

Hobbs, NM 88240
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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-140
Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

H-0682

I. Operator and Well

Operator name & address Conoco Inc. P.O. Box 1267 Ponca City, OK 74602								OGRID Number 005073 Conoco Cmpl 1893440	
Contact Party Cristy Pannell								Phone 580-767-4880	
Property Name Meyer A-1						Well Number 20		API Number 30-025-32215	
UL E	Section 17	Township 21S	Range 36E	Feet From The 2310	North/South Line North	Feet From The 760	East/West Line West	County Lea	

II. Workover

Date Workover Commenced: 09/24/01	Previous Producing Pool(s) (Prior to Workover): Eumont; Yates-7 RVRS - Queen
Date Workover Completed: 09/24/01	

III. Attach a description of the Workover Procedures performed to increase production. **John Coy installed portable compressor unit on 09/24/2001; see attached.**

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase. **Data tabulation attached.**

V. AFFIDAVIT:

State of Oklahoma)
) ss.
County of Kay)
Cristy Pannell, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Cristy L. Pannell Title Staff Analyst Date August 14, 2002
SUBSCRIBED AND SWORN TO before me this 14 day of August, 2002

My Commission expires: January 2, 2006

Notary Public Lois Thornton
Commission # 018429170

LOIS THORNTON
NOTARY
PUBLIC
IN AND FOR
STATE OF
OKLAHOMA

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 9/24/01.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>1</u>	Date <u>8/21/02</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

mlp

Compl Name - Compl	Compl ID - Compl	Compl Legacy Cd - Compl	API Well Cd - Compl	Rsvr Name - Compl	PUN / SUFFIX	Cnty Name - Compl	Sect	TWN	RNG	Dir
MEYER A-1 / 20UTL	1893440	6823159 20UTL	300253221500	EUMONT YATES 7RVRS OU-GA	1033605 F 2520	LEA	17	21	36	E

Production Date	Workover Indicator	EUMONT YATES 7RVRS OU-GA
09/2000	1 Pre Workover Period	5,082
10/2000	1 Pre Workover Period	6,126
11/2000	1 Pre Workover Period	5,665
12/2000	1 Pre Workover Period	4,868
01/2001	1 Pre Workover Period	5,468
02/2001	1 Pre Workover Period	5,272
03/2001	1 Pre Workover Period	5,504
04/2001	1 Pre Workover Period	5,109
05/2001	1 Pre Workover Period	4,835
06/2001	1 Pre Workover Period	3,273
07/2001	1 Pre Workover Period	4,440
08/2001	1 Pre Workover Period	5,083
	Sum:	55,643

09/2001	2 Workover Period	8,512
	Sum:	8,512

10/2001	3 Post Workover Period	6,789
11/2001	3 Post Workover Period	7,088
12/2001	3 Post Workover Period	6,051
	Sum:	19,928

000
5000
07
11/12/01

30025322150000

5/22/2002

MEYER A-1 #20 (SLB-hwr 10/25/99)

API No.	30025322150000
Spud	10/13/1993
Completion	12/28/1993
Abandoned	
Frm. Prod.	453YTES
Well No.	20
Field	EUMONT
Init. Well Class.	development well
Status	GAS
Permit	
RR	
Last Act.	
TD	3800.0 ftKB
PBTD	3753.0 ftKB
Operator	CONOCO INC
Permit No.	
District	Hobbs O.U.
Final Well Class.	gas well
Frm. at TD	453GRBG

Elevations

KB-Grd	6.0 ft
Grd	3650.0 ft
Tub Head	0.0 ft
KB	3656.0 ft
Cas Flng	0.0 ft

Bore Hole Data

Size (in)	Depth (ftKB)
12.2500	425.0
7.8750	3800.0

Casing String - Surface Casing

Grd	Item (in)	Btm (ftKB)	Comments	ID	Thd	Jnts	Wt
K-55	8.6300 in Casing	425.0		8.1000	STC	10	24.00

Casing String - Production Casing

Grd	Item (in)	Btm (ftKB)	Comments	ID	Thd	Jnts	Wt
K-55	5.5000 in Casing	3799.0		4.9500	LTC	85	15.50
K-55	5.5000 in Float Collar	3799.0		4.9500	LTC	1	15.50

Casing Cement

Amount (sx)	Comments	Casing String	Top (ftKB)
325	Cmt circ	Surface Casing	0.0
800	Cmt circ	Production Casing	0.0

Perforations

Int	Shots (/ft)	Comments	Type	Date
3394.0 - 3670.0	3.3	@ 3394, 3404, 18, 30, 54, 59, 69, 93, 3507, 23, 42, 61, 80, 88, 99, 3604, 10, 16, 23, 32, 39, 43, 49, 56, 63, & 3670 in 275 Gals 7.5% HCL-NEFE		10/27/1993
2988.0 - 3344.0	3.3	@ 2988, 3064, 68, 71, 3106, 18, 32, 44, 53, 70, 80, 86, 98, 3209, 17, 26, 36, 42, 48, 56, 67, 72, 3306, 12, 17, 22, 25, & 3344 in 356 Gals 7.5% HCL-NEFE		11/5/1993

Stimulations & Treatments

Int	Zone	Comments	Type	Date	Fluid
3394.0 - 3670.0	Penrose Queen	Acidz w/2,600 Gal 7.5% HCL, diverting w/40 BS. Flush w/27 bbl kill fluid.	Acid Squeeze	10/28/1993	7.5% HCL
3394.0 - 3670.0	Penrose Queen	Frac w/40,000 Gal 70 Quality CO2 foam pad, followed w/43,000 Gal 60 to 50 quality CO2 foam, ramping 12/20 Ottawa 1# to 8# sd. Flush w/3,400 Gal foam. ATP=2,600# @ 50 bpm, ISIP=1,300#	Fracture	10/29/1993	50 to 70 Quality Foam
2988.0 - 3344.0	Yates Seven Rivers	Acidz w/2,800 Gal 7.5% HCL w/Methanol, diverting w/44 BS. Flush w/400 Gal 50/50 Methanol-2% KCL, follow w/750 Gal kill fluid. Good BA, complete BO. ATP=1,500# @ 4 bpm, ISIP=1,000#	Acid Squeeze	11/8/1993	7.5% HCL w/Methanol
2988.0 - 3344.0	Yates Seven Rivers	Frac w/46,000 Gal 70 quality CO2 foam pad, followed w/47,786 Gal 60 to 50 Quality CO2 foam, ramping 12/20 Ottawa 2# to 8# sd. Flush w/3,108 Gal foam, ATP=2,400# @ 51.1 bpm, ISIP=1,280#	Fracture	11/9/1993	50 to 70 Quality Foam

30025322150000

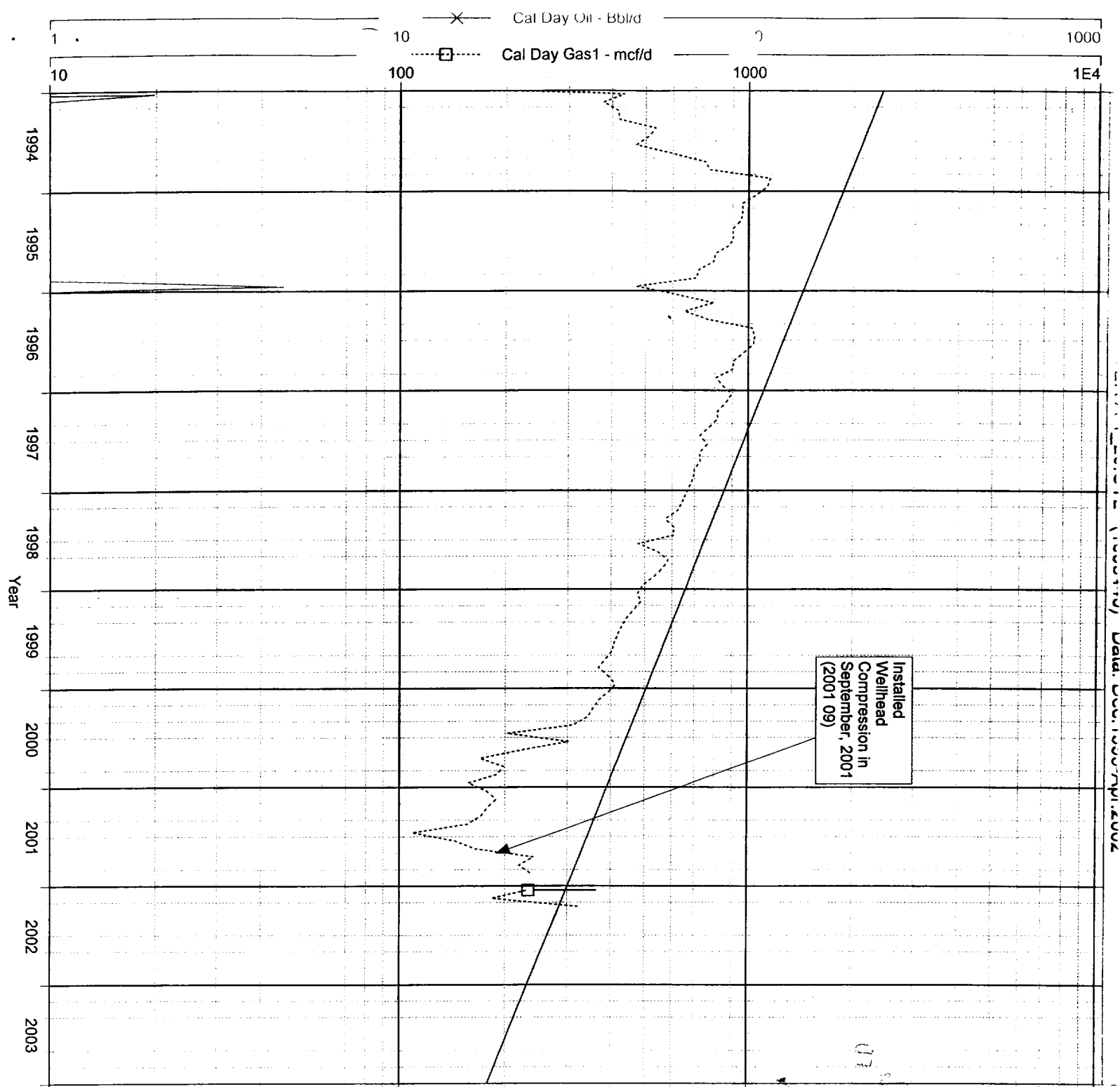
5/22/2002

Tubing String - Primary Tubing

Grd	Item (in)	Comments	ID (in)	Thd	Jnts	Len (ft)	Top (ftKB)	Wt
J-55	2.8740 in Tubing		2.4409	8rd	115	3634.4	6.0	6.40
J-55	2.8740 in SN		2.2800	8rd	1	1.1	3640.4	6.40
J-55	2.8740 in notched collar		2.4409	8rd		1.1	3641.5	6.40

Completions & Workovers

Reason for Workover	Reason for Failure	Date	Summary
Put On Pump	Convert to Pumping Well	4/16/1996	Put On Pump - TFF @ 3689 POOH w/tbg to 2941', est circ w/foam unit. C/O sand from 3689 to 3752 PBTD, circ clean. RIH w/production equipment, SN set @ 3686'. Return to production
Tbg Leak - OPU to GPL	Corrosion	10/25/1999	Tbg Leak - OPU to GPL - MIRU, worked pump free. POH laying down 143 x 3/4" rods, 2 K-bars and pump. NUBOP, TFF @ 3700', POH laying down 118 jts of 2-3/8" tbg. Changed out BOP rams to 2-7/8", tallied in the hole with notched collar, SN and 115 jts 2-7/8" tbg, NUWH, RDMO. RU swab unit, dropped SV, milked tbg, retrieved @ 98 BW, gas rate up to 397 steady with kicks to 457 mcfpd.



Cal Day Oil -
 Cum: 0.505 MSTB
 Cal Day Gas1 - mcf/d
 Cum: 1677.03 MMSCF
 Prod Eng 2002 Forc G - mcf/d
 versus time
 Q1: 300 mcf/d, Jan, 2002
 Q1: 1,37579 mcf/d, Aug, 2002
 Di:(Exponential) : 23
 RR: 390.811 MMSCF
 EUR: 2067.84 MMSCF
 Corr coeff: N/A

Well: MEYER A-1_20:UTL

Well Time Graph Report

Date	WI Cal Day Oil	WI Cal Day Gas1	WI Eng 2002 Forc G
	Bbl/d	mcf/d	mcf/d
1998 08	0.00	544.35	724.81
1998 09	0.00	583.83	709.19
1998 10	0.00	562.65	693.91
1998 11	0.00	531.80	678.96
1998 12	0.00	494.52	664.34
1999 01	0.00	477.16	650.02
1999 02	0.00	486.64	636.02
1999 03	0.39	464.39	622.31
1999 04	0.00	443.50	608.91
1999 05	0.00	429.06	595.79
1999 06	0.00	417.80	582.95
1999 07	0.00	408.74	570.39
1999 08	0.00	402.90	558.10
1999 09	0.00	384.40	546.08
1999 10	0.00	367.68	534.31
1999 11	0.00	391.87	522.80
1999 12	0.00	412.61	511.54
2000 01	0.00	393.10	500.52
2000 02	0.00	366.86	489.73
2000 03	0.00	353.58	479.18
2000 04	0.00	342.73	468.86
2000 05	0.00	310.52	458.76
2000 06	0.00	202.63	448.87
2000 07	---	301.61	439.20
2000 08	---	222.42	429.74
2000 09	0.00	169.40	420.48
2000 10	0.48	197.61	411.42
2000 11	0.00	188.83	402.56
2000 12	0.00	157.03	393.88
2001 01	0.03	176.39	385.40
2001 02	0.07	188.29	377.09
2001 03	0.00	177.55	368.97
2001 04	0.00	170.30	361.02
2001 05	0.00	155.97	353.24
2001 06	0.00	109.10	345.63
2001 07	0.00	143.23	338.19
2001 08	0.06	163.97	330.90
2001 09	0.00	240.60	323.77
2001 10	0.00	219.00	316.79
2001 11	0.00	236.27	309.97
2001 12	0.00	---	303.29
2002 01	0.00	232.84	296.76
2002 02	0.00	183.29	290.36
2002 03	0.00	322.19	284.11
2002 04	0.70	---	277.99
2002 05	---	---	272.00
2002 06	---	---	266.14
2002 07	---	---	260.40
2002 08	---	---	254.79
2002 09	---	---	249.30
2002 10	---	---	243.93
2002 11	---	---	238.68
2002 12	---	---	233.53
2003 01	---	---	228.50



Well: MEYER A-1_20:UTL

Well Time Graph Report

Date	WI Cal Day Oil	WI Cal Day Gas1	WI Eng 2002 Forc G
	Bbl/d	mcf/d	mcf/d
1994 01	1.97	432.26	2,401.46
1994 02	0.71	376.86	2,349.72
1994 03	0.65	416.00	2,299.09
1994 04	0.43	420.10	2,249.56
1994 05	0.39	533.61	2,201.09
1994 06	0.70	509.60	2,153.67
1994 07	---	469.32	2,107.27
1994 08	0.61	594.19	2,061.87
1994 09	0.03	747.77	2,017.45
1994 10	0.55	771.03	1,973.98
1994 11	0.33	1,151.60	1,931.45
1994 12	0.35	1,127.32	1,889.84
1995 01	0.26	1,050.58	1,849.12
1995 02	0.32	959.64	1,809.28
1995 03	0.32	958.84	1,770.30
1995 04	0.33	951.60	1,732.16
1995 05	0.23	900.39	1,694.84
1995 06	0.20	901.27	1,658.33
1995 07	0.19	881.35	1,622.60
1995 08	0.42	799.90	1,587.64
1995 09	0.00	790.97	1,553.43
1995 10	0.00	716.81	1,519.96
1995 11	0.77	703.17	1,487.22
1995 12	4.61	469.74	1,455.17
1996 01	0.19	616.74	1,423.82
1996 02	0.21	793.52	1,393.15
1996 03	0.00	650.00	1,363.13
1996 04	0.00	762.17	1,333.76
1996 05	0.00	1,024.23	1,305.03
1996 06	0.00	1,041.10	1,276.91
1996 07	0.00	1,033.74	1,249.40
1996 08	0.00	969.61	1,222.48
1996 09	0.00	906.87	1,196.14
1996 10	0.00	899.65	1,170.37
1996 11	0.00	807.50	1,145.16
1996 12	0.00	843.10	1,120.48
1997 01	0.00	895.26	1,096.34
1997 02	0.00	860.00	1,072.72
1997 03	0.00	815.94	1,049.61
1997 04	0.00	813.67	1,027.00
1997 05	0.00	769.90	1,004.87
1997 06	0.00	724.10	983.22
1997 07	0.00	760.39	962.04
1997 08	0.00	723.00	941.31
1997 09	0.00	725.37	921.03
1997 10	0.00	697.61	901.19
1997 11	0.00	692.70	881.77
1997 12	0.00	674.65	862.77
1998 01	0.00	655.55	844.18
1998 02	0.00	639.68	826.00
1998 03	0.00	622.10	808.20
1998 04	0.00	572.53	790.79
1998 05	0.00	606.48	773.75
1998 06	0.00	604.83	757.08
1998 07	0.00	478.16	740.77

Location

~~2310' N~~
2310' N
760' W

Sec 17

TDS
R368

UL-E

Wellhead Compression Installation Procedure

1. Obtain necessary permits, if necessary.
2. Hold tailgate safety meeting. Identify potential hazards.
3. Identify and prep compressor location.
4. Shut-in well. Bleed-off lines prior to breaking connections.
5. Install compressor and make-up necessary lines.
6. Return well to production, start compressor in accordance to manufacturers recommendations. Have compressor personnel make adjustments as necessary.
7. Place compressor on maintenance schedule.
8. Thank You.

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