

District I - (505) 393-6161
P.O. Box 1980
Tobbs, NM 88241-1980
District II - (505) 748-1283
311 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-139
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0537

**APPLICATION FOR
QUALIFICATION OF PRODUCTION RESTORATION PROJECT
AND CERTIFICATION OF APPROVAL**

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

- I. Operator: St. Mary Land & Exploration Co. OGRID #: 154903
Address: P.O. Box 2726, Midland, Texas 79702
Contact Party: Stan Wagner Phone: 915 688 0700
- II. Name of Well: Inca Federal #8 API #: 30-025-30323
Location of Well: F 1943 Feet from the W line and 1980 feet from the N line, Section 17,
Unit Letter F, Township 18S, Range 32E, NMPM, LEA County
- III. Previous Producing Pool Name: Young Wolfcamp, North
- IV. Describe the process used to return the Well to production. (Attach additional information if necessary):
See Attached
- V. Date the Production Restoration Project was commenced: 4/3/98
Date the Well was returned to production: 4/23/98
- VI. Identify the Oil Conservation Division records which show the Well had thirty (30) days or less production between January 1, 1993 and December 31, 1994:
☐ Omgard inactive well list; or ☒ OCD Form C-115 (Operator's Monthly Report)

VII. AFFIDAVIT:

State of Texas)
County of Midland) ss.

_____, being first duly sworn, upon oath states:

- I am the Operator or authorized representative of the Operator of the above referenced Well.
- I have personal knowledge of the facts contained in this Application for Qualification of a Production Restoration Project.
- The data utilized to prepare this application is complete and correct.

Stan Wagner

(Name)

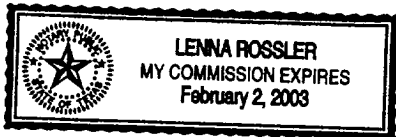
Agent

(Title)

2/15/99

u/f

SUBSCRIBED AND SWORN TO before me this 25th day of February, 1999



Lenna Rossler
Notary Public

My Commission expires: _____

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of a Production Restoration Project is hereby approved and the above referenced Well is designated as a Production Restoration Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that production was restored in this Production Restoration Project on:

4 - 23 -, 1998

Paul J. Kautz
District Supervisor, District 1
Oil Conservation Division

Date: 3/2/99

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

Inca Federal No. 8
Procedure: Plug Back to Queen

Attached to and made a part of BLM Form 3160-5 (Sundry Notice)

Item No. 13:

- 4/03/98: MIRU Wedge Wireline. Could not get past 8720'. Contacted BLM and received approval to delete proposed plug @ 9200'. Set CIBP @ 8290', cmt to 8255'. Set CIBP @ 6390', cmt to 6290'. Set CIBP @ 4300'. SDFN.
- 4/04/98: Perf w/4" csg gun 3766' - 72' (14 holes), 3758' - 62' (10 holes), 3746' - 50' (10 holes). Spot 35' cmt on CIBP to 4265'. RDMO Wedge Wireline.
- 4/07/98: MIRU Dawson. RIH w/ 2 7/8" x 5 1/2" fullbore pkr, SN & 115 jts. 2 7/8" tbg. Set pkr @ 3652'. Test annulus 500 psi. Swab tbg dry in 2 runs. After 30 min. - 400' fluid w/no oil or gas cut. Wait 30 min. - 300' fluid w/no oil or gas cut. SDFN.
- 4/08/98: 0 SITP. RU Dowell. Spot 100 gals 7 1/2% NeFe. Break formation down 3800 psi @ 1/4 BPM. Finish acidizing w/1400 gals 7 1/2" NeFe acid @ avg rate of 3 BPM @ 3000 psi. Good ball action but did not ball out. ISIP - 1184 psi. Fluid to recover - 84 bbls. Swab tbg dry in 7 runs. Wait 1 hr. - 800' fluid entry. Wait 1 hr. - 600' fluid entry. Recovered 32 BW. 52 BW. No oil or gas show. SDFN.
- 4/09/98: 0 SITP. Tag fluid @ 1200' from SN. No oil show. Make 6 hourly swab runs. 400' fluid entry w/no oil or gas shows. Recover 18 BW. SDFN.
- 4/10/98: 0 SITP w/trace of gas. IFL @ 1200' from SN. Swab well dry. 400' fluid entry per hr established on 5 hourly swab runs. No trace of oil or gas. Sent water in for analysis. 16 BW. SI.
- 4/14/98: Open up well, no gas. Went in to swab. FL 1200' from SN. First run 3% oil cut. Swabbed dry in three runs. Made runs every hour. FL 400' - 500' 1" oil cut. Swabbed back 13 bbls. SDFN.
- 4/15/98: RU Dowell. Frac w/24,000 16/30 6000 16/30 CRCS. Avg treating pressure 3000 psi 15 min. 1977. Load to get back. 390 bbls. RDMO. SDFN.
- 4/16/98: Open up well - no gas. Went into swab. FL 1000' from surf. 1st run, frac wtr. Swabbed fluid level down to 500' from SN. Unseat pkr. Went down

to tag sand 4070'. Come out laying down. Hung up pkr 3800', went back down 30'. Could not come up. Pmp'd 60 BW down. Started moving pkr. Rotated it, came loose. LD pkr. SDFN.

4/17/98: RIH w/ 2 7/8" bull plug, 1 jt. 2 7/8" tbg, XO, SN and 121 jts. 2 3/8" 4.7# J-55 YB tbg, SN @ 3817', ND BOP's. NUWH, pour 5 gals corrosion and demulsifier down tbg string, RIH w/ 2" x 16' RWBC #CMC205 pump, 6-1.5" weight bars, 145-3/4" "D" rods, 3/4" x 8", 2" pony rods, and 1 1/4" x 16' polish rod w/1.5" liner. Will set pumping unit 4/21/98. SDFN.

4/21/98: Waiting on parts to hook up the pumping unit. Will hook up in the a.m.

4/22/98: Start up unit @ 12:30 p.m. - pumping good.

4/23/98: Testing through 5/8/98.

Final Report - 8 BO, 60 BW, 10 Mcf.

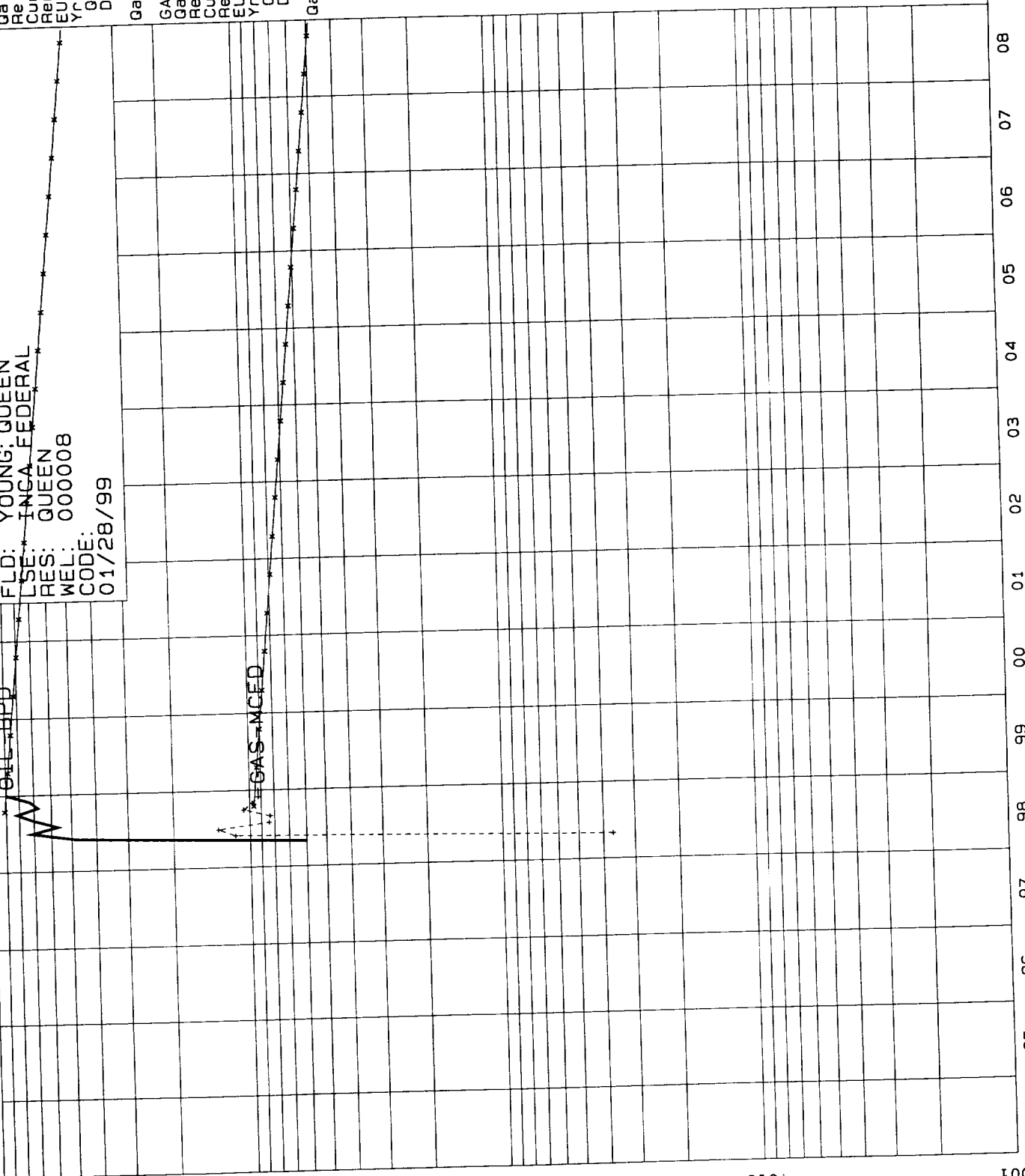
OIL * POST
 Gal = 10/98
 Cum = 1.020
 Rem = 43.818
 EUR = 44.838
 Yrs = 32.833
 G1 = 277.9
 De = 6.562
 n = .000
 Gab = 30.0

GAS * POST
 Gal = 10/98
 Cum = 1.602
 Rem = 47.104
 EUR = 48.706
 Yrs = 32.833
 G1 = 0
 De = .000
 n = .000
 Gab = .0

FLD: YOUNG: QUEEN
 LSE: INCA FEDERAL
 RES: QUEEN
 WEL: 000008
 CODE:
 01/28/99

OIL-BPD

GAS-MCFD



GAS-MCFD

1

100

.10

.001

DATE

08

07

06

05

04

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02

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00

99

98

97

96

95

94

----- Titles -----
LSE: INCA FEDERAL
FLD: YOUNG;QUEEN
RES: QUEEN
OPR: ST MARY LAND & EXPLOR
WEL:000008
CO: LEA NM
----- Miscellaneous -----
CUMS 1.020 1.602
LOSS NO
----- Production -----
START 10/98
*OIL 277.88 X B/M 43.818 IMU EXP 6.562
OIL 277.88 10 B/M X MB EXP 13
GAS/OIL 1.05680 1.23409 M/B 01/2097 AD LOG TIME
----- Prices, Costs -----
FILE RES99E.A
OPC/W 800 X \$/M 01/2000 AD PC 0
OPC/W 281.25 X \$/M 01/2000 AD PC 0
TABLE SEV NM
TABLE ADV NM
----- Ownership -----
NET 100 77.89 % TO
----- Investments -----
----- Overlays -----

DATE : 02/16/99
 TIME : 08:03:49
 DBS FILE : NMTAX
 SETUP FILE : RES9912M
 SEQ NUMBER : 11

LSE: INCA FEDERAL
 FLD: YOUNG;QUEEN
 RES: QUEEN
 OPR: ST MARY LAND & EXPLOR
 WEL:000008
 CO: LEA NM

I N P U T D A T A				C A L C U L A T E D D A T A			
ITEM	SCHEDULING RATES		PROCEDURE	ULTIMATE			
	SCHEDULE	UNTIL		LAST	EFF. DECL	INIT. RATE	FINAL RATE
405 START	10/98						
410 OIL	277.88	10.00 B/M	EXP	13.00	24.108	8/22	13.00
415 GAS/OIL	1.06	1.23 M/B	LOG	TIME		12/96	
600 START	1/99						
605 PRI/OIL	13.6300	30.0000 \$/B	PC			12/00	13.630
606 "	X	30.00 \$/B	PC	4.00		2/21	30.000
611 PRI/GAS	2.0200	3.0000 \$/M	PC	.00		12/00	2.020
612 "	X	3.00 \$/M	PC	4.00		2/11	3.000
617 OPC/W	800.00	X \$/M	PC	.00		12/99	800.000
622 OPC/W	281.25	X \$/M	PC	.00		12/99	800.000
627 STX/OIL	8.00	X %	PC	.00		8/22	.080
632 STX/GAS	.13	X \$	PC	.00		8/22	.126
637 ATX	2.00	X %	PC	.00		8/22	.020
700 NET/WI	100.0000	D %	FLAT	.00		8/22	1.000
720 NET/NIC	77.8900	D %	FLAT	.00		8/22	.779
740 NET/NIG	77.8900	D %	FLAT	.00		8/22	.779
RESERVE PARAMETERS				ITEM			
201 LOSS	NO						
205 CUMG, MB	1.02	CUMG, MMF	1.60	CUML, MB			
PROJECT ASSUMPTIONS				OTHER QUAL :			
TIME FRAMES : 1*36 12*1 1*600				DISC. FREQUENCY : MO			
BASE DATE : 1/96				PW %-AGE : 15.0			
P.W. DATE : 1/99				OWNER QUAL :			
REPORT DATE : 1/99							

DATE : 02/16/99
 TIME : 08:03:49
 DBS FILE : NMTAX
 SETUP FILE : RES9912M
 SEQ NUMBER : 11

LSE: INCA FEDERAL
 FLD: YOUNG-QUEEN
 RES: QUEEN
 OPR: ST MARY LAND & EXPLOR
 WEL:000008
 CO: LEA NM

R E S E R V E S A N D E C O N O M I C S EFFECTIVE DATE: 1/99

-END- MO-YR	GROSS OIL PRODUCTION	GROSS GAS PRODUCTION	NET OIL PRODUCTION	NET GAS PRODUCTION	-GROSS PRICES- OIL GAS	OIL REVENUE	GAS REVENUE	TOTAL REVENUE
----	-----MB-----	-----MM-----	-----MB-----	-----MM-----	-----\$/B-----\$/M-----	-----M\$-----	-----M\$-----	-----M\$-----
1-99	.267	.282	.208	.220	13.63 2.02	2.833	.444	3.277
2-99	.264	.279	.205	.217	13.63 2.02	2.800	.439	3.239
3-99	.261	.276	.203	.215	13.63 2.02	2.768	.434	3.201
4-99	.258	.273	.201	.212	13.63 2.02	2.736	.429	3.165
5-99	.255	.269	.198	.210	13.63 2.02	2.704	.424	3.128
6-99	.252	.266	.196	.207	13.63 2.02	2.673	.419	3.092
7-99	.249	.263	.194	.205	13.63 2.02	2.642	.414	3.056
8-99	.246	.260	.192	.203	13.63 2.02	2.612	.410	3.021
9-99	.243	.257	.189	.200	13.63 2.02	2.582	.405	2.986
10-99	.240	.254	.187	.198	13.63 2.02	2.552	.400	2.952
11-99	.238	.252	.185	.196	13.63 2.02	2.522	.396	2.918
12-99	.235	.249	.183	.194	13.63 2.02	2.493	.391	2.884
STOT	3.006	3.181	2.342	2.477	13.63 2.02	31.916	5.005	36.920
AFTER	19.262	20.597	15.004	16.043	17.08 2.43	256.325	39.047	295.372
TOT	22.269	23.778	17.345	18.521	16.62 2.38	288.241	44.051	332.292

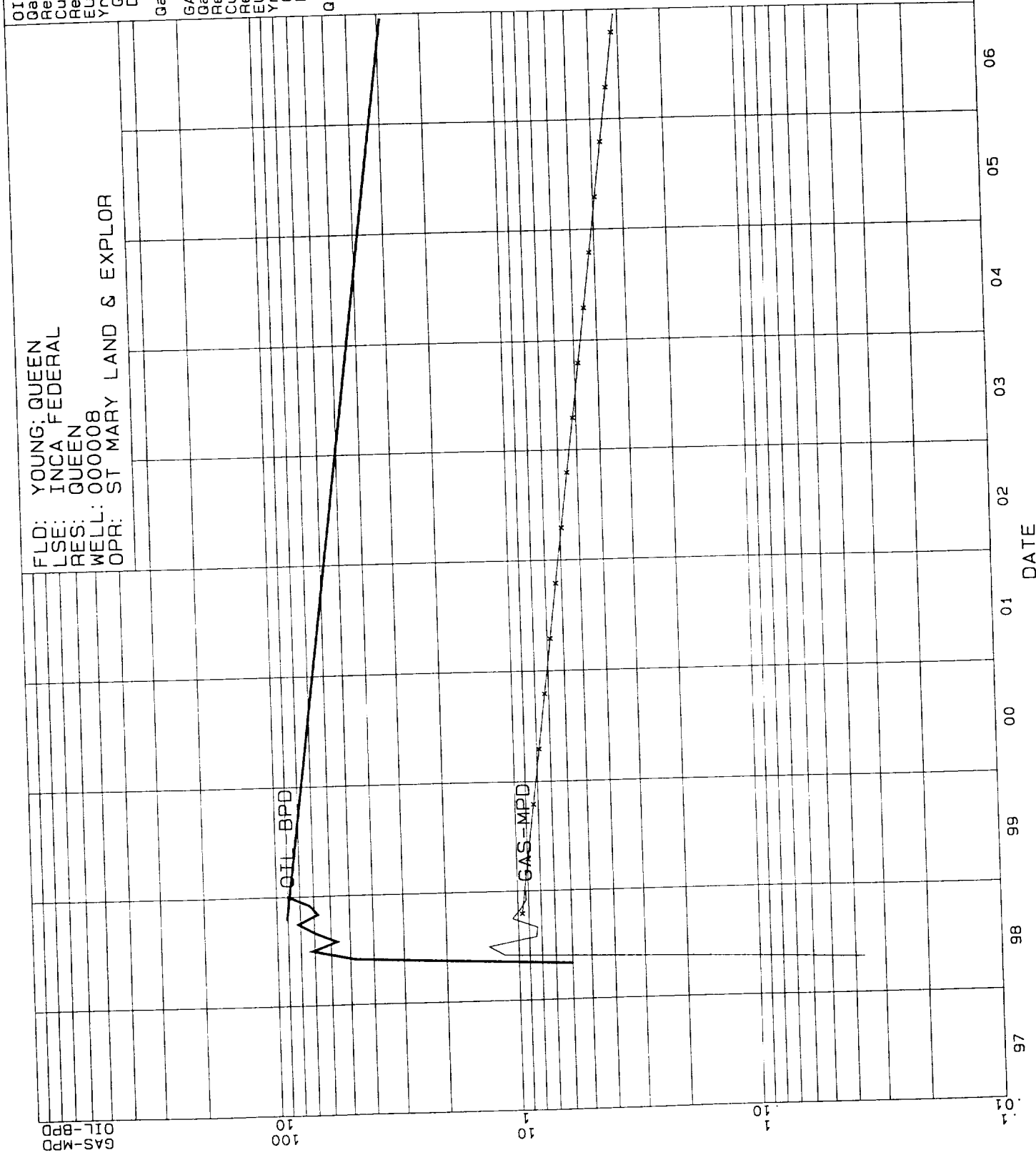
-END- MO-YR	SEV TAXES	ADV TAXES	NET OPER EXPENSES	CAPITAL COSTS	WORKOVER COSTS	NET INCOME BTAX	CUMULATIVE NET INCOME	CUM 15.0% DISC CASHF
----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----	-----M\$-----
1-99	.254	.060	1.081	.000	.000	1.881	1.881	1.870
2-99	.251	.060	1.081	.000	.000	1.846	3.727	3.684
3-99	.248	.059	1.081	.000	.000	1.813	5.540	5.445
4-99	.246	.058	1.081	.000	.000	1.779	7.319	7.153
5-99	.243	.058	1.081	.000	.000	1.746	9.065	8.810
6-99	.240	.057	1.081	.000	.000	1.714	10.779	10.418
7-99	.237	.056	1.081	.000	.000	1.682	12.461	11.977
8-99	.234	.056	1.081	.000	.000	1.650	14.111	13.489
9-99	.232	.055	1.081	.000	.000	1.618	15.729	14.954
10-99	.229	.054	1.081	.000	.000	1.587	17.316	16.375
11-99	.226	.054	1.081	.000	.000	1.556	18.873	17.753
12-99	.224	.053	1.081	.000	.000	1.526	20.399	19.087
STOT	2.865	.681	12.975	.000	.000	20.399	20.399	19.087
AFTER	22.527	5.457	.000	.000	.000	267.388	287.786	127.486
TOT	25.393	6.138	12.975	.000	.000	287.786	287.786	127.486

GROSS WELLS	OIL	GAS	P.W. %	P.W., M\$
-----	-----	-----	-----	-----
GROSS ULT., MB & MMF	1.0		5.00	204.869
GROSS CUM., MB & MMF	24.108	26.246	8.00	173.573
GROSS RES., MB & MMF	1.839	2.468	10.00	157.363
NET RES., MB & MMF	22.269	23.778	12.00	143.876
NET REVENUE, M\$	17.345	18.521	15.00	127.486
INITIAL PRICE, \$	288.241	44.051	20.00	107.261
INITIAL N.I., PCT.	13.630	2.020	25.00	92.762
	75.225	75.255	30.00	81.895
			35.00	73.461
			50.00	56.670

OIL=DEFAULT
 Qal= 10/98
 Ref= 1.020
 Cum= 23.088
 Rem= 24.108
 EUR= 23.917
 Yrs= 277.9
 Q1= 13.000
 De= .000
 n= 10.0
 Qab=

GAS=DEFAULT
 Qal= 10/98
 Ref= 1.602
 Cum= 24.644
 Rem= 26.246
 EUR= 23.917
 Yrs= 0
 Q1= .000
 De= .000
 n= .000
 Qab= .0

FLD: YOUNG; QUEEN
 LSE: INCA FEDERAL
 RES: QUEEN
 WELL: 000008
 OPR: ST MARY LAND & EXPLOR



CASE: 11 INCA FEDERAL 000008
 YOUNG;QUEEN
 LEA , NM
 ST MARY LAND & EXPLOR

DATE: 02/16/99
 TIME: 08:00:25
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PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	0	0	0	0	0.00	0	0	0	0
1/98								0	0
2/98								0	0
3/98								0	0
4/98	18	11	964	0	0.00	18	11	0	0
5/98	149	355	1419	0	0.00	167	366	0	0
6/98	215	400	414	0	0.00	382	766	0	0
7/98	176	261	691	0	0.00	558	1,027	0	0
8/98	217	258	507	0	0.00	775	1,285	0	0
9/98	245	317	60	0	0.00	1,020	1,602	0	0
10/98	210	303	450	1057	51.38	1,230	1,905	276	292
11/98	219	277	408	1057	51.39	1,449	2,182	273	289
12/98	278	287	527	1057	51.39	1,727	2,469	270	285
TOT/98	1727	2469	5440			1,727	2,469	819	866
1/99								267	282
2/99								264	279
3/99								261	276
4/99								258	273
5/99								255	269
6/99								252	266
7/99								249	263
8/99								246	260
9/99								243	257
10/99								240	254
11/99								238	252
12/99								235	249
TOT/99	0	0	0			1,727	2,469	3006	3181
1/00								232	246
2/00								229	243
3/00								227	240
4/00								224	238
5/00								222	235
6/00								219	232
7/00								217	229
8/00								214	227
9/00								212	224
10/00								209	222
11/00								207	219
12/00								204	217
TOT/00	0	0	0			1,727	2,469	2615	2772
TOTAL	1727	2469	5440			1,727	2,469	6441	6818

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 YOUNG;QUEEN
 LEA , NM
 ST MARY LAND & EXPLOR

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1061	51.47	1,727	2,469	12418	13172
1/04								133	142
2/04								131	140
3/04								130	139
4/04								128	137
5/04								127	135
6/04								125	134
7/04								124	132
8/04								123	131
9/04								121	129
10/04								120	128
11/04								118	126
12/04								117	125
TOT/04	0	0	0			1,727	2,469	1498	1598
1/05								116	123
2/05								114	122
3/05								113	121
4/05								112	119
5/05								110	118
6/05								109	117
7/05								108	115
8/05								107	114
9/05								105	113
10/05								104	111
11/05								103	110
12/05								102	109
TOT/05	0	0	0			1,727	2,469	1304	1392
1/06								101	108
2/06								99	106
3/06								98	105
4/06								97	104
5/06								96	103
6/06								95	102
7/06								94	100
8/06								93	99
9/06								92	98
10/06								91	97
11/06								90	96
12/06								89	95
TOT/06	0	0	0			1,727	2,469	1134	1213
TOTAL	1727	2469	5440			1,727	2,469	16355	17375

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 YOUNG;QUEEN
 LEA , NM
 ST MARY LAND & EXPLOR

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1062	51.51	1,727	2,469	16355	17375
1/07								88	94
2/07								87	93
3/07								86	92
4/07								85	91
5/07								84	90
6/07								83	89
7/07								82	88
8/07								81	87
9/07								80	86
10/07								79	85
11/07								78	84
12/07								77	83
TOT/07	0	0	0			1,727	2,469	987	1057
1/08								76	82
2/08								75	81
3/08								74	80
4/08								74	79
5/08								73	78
6/08								72	77
7/08								71	76
8/08								70	75
9/08								69	75
10/08								69	74
11/08								68	73
12/08								67	72
TOT/08	0	0	0			1,727	2,469	858	921
1/09								66	71
2/09								66	70
3/09								65	70
4/09								64	69
5/09								63	68
6/09								63	67
7/09								62	66
8/09								61	66
9/09								60	65
10/09								60	64
11/09								59	63
12/09								58	63
TOT/09	0	0	0			1,727	2,469	747	803
TOTAL	1727	2469	5440			1,727	2,469	18946	20156

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 YOUNG;QUEEN
 LEA , NM
 ST MARY LAND & EXPLOR

DATE: 02/16/99
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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1064	51.55	1,727	2,469	18946	20156
1/10								58	62
2/10								57	61
3/10								56	61
4/10								56	60
5/10								55	59
6/10								54	59
7/10								54	58
8/10								53	57
9/10								53	57
10/10								52	56
11/10								51	55
12/10								51	55
TOT/10	0	0	0			1,727	2,469	650	699
1/11								50	54
2/11								50	53
3/11								49	53
4/11								48	52
5/11								48	52
6/11								47	51
7/11								47	50
8/11								46	50
9/11								46	49
10/11								45	49
11/11								45	48
12/11								44	48
TOT/11	0	0	0			1,727	2,469	565	610
1/12								44	47
2/12								43	47
3/12								43	46
4/12								42	46
5/12								42	45
6/12								41	44
7/12								41	44
8/12								40	43
9/12								40	43
10/12								39	42
11/12								39	42
12/12								38	42
TOT/12	0	0	0			1,727	2,469	492	531
TOTAL	1727	2469	5440			1,727	2,469	20653	21996

CASE: 11 INCA FEDERAL 000008
 YOUNG;QUEEN
 LEA , NM
 ST MARY LAND & EXPLOR

DATE: 02/16/99
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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1065	51.57	1,727	2,469	20653	21996
1/13								38	41
2/13								38	41
3/13								37	40
4/13								37	40
5/13								36	39
6/13								36	39
7/13								35	38
8/13								35	38
9/13								35	37
10/13								34	37
11/13								34	37
12/13								33	36
TOT/13	0	0	0			1,727	2,469	428	463
1/14								33	36
2/14								33	35
3/14								32	35
4/14								32	35
5/14								32	34
6/14								32	34
7/14								31	34
8/14								31	33
9/14								30	33
10/14								30	33
11/14								30	32
12/14								29	32
TOT/14	0	0	0			1,727	2,469	372	403
1/15								29	31
2/15								28	31
3/15								28	30
4/15								28	30
5/15								27	30
6/15								27	29
7/15								27	29
8/15								27	29
9/15								26	28
10/15								26	28
11/15								26	28
12/15								25	27
TOT/15	0	0	0			1,727	2,469	324	351
TOTAL	1727	2469	5440			1,727	2,469	21777	23214

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1066	51.60	1,727	2,469	21777	23214
1/16								25	27
2/16								25	27
3/16								24	27
4/16								24	26
5/16								24	26
6/16								24	26
7/16								23	25
8/16								23	25
9/16								23	25
10/16								23	24
11/16								22	24
12/16								22	24
TOT/16	0	0	0			1,727	2,469	282	306
1/17								22	24
2/17								22	23
3/17								21	23
4/17								21	23
5/17								21	23
6/17								21	22
7/17								20	22
8/17								20	22
9/17								20	22
10/17								20	21
11/17								19	21
12/17								19	21
TOT/17	0	0	0			1,727	2,469	245	267
1/18								19	21
2/18								19	20
3/18								18	20
4/18								18	20
5/18								18	20
6/18								18	19
7/18								18	19
8/18								17	19
9/18								17	19
10/18								17	19
11/18								17	18
12/18								17	18
TOT/18	0	0	0			1,727	2,469	213	232
TOTAL	1727	2469	5440			1,727	2,469	22517	24019

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	1727	2469	5440	1067	51.61	1,727	2,469	22517	24019
1/19								16	18
2/19								16	18
3/19								16	18
4/19								16	17
5/19								16	17
6/19								16	17
7/19								15	17
8/19								15	17
9/19								15	16
10/19								15	16
11/19								15	16
12/19								14	16
TOT/19	0	0	0			1,727	2,469	186	203
1/20								14	16
2/20								14	15
3/20								14	15
4/20								14	15
5/20								14	15
6/20								14	15
7/20								13	15
8/20								13	14
9/20								13	14
10/20								13	14
11/20								13	14
12/20								13	14
TOT/20	0	0	0			1,727	2,469	161	177
1/21								12	14
2/21								12	13
3/21								12	13
4/21								12	13
5/21								12	13
6/21								12	13
7/21								12	13
8/21								11	13
9/21								11	12
10/21								11	12
11/21								11	12
12/21								11	12
TOT/21	0	0	0			1,727	2,469	140	154
TOTAL	1727	2469	5440			1,727	2,469	23005	24552