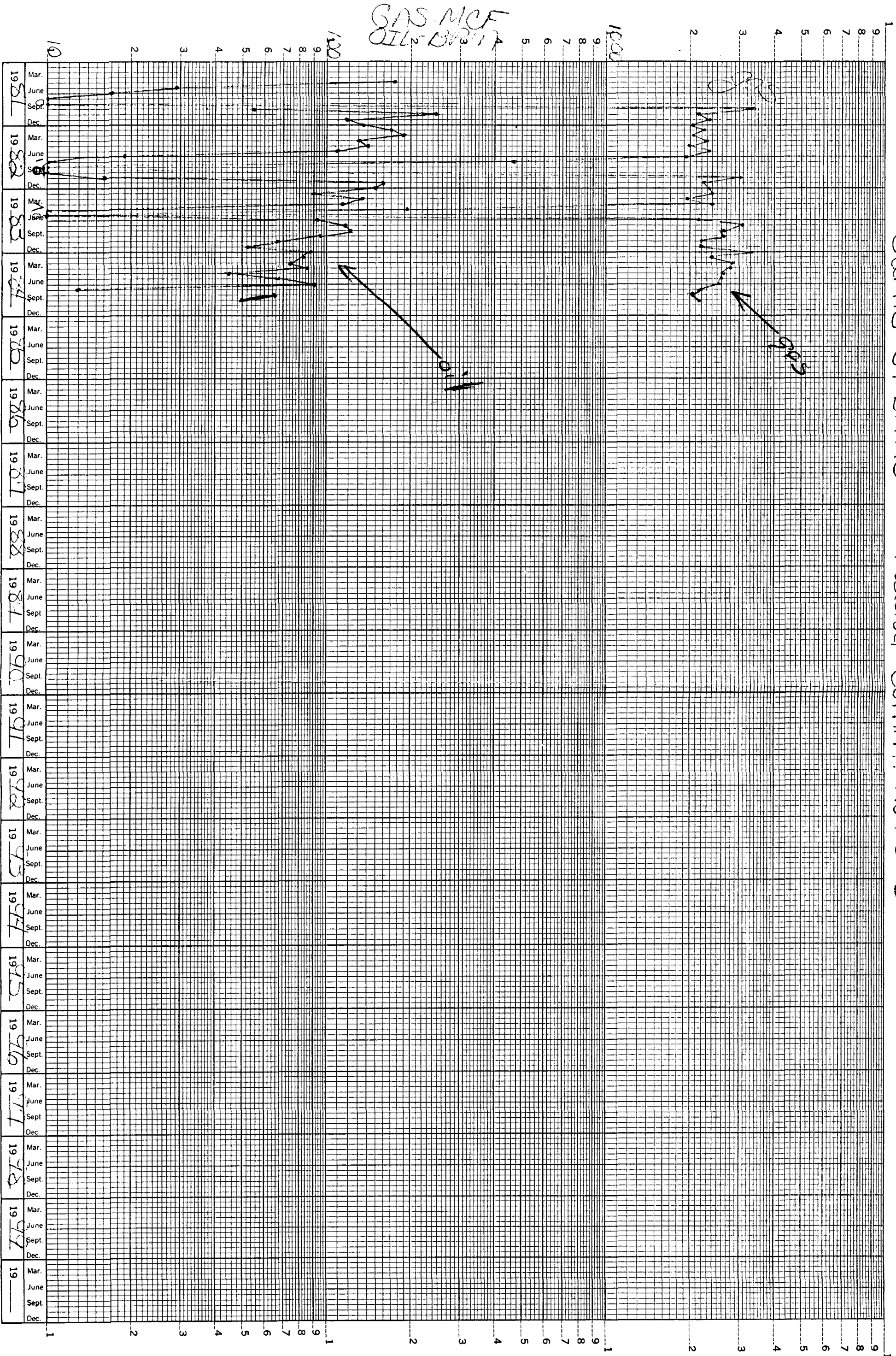
YEAR 1982

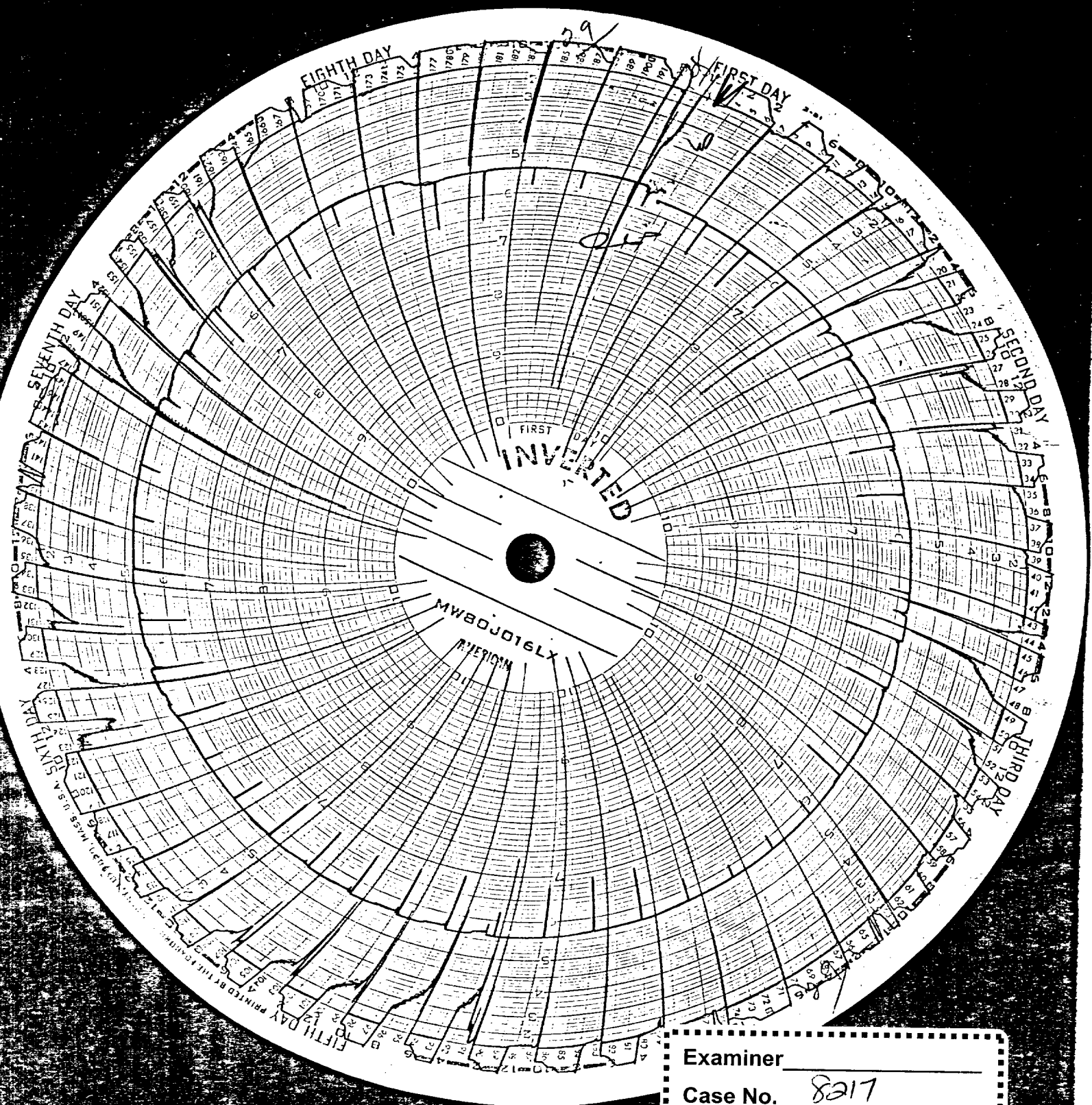
JAN.							172			2275			
FEB.							191			2078			
MAR.							133			2331			
APR.							143			2005			
MAY							112			2365			
JUNE							19			1964			
JULY							1			473			
AUG.							-0-			-0-			
SEPT.							-0-			-0-			
OCT.							16			3059			
NOV.							161			2451			
DEC.							151	1653		2359	31,405		
TOTAL							1,099			21,160			

YEAR 1983

JAN.							90			2412			
FEB.							136			1923			
MAR.							115			2400			
APR.							7			195			
MAY							-0-			-0-			
JUNE							93			2166			
JULY							117			3125			
AUG.							123			2668			
SEPT.							95			2641			
OCT.							67			2215			
NOV.							53			2229			
DEC.							88	2,637		3349	56,728		
TOTAL							984			25,383			

Curtis J. Little Federal Comm. No. 2-E





Examiner _____

Case No. 8217

EXHIBIT NO. 5

BEFORE EXAMINED BY
OIL CONSERVATION

DATE EXHIBIT NO. 5

CASE NO. 8217

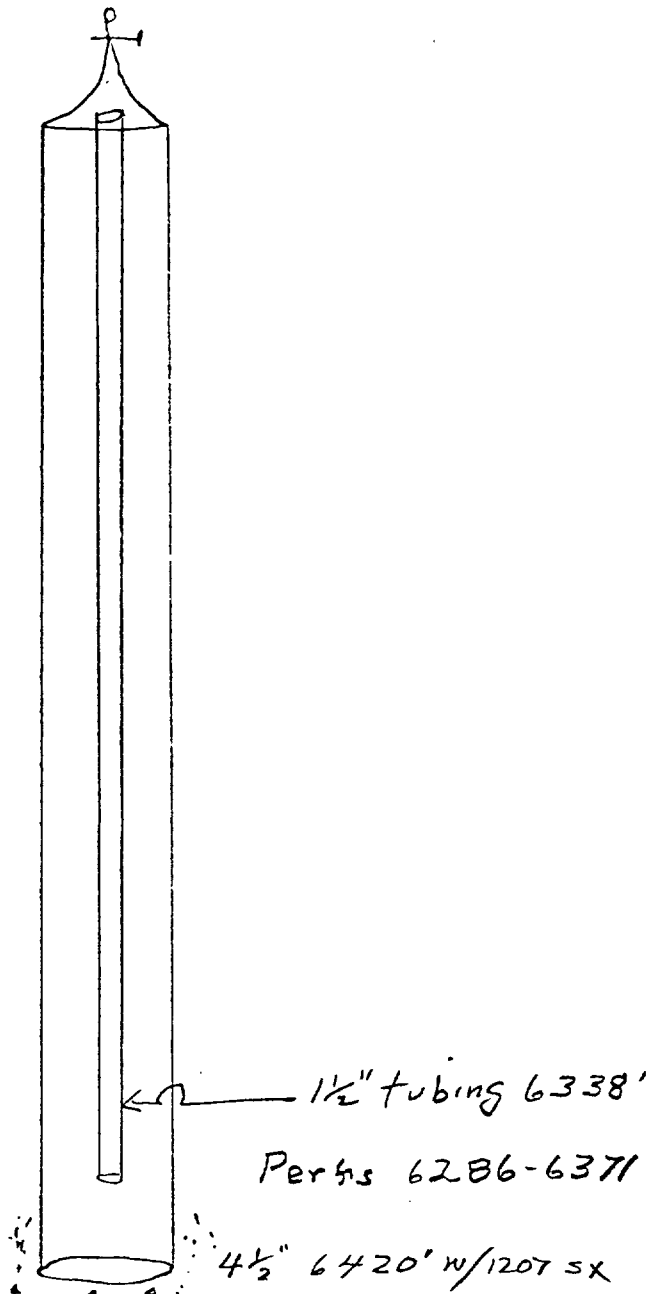
Curtis Little

2E Fed. Com.

N-11-28-13

San Juan Co NM

Basin Dakota



LITTLE	6
8217	

RECEIVED
APR 24 1984
OIL CON. DIV
DIST. 3

YEAR	GROSS PRODUCTION		NET PRODUCTION		PRICE		SALES		TOTAL
	BBL OIL	MCF GAS	BBL OIL	MCF GAS	OIL	GAS	OIL \$	GAS \$	
1984	261	6,514	208	5,210	27.25	3.939	5,679	20,522	26,201
1985	976	24,405	781	19,520	27.25	3.978	21,276	77,640	98,916
1986	879	21,965	703	17,568	27.25	3.978	19,149	69,876	89,025
1987	791	19,768	632	15,811	27.98	3.978	17,694	62,888	80,582
1988	712	17,792	569	14,230	28.66	3.978	16,880	56,600	73,480
1989	640	16,012	512	12,807	31.44	3.978	16,104	50,940	67,044
1990	576	14,411	461	11,526	33.32	3.978	15,363	45,846	61,209
1991	519	12,970	415	10,374	35.32	3.978	14,656	41,261	55,917
1992	467	11,673	373	9,336	37.44	3.978	13,982	37,135	51,117
1993	420	10,506	336	8,403	39.69	3.978	13,339	33,422	46,761
1994	378	9,455	302	7,562	42.07	3.978	12,725	30,079	42,804
1995	340	8,510	272	6,806	44.59	3.978	12,140	27,071	39,211
1996	306	7,659	245	6,125	47.27	3.978	11,581	24,364	35,945
1997	276	6,893	221	5,513	50.10	3.978	11,049	21,928	32,977
1998	248	6,204	198	4,962	53.11	3.978	10,540	19,735	30,275
2013	1,744	43,608	1,395	34,878	63.09	3.978	88,019	138,728	226,747
TOT	9,533	238,345	7,623	190,631	39.38	3.976	300,176	758,035	1,058,211

YEAR	EXPENSES		NET		INVESTMENTS		NET CASH FLOW	
	TAXES	WFF-TAX	OPER	TOTAL	TANGIBLE	INTANGIBLE	ANNUAL CUMULATIVE	15.00 PCNT DISCOUNTED
1984	2,175	155	1,507	3,837	0	0	22,363	21,850
1985	8,210	339	6,088	14,637	0	0	84,279	75,608
1986	7,389	43	6,088	13,520	0	0	75,505	58,903
1987	6,688	0	6,088	12,776	0	0	67,806	45,991
1988	6,099	0	6,088	12,187	0	0	61,293	36,151
1989	5,565	0	6,088	11,653	0	0	55,391	28,409
1990	5,080	0	6,088	11,168	0	0	50,040	22,317
1991	4,641	0	6,088	10,729	0	0	45,188	17,525
1992	4,243	0	6,088	10,331	0	0	40,786	13,754
1993	3,881	0	6,088	9,969	0	0	36,791	10,789
1994	3,553	0	6,088	9,641	0	0	33,164	8,457
1995	3,255	0	6,088	9,343	0	0	29,869	6,623
1996	2,983	0	6,088	9,071	0	0	26,874	5,182
1997	2,737	0	6,088	8,835	0	0	24,151	4,050
1998	2,513	0	6,088	8,601	0	0	21,675	3,160
2013	18,820	0	87,769	106,589	0	0	120,158	9,835
TOT	87,832	537	174,508	262,877	0	0	795,333	368,604

PRESENT WORTH PROFILE		WALSH ENGINEERING & PRODUCTION CORPORATION	
PCNT DSCNT	\$ VALUE	EFFECTIVE DATE: OCTOBER 1, 1984	
0.00	795,333	LEASE ID: 11	
5.00	575,195	LEASE NAME: FEDERAL COMM	
10.00	448,681	WELL NAME: NO. 2-E	
12.50	404,508	STATE: NEW MEXICO	
20.00	314,011	COUNTY: SAN JUAN	
25.00	274,613	FIELD: BASIN DAKOTA	
ROR:	0.00	OPERATOR: CURTIS J. LITTLE	
ROI:	0.00		
PAYOUT:	0.00		
ULTIMATE GROSS		GAS (MCF)	
CUM PROD GROSS		317,345	
FUTURE RES GROSS		79,000	
FUTURE RES NET		238,345	
GROSS WELL COUNT		190,631	
NET WELL COUNT		1,000	
YR MD WORKINT		GAS REV INT	
84 10 1.00000		0.799810	
OIL REV INT		0.799810	
12,733			
3,200			
9,533			
7,623			
0.000			
0.000			

Examiner

Case No. 7

EXHIBIT NO. 8317

LINE	7
CASE NO.	8217

11

YEAR	GROSS PRODUCTION			NET PRODUCTION			PRICE		SALES		INCOME		TOTAL
	BBL OIL	MCF GAS		BBL OIL	MCF GAS		OIL	GAS	OIL	GAS			
1984	178	4,441		142	3,552		27.25	3.939	3,872		13,992		17,864
1985	666	16,640		532	13,309		27.25	3.978	14,507		52,936		67,443
1986	599	14,976		479	11,978		27.25	3.978	13,056		47,643		60,699
1987	539	13,478		431	10,780		27.98	3.978	12,064		42,879		54,943
1988	485	12,131		388	9,702		29.66	3.978	11,509		38,591		50,100
1989	437	10,918		349	8,732		31.44	3.978	10,980		34,732		45,712
1990	393	9,826		314	7,859		33.32	3.978	10,475		31,258		41,733
1991	354	8,843		283	7,073		35.32	3.978	9,993		28,133		38,126
1992	318	7,959		255	6,366		37.44	3.978	9,533		25,319		34,852
1993	287	7,163		229	5,729		39.69	3.978	9,095		22,787		31,882
1994	258	6,447		206	5,156		42.07	3.978	8,676		20,509		29,185
1995	232	5,802		186	4,641		44.59	3.978	8,277		18,458		26,735
1996	209	5,222		167	4,176		47.27	3.978	7,896		16,612		24,508
1997	188	4,700		150	3,759		50.10	3.978	7,533		14,951		22,484
1998	169	4,230		135	3,383		53.11	3.978	7,187		13,456		20,643
2009	1,032	25,802		825	20,637		62.80	3.978	51,840		82,084		133,924
TOT	6,344	158,578		5,071	126,832		38.75	3.976	196,493		504,340		700,833

YEAR	EXPENSES			NET		INVESTMENTS		TANGIBLE INTANGIBLE		ANNUAL CUMULATIVE		NET CASH FLOW	
	TAXES	WFF-TAX		OPER	INCOME	TANGIBLE	INTANGIBLE						
1984	1,483	106		1,507	14,768	0	0			14,768		14,768	14,429
1985	5,598	231		6,088	55,526	0	0			55,526		70,294	49,816
1986	5,038	30		6,088	49,543	0	0			49,543		119,837	38,652
1987	4,560	0		6,088	44,295	0	0			44,294		164,131	30,045
1988	4,158	0		6,088	39,854	0	0			39,853		203,984	23,507
1989	3,794	0		6,088	35,830	0	0			35,829		239,813	18,377
1990	3,464	0		6,088	32,181	0	0			32,181		271,994	14,353
1991	3,164	0		6,088	28,874	0	0			28,873		300,867	11,198
1992	2,893	0		6,088	25,871	0	0			25,872		326,739	8,726
1993	2,646	0		6,088	23,148	0	0			23,148		349,887	6,789
1994	2,422	0		6,088	20,675	0	0			20,674		370,561	5,273
1995	2,219	0		6,088	18,428	0	0			18,428		388,989	4,087
1996	2,034	0		6,088	16,386	0	0			16,386		405,375	3,160
1997	1,866	0		6,088	14,530	0	0			14,530		419,905	2,437
1998	1,713	0		6,088	12,842	0	0			12,841		432,746	1,873
2009	11,116	0		65,446	57,362	0	0			57,362		490,108	5,148
TOT	58,168	367		152,185	490,113	0	0			490,108		237,870	237,870

(PRESENT WORTH PROFILE

PCNT DSCNT	\$ VALUE
0.00	490,108
5.00	363,223
10.00	287,242
12.50	260,130
20.00	203,638
25.00	178,662
ROR:	0.00
ROI:	0.00
PAYOUT:	0.00

(OIL (BBL) GAS (MCF)

ULTIMATE GROSS	9,544
CUM PROD GROSS	3,200
FUTURE RES GROSS	6,344
FUTURE RES NET	5,071
GROSS WELL COUNT	0.000
NET WELL COUNT	0.000
YR MD WORKINT	
84 10	1.00000
OIL REV INT	0.799810
GAS REV INT	0.799810

WALSH ENGINEERING & PRODUCTION CORPORATION

EFFECTIVE DATE: OCTOBER 1, 1984
LEASE ID: 11
LEASE NAME: FEDERAL COMM
WELL NAME: NO. 2-E
STATE: NEW MEXICO
COUNTY: SAN JUAN
FIELD: BASIN DAKOTA
OPERATOR: CURTIS J. LITTLE

Examiner

Case No. 8217

EXHIBIT NO. 8

CASE NO. 8217

LINE 8

DATE 10/10/10

TIME 10:00



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

TONEY ANAYA
GOVERNOR

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

November 13, 1984

M. J. Brannon
c/o Walsh Engineering
3001 Northridge Drive
Farmington, NM 87401

Re: Curtis J. Little Federal Com #2E N-11-28N-13W
Log-off test for Hardship Well classification

Gentlemen:

On Friday November 9, 1984, I visited the referenced well with Mr. Maurice Selinger to determine what type of "log-off test" procedures would be applicable. Upon examining the well site equipment and the gas sales meter, we discovered that the well was logged off already.

The motor valve downstream of the separator is operated by a clock which turns the well on four times a day. Even with this limited cycling the sales chart shows that the well logs-off every other day.

We witnessed one cycle of the well which unloaded it after being logged-off for six cycles.

There is no further need to test this well as it shows periodic log-off under normal operating conditions.

Sincerely,

Frank T. Chavez
District Supervisor

FTC/dj

xc: Well File

