

District I - (505) 393-6161

P.O. Box 1980

Hobbs, NM 88241-1980

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

New Mexico

Energy Minerals and Natural Resources Department

Oil Conservation Division

2040 South Pacheco St

Santa Fe, New Mexico 87505

(505) 827-7131

Form C-140

Originated 11/1/93

Submit Original

Plus 2 Copies

to appropriate

District Office

17-0536

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

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

I. Operator: Conoco Inc.

OGRID #: 005073

Address: 10 Desta Drive, Suite 100W, Midland, TX 79705-4500

Contact Party: Sherry A. Cooper

Phone: (915) 686-6183

II. Name of Well: Hardy 36 State #1

API #: 30025321280000

Location of Well: Unit Letter K, 1980 Feet from the South line and 2230 Feet from the West line, Section 36, Township 20 S, Range 37 E, NMPM, Lea County.

III. Date Workover Procedures Commenced: April 15, 1998.

Date Workover Procedures were Completed: April 18, 1998.

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

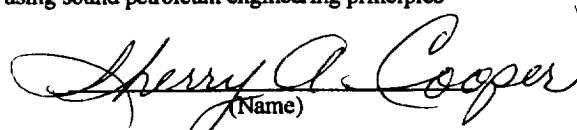
Hardy-Simpson-Ellenburger

AFFIDAVIT:

State of Texas)
) ss.
County of Midland)

Sherry A. Cooper, being first duly sworn, upon oath states:

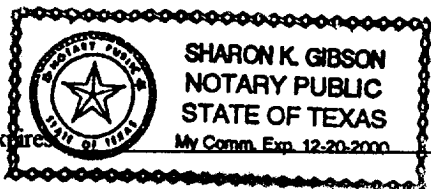
1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records, which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles


(Name)

Sr. Staff Financial Assistant
(Title)

217P

SUSCRIBED AND SWORN TO before me this 26th day of February, 1999.



My Commission expires

Sharon K. Gibson
Notary Public

FOR OIL CONSERVATION DIVISION USE ONLY:

VII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. 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 this Well Workover Project has been completed as of 4-18-1999-1998

[Signature]
District Supervisor, District 1
Oil Conservation Division

Date: 3/1/99

VIII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

1999
March 11
2-8

HARDY 36 STATE #01 (HWR 07/29/98)

HARDY 36 STATE #01 (HWR 07/29/98)

API No.	30025321280000	Status	OIL
TD	10625.0 ftKB	Frm. at TD	000GRWS
PBTD	7750.0 ftKB	Frm. Prod.	202MCKE
Operator	CONOCO INC	Permit	
Well No.	1	Spud	15-Nov-93
Permit No.		RR	
Field	HARDY	Completion	17-Apr-94
District	Hobbs O. U.	Last Act.	
Init. Well Class.	deeper pool test	Abandoned	
Final Well Class.	oil well		

Location

Township	S020	Top Latitude	32.5277
Half Township		Top Longitude	103.2059
Range	E037	Top NS Distance	1980.0 ft S
Half Range		Top EW Distance	2230.0 ft W
Section	36	Bottom Latitude	0
Spot	K	Bottom Longitude	0
Meridian Code	New Mexico	Btm NS Distance	0.0 ft
Meridian	NEW MEXICO	Btm EW Distance	0.0 ft

Elevations

KB	3500.5 ft	Cas Flng	0.0 ft
Grd	3489.0 ft	Tub Head	0.0 ft
KB-Grd	11.5 ft		

Bore Hole Data

Depth (ftKB)	Size (in)
533.0	17.5000
3900.0	12.2500
10625.0	8.7500

Casing String - Surface Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
13.3700 in Casing	533.0	14	12.5200	61.00	K-55		

Casing String - Intermediate Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
9.6300 in Casing	3900.0	93	8.8300	40.00	K-55		

Casing String - Production Casing

Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	Comments
7.0000 in Casing	10625.0	235	6.2800	26.00	L-80		
7.0000 in casing swedged	6965.0		5.8750	26.00	L-80		

Casing Cement

Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	11.5	525	
Intermediate Casing	11.5	1890	
Production Casing	1613.0	2100	

Other (plugs, equip., etc.) - Permanent Downhole Equipment

Date	Item	Int (ftKB)	Comments
25-Apr-98	RBP	7750.0 - 7755.0	
20-Mar-96	CIBP	10130.0 - 10135.0	
05-Jun-95	CIBP	10440.0 - 10445.0	DO and pushed from 10,340' to 10,440' on 6/5/95.
15-Feb-94	cement retainer	10448.0 - 10453.0	

Perforations

Date	Int	Shots (/ft)	Type	Comments
17-Jan-94	10350.0 - 10480.0	2.0	Jet perforation	10,350-366', 13,399-405', 10,419-436', 10,450-480'.
17-Feb-94	10165.0 - 10285.0	2.0	Jet perforation	10,165'-10,285'.
04-Mar-94	9940.0 - 10006.0	2.0	Jet perforation	9940'-10,006'.
11-Mar-94	7100.0 - 7101.0	4.0	Jet perforation	Shot and squeezed to shut off strong gas blow on intermediate casing.
20-Sep-94	6705.0 - 6746.0	2.0	Jet perforation	6706-10, 13-18, 20-24, 40-46'.
07-Oct-94	6705.0 - 6746.0	2.0	Jet perforation	6705-10, 13-18, 20-24, 40-46'.
21-Mar-96	10030.0 - 10070.0	2.0	Jet perforation	10,030'-10,070' (total of 81 holes)
15-Apr-98	7562.0 - 7706.0	2.0	Jet perforation	7562-70, 7626-64, 7700-7706'.

HARDY 36 STATE #01 (HWR 07/29/98)

Stimulations & Treatments								
Date	Type	Zone	Int	Fluid	Comments			
19-Jan-94	Acid Squeeze	Ellenb/Grani Wash	10350.0 - 10480.0	15% HCl	2500 gals 15% HCl, flushed w/2% KCl, AIR 2.4 bpm, AIP 2500#, ISIP 1900#, 5 min 700#, 10 min 320#, 15 min 140#.			
09-Feb-94	Acid Squeeze	Ellenburger	10350.0 - 10436.0	15% HCl	1500 gals 15% HCl w/130 - 0.9 ball sealers. Flushed w/2% KCl, AIP 3780#, ISIP 3010#, 5 min 2225#, 10 min 1752#, 15 min 1405#.			
15-Feb-94	Cement Squeeze	Granite Wash	10450.0 - 10480.0	Class "H" cement	35 sxs class "H" cement, max pres 2800#.			
21-Feb-94	Acid Squeeze	Connell	10165.0 - 10285.0	10% HCl	4000 gals 10% HCl w/300 - 0.9 ball sealers & 45 bbls 2% KCl flush. AIR 1.9 bpm, AIP 3600#, ISIP 3100#, 5 min 2150#, 10 min 1800#, 15 min 1549#.			
14-Mar-94	Cement Squeeze	Intermediate casing	1630.0 - 7101.0	Class "C" cement	Mixed & pumped 440 sxs class C lead slurry w/22 PPC BA-91 & 4 ppg FA w/0.3% CP-32 & 300 sxs class C tail slurry w/3% KCl, 0.8% FL62, 1% BA-29, 0.3% CD-32 & 0.2% SMB @ 3-3.5 bpm. Displaced w/26.5 bbls, held 500# back pres on annulus during displacement due to gas flow.			
18-Mar-94	Acid Squeeze	Upper McKee	9940.0 - 10006.0	10% HCl	2500 gals 10% HCl @ 2 bpm, max 2835#, ISIP 2142#, 5 min 800#, 10 min 27#, 15 min vacuum.			
20-Sep-94	Acid Squeeze	Drinkard	6705.0 - 6746.0	15% HCl	3000 gals 15% HCl @ 2 bpm w/70 - 0.9 ball sealers & 9# flush. AIR 2 bpm, AIP 2900#, ISIP 2500#, 5 min 2050#, 10 min 1489#, 15 min 1000#.			
04-Oct-94	Cement Squeeze	Drinkard	6705.0 - 6746.0	cement	squeezed w/100 sxs @ 3 bpm, AIP 1300#.			
07-Oct-94	Acid Squeeze	Drinkard	6705.0 - 6746.0	15% HCl	3000 gal 15% HCl, AIR 0.8 bpm, AIP 2100#, flush w/9#.			
10-Jan-95	Cement Squeeze	Drinkard	6700.0 - 6750.0	cement	squeezed, set RBP @ 7470' and pkr @ 6578', est injection w/30 bbls @ 2 bpm & 1500#, started cement @ 2 bpm & 1900#, displaced tbq w/20 bbls water @ 2200#, pumped cement into formation w/7 bbls over-flush @ 2500#, 1.3 bpm, SI w/2500#. DO cement, tested squeezed perfs, leaked off from 500# to 400# in 1 min. Re-squeezed Drinkard perfs. Pumped 6 bbls @ 1.5 bpm & 1900# inj rate, opened by pass on packer, put away 15 bbls @ 1.5 bpm & 1900#, SIP 2700#, 4.5 bbls cement into formation & 2 bbls left above perfs.			
25-Mar-96	Fracture	Lower McKee	10030.0 - 10070.0	Spectra G-3000	Pumped 36 bbls 7.5% HCl, 48 bbls pre-pad, 60 bbl pad, 48 bbls w/0.5#, 19 bbls w/0.5# to 2#, 20 bbls w/2# to 4#, 22 bbls 4# to 6#, 63 bbls 6# to 8#, 84 bbls 6# to 8#. Screened out. Sand was 16/30 SB ultra, tagged w/iridium. Est 16,000# in formation.			
16-Apr-98	Acid Squeeze	STRAWN	7562.0 - 7706.0	15% HCL	2500 gals 15% HCl dropping 1.3 bs to divert. AIR 3.8 bpm, AIP 4460#, ISIP 4125#, 5 min 3750#, 10 min 3540#, 15 min 3130#.			
17-Apr-98	ACID Fracture	STRAWN	7562.0 - 7706.0	30 QUALITY GELLED 20% ACID	429 bbls 30 quality 20% XL acid II & 71 bbls 30 quality 20% gelled acid dropping 1.3 bs. AIR 15 bpm, AIP 5850#, ISIP 4650#, 5 min 4010#, 10 min 3540#, 15 min 3130#.			
Tubing String - Primary Tubing (L-80)								
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd	Comments
2.8740 in Tubing	9.5	7274.5	231	2.4409	6.50	L-80	8rd	
4.7500 in Tubing Anchor	7284.0	3.0	1	2.4409	6.50	L-80	8rd	
2.8750 in Tubing	7287.0	437.5	14	2.4409	6.50	L-80	8rd	
2.8750 in Seat Nipple	7724.5	1.0	1	2.4409	6.50	L-80	8rd	
2.8750 in Notched Collar	7725.5	0.5		2.4409	6.50	L-80	8rd	
Rod String - Tapered Rod String (All Norris 97 rods.)								
Size (in)	Type	Top (ftKB)	Len (ft)	No.	Comments			
1.5000	Polished rod	0.5	26.0	1				
0.8750	7/8" Rod	26.5	2450.0	98				
0.7500	3/4" Rod	2476.5	5100.0	204				
1.5000	K-bars	7576.5	125.0	5				
1.8750	2.5 x 1.5 RHBC 24-3' PA grade B pump	7701.5	24.0	1				
1.5000	strainer nipple	7725.5	0.5	1				
Completions & Workovers								
Date	Reason for Workover	Reason for Failure	Summary					
07-Jun-95	Ellenburger Commingle	Add Pay	Ellenburger Commingle - POH w/rods & pump, NUBOP, POH w/tubing. GIH w/bit & bailer on 2-3/8", TFF @ 10,230' CO w/bailer to 10,340', DO & push CIBP ti 10,440'.					

HARDY 36 STATE #01 (HWR 07/29/98)

Completions & Workovers (con't)			
Date	Reason for Workover	Reason for Failure	Summary
05-Sep-95	Rod part	Wear	Rod part - 3/4" body break, 196 rods down. Changed out 50 x 3/4" rod couplings, striped OOH to recover pump stuck in bottom jt due to McKee sand.
13-Sep-95	Stuck pump	Sand	Stuck pump - POH w/rods and pump, RIH w/rods and pump.
22-Sep-95	Stuck pump	Sand	Stuck pump - Unable to unseat pump, backed off rods, stripped OOH. Changed out 98 x 3/4" rod boxes due to wear. RIH with a Patco scraped rod between each triple on the bottom 100 rods (well has 9 K-bars over the pump).
05-Feb-96	Rod part	Wear	Rod part - 7/8" box break, 117 rods down. Unable to fish part, POH w/tubing, LD 4 bad jts of tubing. Lowered tbg 90' to tag for fill, did not tag fill. LD 31 x 7/8" & 15 x 3/4" worn rod boxes, changed pump.
23-Feb-96	Pump change	Sand	Pump change - Changed pump, LD 4" SOPMA, RIH w/2-7/8" SOPMA.
05-Mar-96	Stuck pump	Sand	Stuck pump - Backed-off rods, POH w/364. POH w/tubing to top of rods, stripped out rods. LD 4 x 1.5" K-bars, remaining K-bars stuck in bottom 5 jts of tubing (McKee sand). Broke out each jt and cut K-bar with hacksaw in order to LD. LD SOPMA, RIH w/SN on bottom (10,066' + KB of 15.6' = 10,081.6'). Built and installed top & bottom hold-down cavity for double pack-off effect for pump, used mech holddown on bottom and cup holddown on top of cavity, allowing pump to seat on each end.
26-Jul-96	Rod part	Damaged	Rod part - 3/4" body break, 136 rods down. Failed rod appeared to have been damaged by back-off tool in a previous pull job.
14-Aug-96	Rod part	Damaged	Rod part - 3/4" body break, 367 rods down. Parted rod had a small "ding" at the point of failure, changed pump.
07-Nov-96	Rod sub part	Other	Rod sub part - Parted in body of 6' x 7/8" pony sub, 10' below bottom of PR. Fished part, POH w/rods & pump, exchanged pump.
05-Jun-97	Rod part	Other	Rod part - POH to 3/4" body break, 135 rods down. RU wireline company, ran temp log, RD wireline co. Changed out 15 x 7/8" and 15 x 3/4" rod couplings (wear?), changed pump.
07-Jul-97	Not pumping	Other	Not pumping - Unseat & POH w/rods and pump. Released & POH w/tubing. Tubing hung up w/93 jts out (this would put the TAC @ 6850'), worked tubing loose & finished OOH. RIH w/SOPMA, new TAC and tubing. RIH w/new pump.
21-Jul-97	Starving pump	Other	Starving pump - POH w/rods, did not have pump. NUBOP, POH w/tubing to retrieve pump. LD one bad jt and pump, found strainer plugged with pieces of rubber.
28-Jul-97	Not pumping	Clean Out Fill	Not pumping - POH w/rods and pump, NUBOP, TOOH. RIH w/notched collar, 20 jts, bailer and tubing. CO to 10,126' (found small pieces of rubber and sand). RIH w/tubing (found some split jts while going in the hole). RIH w/pump and rods.
25-Apr-98	ADD PAY STIMULATE	Re-completion	ADD PAY STIMULATE - PUMP STUCK. STRIPPED OUT. GIH W/ BIT & SCRAPER TO 8024'. GIH W/ PKR & PLUG. SET PLUG @ 7750', TESTED. POH W/ PKR. PERFORATE STRAWN, TOTAL OF 107 HOLES. PU & HYDROTEST 3 1/2" WS & TREATING PKR IN HOLE. SET PKR @ 7495'. ACIDIZE, ACID FRAC STRAWN. SI FOR 4 HOURS. FLOW BACK. OPENING PRESSURE 750# RECOVERED 902 BBL OIL. RU SLICKLINE SET BLANKING PLUG IN PKR. GOT OFF ON/OFF TOOL, POH LAYING DOWN 3 1/2" WS. GIH, POH, LAYING DOWN 2 3/8 PROD TBG, AND ROD STRING. PU & GIH W/ 237 JTS 2 7/8 L-80 TBG. LATCH ON/OFF TOOL. SWABBED FLUD LEVEL DOWN TO 5300'. RU SLICKLINE. FISH BLANKING PLUG. RAN SI BHP BOMB. RD SLICKLINE. RDMO.
05-Jun-98	Run rods & pump	Convert to Pumping Well	Run rods & pump - MIRU, Kill well, NUBOP. Release Pkr, POH. RUWL, fish pressure bombs. GIH w/notched collar, SN, 14 jts 2-7/8" N-80, TAC, 231 jts 2-7/8" N-80. NDBOP, RIH w/pump, K-bars & rods. Start up pumping unit.
09-Jul-98	Stuck Pump	Scale	Stuck Pump - MIRU, opened up well, work pump free. POH w/rods & pump. Pump stuck open. RIH w/new pump, same size: 2.5 x 1.5 RHBC 24-6 with 4 x 1.5" K-bars, 204 x 3/4" 97's and 98 x 7/8" 97's (some of the 3/4" rods have Patco guides).
29-Jul-98	Stuck Pump	Scale	Stuck Pump - Found scale inside pump for the second time now. Since no other Strawn producer on the lease has had a scale problem, it is suspected that the current scale is related to load water lost during the latest remedial work. Because of this possibility and the fact that we should be close to recovering load water, no scale squeeze was pumped. The pump design was changed from a 6' spray metal to a 3' PA.
28-Dec-98	Stuck Pump	Scale	Stuck Pump - Long stroked pump, could not get well to pump. POH w/rods and pump, tear-down showed scale in pump. RIH w/replacement pump. (no indication in files as to the make-up of the scale, or whether a sample was passed on for analysis).
Formation/Horizon Tops			
Top (ftKB)	Frm. Code		
2610.0	453YTES		
2882.0	453SVRV		
3521.0	453QUEN		
3784.0	453GRBG		
4009.0	453SADR		
5217.0	453GLRT		
5763.0	452BLBR		
6308.0	452TUBB		
6602.0	452DRKD		
6886.0	452ABO		
7510.0	404STRN		

HARDY 36 STATE #01 (HWR 07/29/98)

Formation/Horizon Tops (con't)

Top (ftKB)	Frm. Code
7986.0	309DVNN
9640.0	202SMPS
9940.0	202MCKE
10359.0	201ELBG
10450.0	000GRWS

Logs Run

Date	Type	Int	Company	Comments
14-Dec-93	Comp Z-Den/Comp Neu/GR/Caliper	2350.0 - 10618.0	Atlas	
14-Dec-93	Dual Induction Focused Log/GR/SP/Calipe	3895.0 - 10618.0	Atlas	
14-Dec-93	Long Spaced BHC	8450.0 - 10618.0	Atlas	
15-Dec-93	Computed DIPLOG	9970.0 - 10604.0	Atlas	
16-Dec-93	Epilog	3895.0 - 10585.0	Atlas	
16-Dec-93	4 Arm DILOG	9970.0 - 10608.0	Atlas	
13-Jan-94	Cement Bond Variable Density Log	6600.0 - 10548.0	Schlumberger	
17-Jan-94	GR/Collar Log	10000.0 - 10310.0	Schlumberger	
16-Feb-94	GR/Collar Log	9715.0 - 10010.0	Schlumberger	
09-Mar-94	Noise/Temp	3500.0 - 8100.0	Wedge	
19-Sep-94	CBL	1390.0 - 6885.0	Wedge	
06-Oct-94	CBL	6450.0 - 7222.0	Wedge	
14-Oct-94	PRAL	6000.0 - 7100.0	Wedge	

WellHead Notes

Date	Note
17-Aug-98	6" x 1500 x 900 combination x 2-7/8"

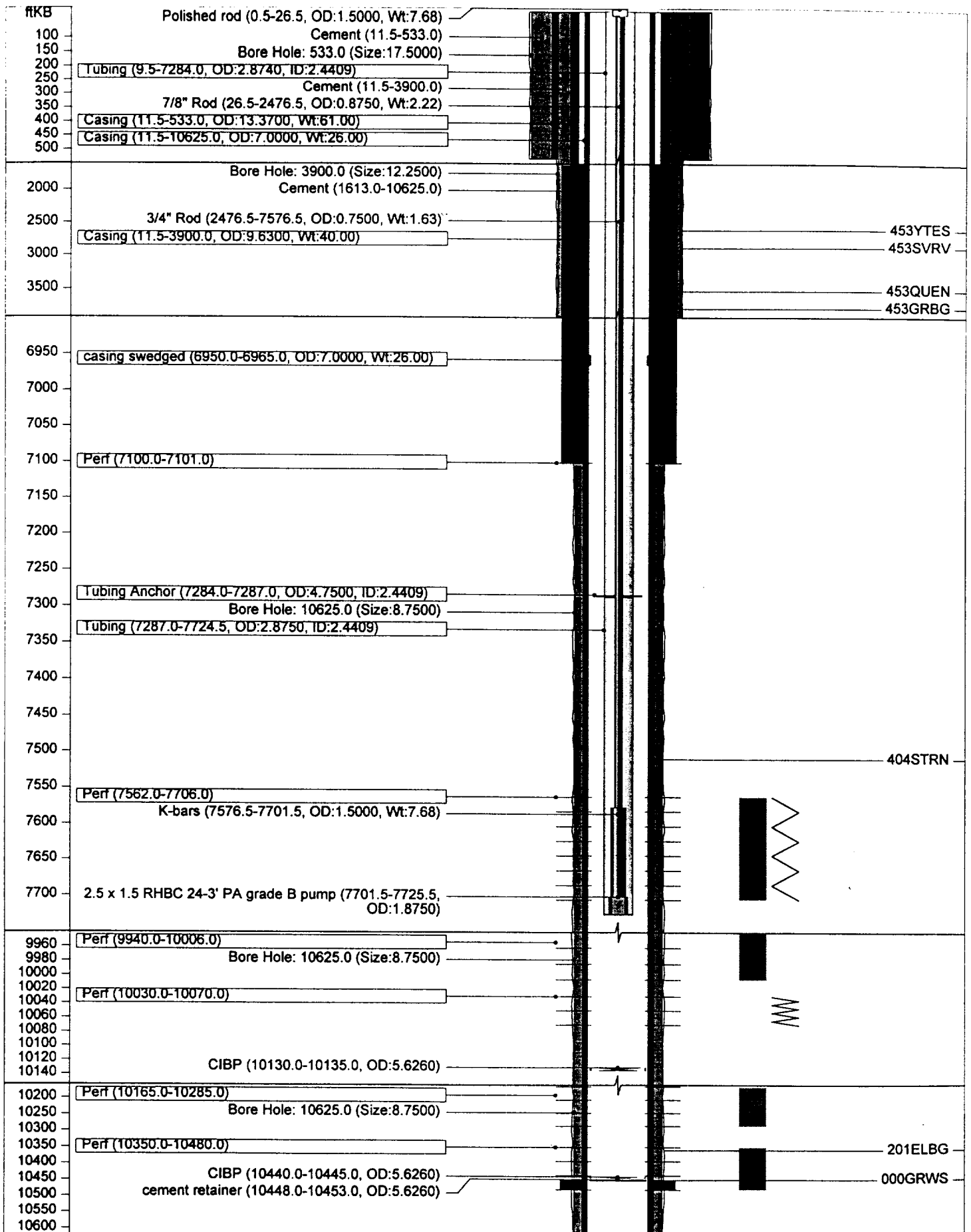
Pumping Unit Notes

Date	Note
03-Jun-98	American 640-305-144 @ 8 spm w/7.5" sheave, in 120" stroke, 60 hp, 1135 rpm, 4041 frame, 29.25 gear ratio W/36" gearbox sheave, 6-C240 belts, has 1 size "1XJR" & 1 size "1XJL" weights, last checked by Fannie Lee 11/14/96.

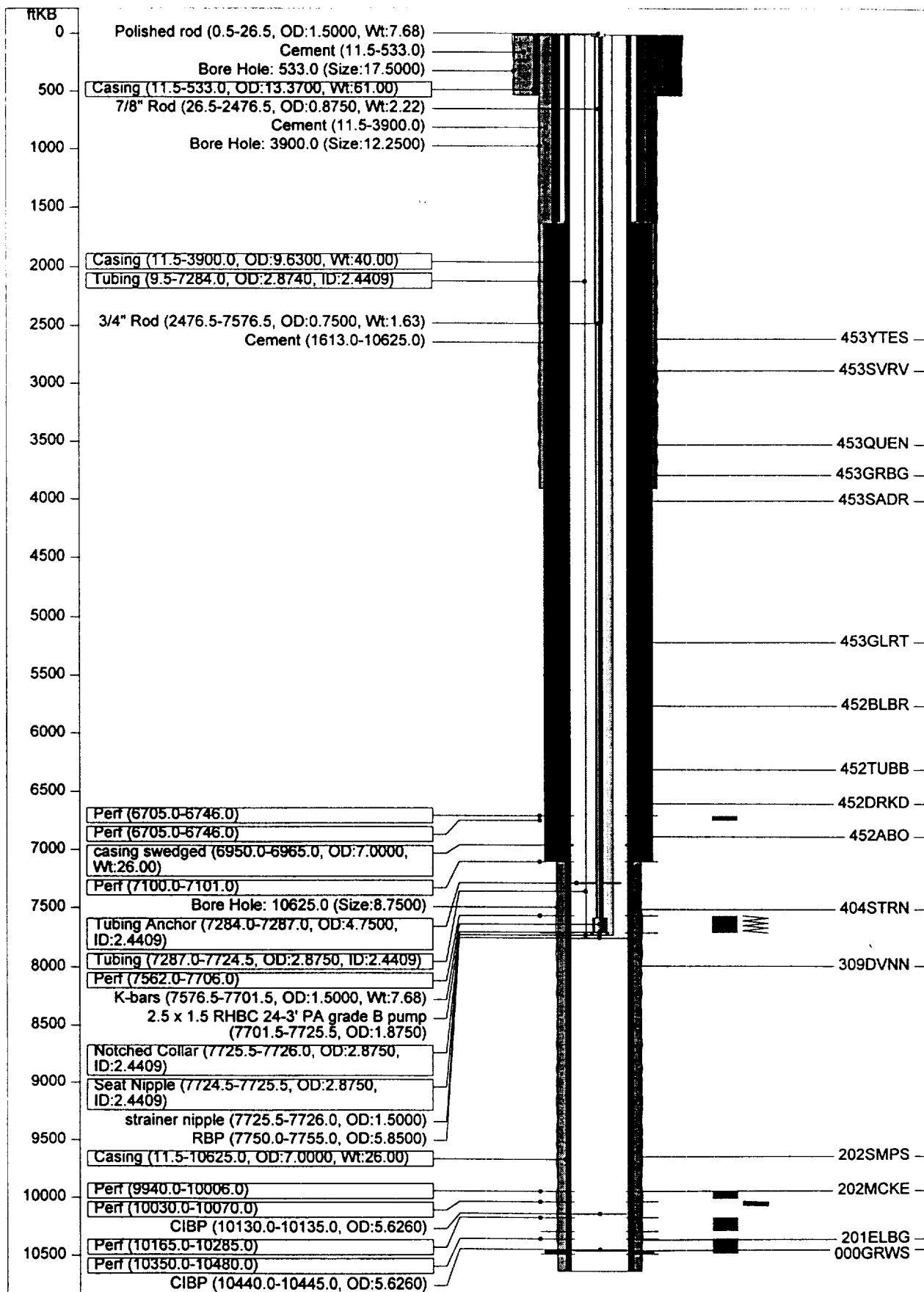
General Notes

Date	Note
26-Sep-94	Drinkard bottom hole pressure measured at 2720#.
28-Sep-94	Casing partially collapsed from 6950' to 6965', swedged-out w/3.25" tool to 6.375" tool. On 11/8/94 it took 30 points pull and on 1/10/95 it took 22 points pull to get through tight spot @ 6950'.

HARDY 36 STATE #01 (HWR 07/25/98)

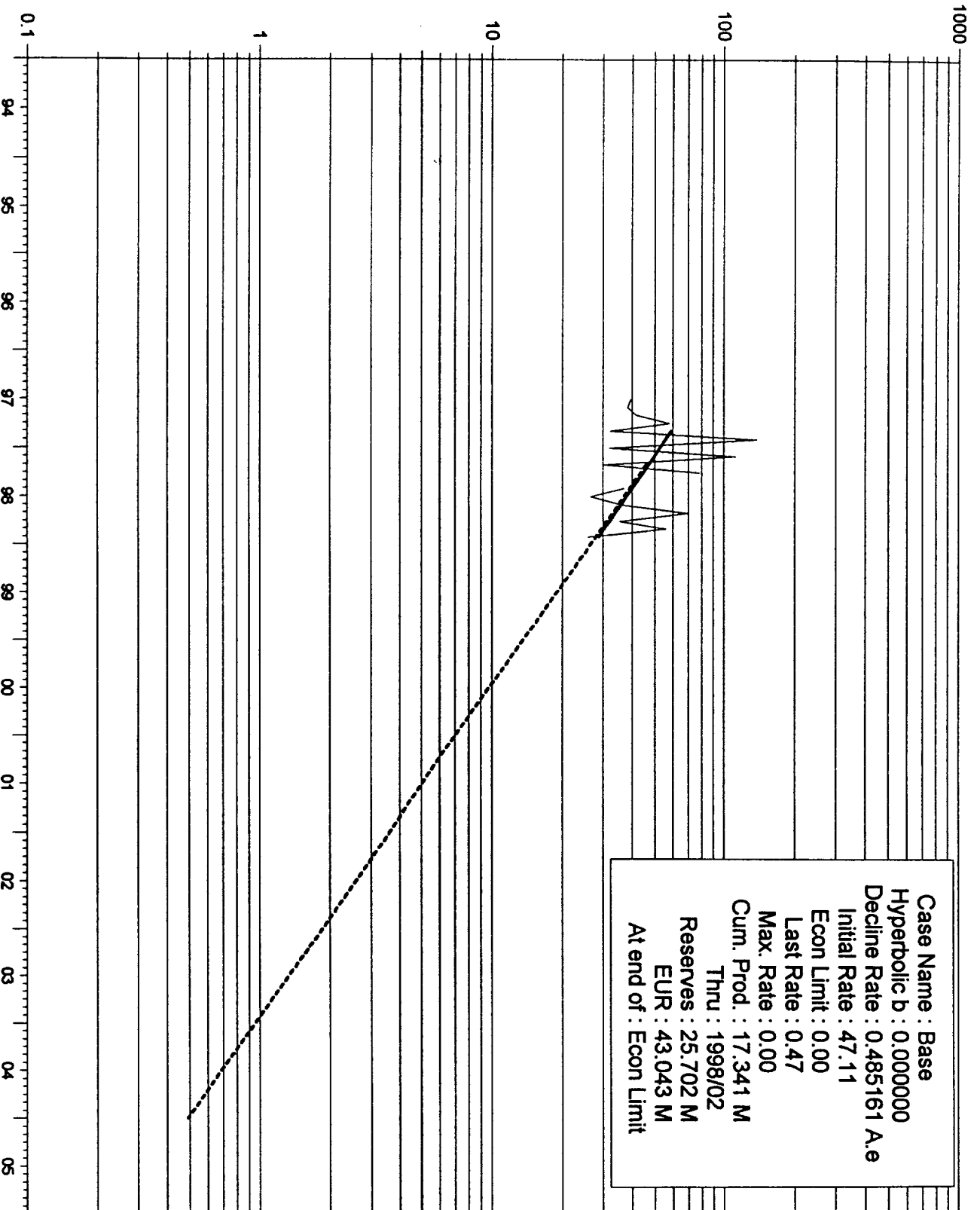


HARDY 36 STATE #01 (HWR 07/29/98)



HARDY 36 ST 1:EL

Oil Rate (CD)



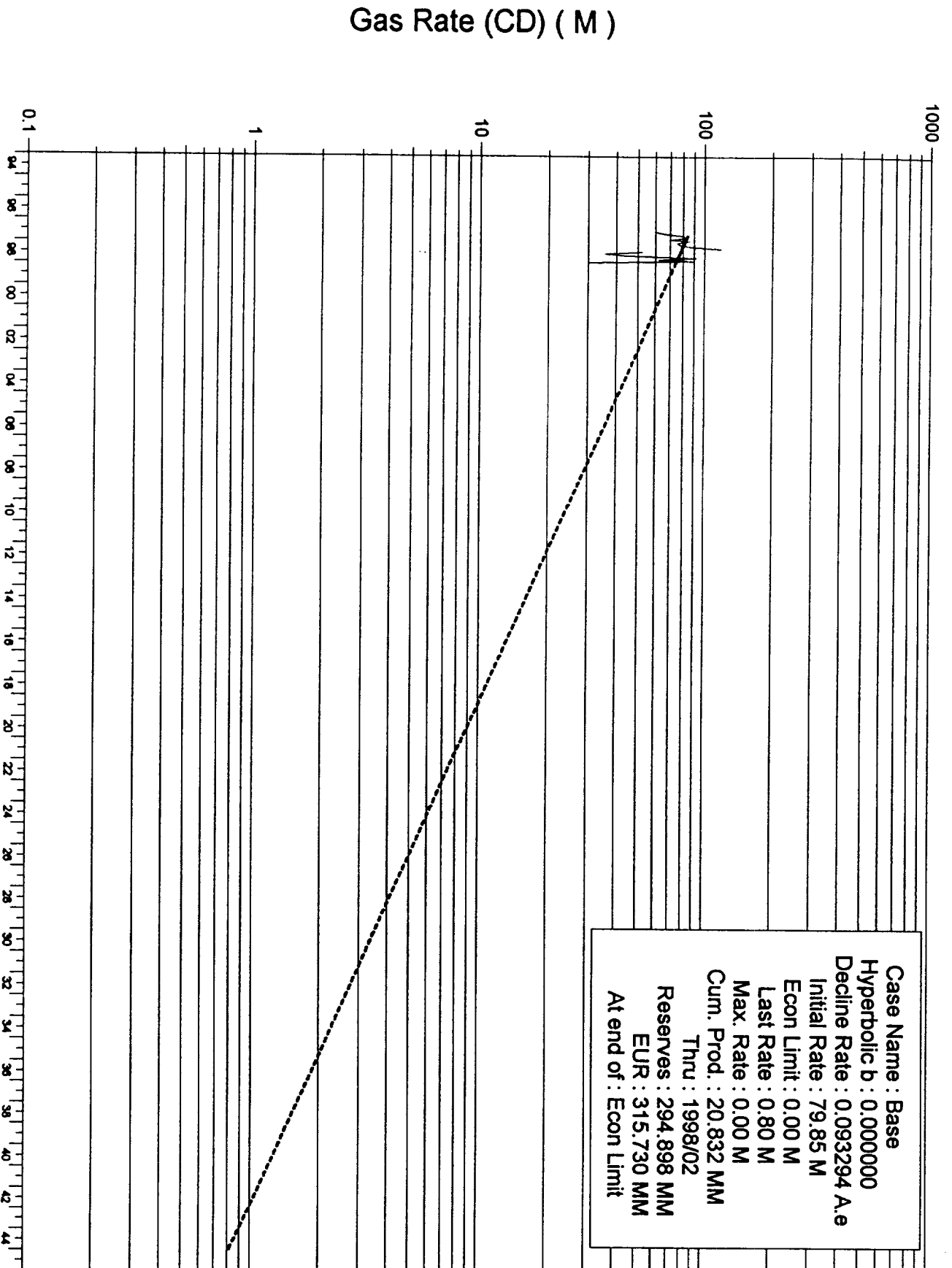
HARDY_36_ST_1:EL

End of DATE	Instant Rate bbls/d	Average Rate bbls/d	Monthly Volume Mbbbls	Cumulative Volume Mbbbls	Remaining Reserves Mbbbls		
-----	-----	-----	-----	-----	-----		
Schedule: # 1							
1998/ 3	44.57	45.66	1.42	18.8	24.3	#	1
1998/ 4	42.17	43.41	1.30	20.1	23.0	#	1
1998/ 5	39.90	40.98	1.27	21.3	21.7	#	1
1998/ 6	37.75	38.86	1.17	22.5	20.5	#	1
1998/ 7	35.72	36.69	1.14	23.6	19.4	#	1
1998/ 8	33.80	34.75	1.08	24.7	18.3	#	1
1998/ 9	31.98	32.92	0.99	25.7	17.3	#	1
1998/10	30.26	31.08	0.96	26.7	16.4	#	1
1998/11	28.63	29.47	0.88	27.5	15.5	#	1
1998/12	27.09	27.82	0.86	28.4	14.6	#	1
1999/ 1	25.63	26.35	0.82	29.2	13.8	#	1
1999/ 2	24.25	25.02	0.70	29.9	13.1	#	1
1999/ 3	22.95	23.51	0.73	30.7	12.4	#	1
1999/ 4	21.71	22.35	0.67	31.3	11.7	#	1
1999/ 5	20.54	21.10	0.65	32.0	11.1	#	1
1999/ 6	19.44	20.01	0.60	32.6	10.5	#	1
1999/ 7	18.39	18.89	0.59	33.2	9.9	#	1
1999/ 8	17.40	17.89	0.55	33.7	9.3	#	1
1999/ 9	16.46	16.95	0.51	34.2	8.8	#	1
1999/10	15.58	16.00	0.50	34.7	8.3	#	1
1999/11	14.74	15.17	0.46	35.2	7.9	#	1
1999/12	13.95	14.32	0.44	35.6	7.4	#	1
2000/ 1	13.20	13.57	0.42	36.0	7.0	#	1
2000/ 2	12.48	12.87	0.37	36.4	6.6	#	1
2000/ 3	11.81	12.12	0.38	36.8	6.3	#	1
2000/ 4	11.18	11.51	0.35	37.1	5.9	#	1
2000/ 5	10.58	10.86	0.34	37.5	5.6	#	1
2000/ 6	10.01	10.30	0.31	37.8	5.3	#	1
2000/ 7	9.47	9.72	0.30	38.1	5.0	#	1
2000/ 8	8.96	9.21	0.29	38.4	4.7	#	1
2000/ 9	8.48	8.72	0.26	38.6	4.4	#	1
2000/10	8.02	8.24	0.26	38.9	4.2	#	1
2000/11	7.59	7.81	0.23	39.1	3.9	#	1
2000/12	7.18	7.37	0.23	39.3	3.7	#	1
2001/ 1	6.79	6.99	0.22	39.6	3.5	#	1
2001/ 2	6.43	6.63	0.19	39.8	3.3	#	1
2001/ 3	6.08	6.23	0.19	39.9	3.1	#	1
2001/ 4	5.75	5.92	0.18	40.1	2.9	#	1
2001/ 5	5.45	5.59	0.17	40.3	2.7	#	1
2001/ 6	5.15	5.30	0.16	40.5	2.6	#	1
2001/ 7	4.87	5.01	0.16	40.6	2.4	#	1
2001/ 8	4.61	4.74	0.15	40.8	2.3	#	1
2001/ 9	4.36	4.49	0.13	40.9	2.2	#	1
2001/10	4.13	4.24	0.13	41.0	2.0	#	1
2001/11	3.91	4.02	0.12	41.1	1.9	#	1
2001/12	3.70	3.80	0.12	41.3	1.8	#	1
2002/ 1	3.50	3.60	0.11	41.4	1.7	#	1
2002/ 2	3.31	3.41	0.10	41.5	1.6	#	1
2002/ 3	3.13	3.21	0.10	41.6	1.5	#	1
2002/ 4	2.96	3.05	0.09	41.7	1.4	#	1
2002/ 5	2.80	2.88	0.09	41.7	1.3	#	1
2002/ 6	2.65	2.73	0.08	41.8	1.2	#	1
2002/ 7	2.51	2.58	0.08	41.9	1.1	#	1

HARDY_36_ST_1:EL

End of DATE	Instant Rate bbls/d	Average Rate bbls/d	Monthly Volume Mbbbls	Cumulative Volume Mbbbls	Remaining Reserves Mbbbls		
2002/ 8	2.37	2.44	0.08	42.0	1.1	#	1
2002/ 9	2.25	2.31	0.07	42.1	1.0	#	1
2002/10	2.13	2.18	0.07	42.1	0.9	#	1
2002/11	2.01	2.07	0.06	42.2	0.9	#	1
2002/12	1.90	1.95	0.06	42.2	0.8	#	1
2003/ 1	1.80	1.85	0.06	42.3	0.7	#	1
2003/ 2	1.70	1.76	0.05	42.4	0.7	#	1
2003/ 3	1.61	1.65	0.05	42.4	0.6	#	1
2003/ 4	1.53	1.57	0.05	42.5	0.6	#	1
2003/ 5	1.44	1.48	0.05	42.5	0.5	#	1
2003/ 6	1.37	1.41	0.04	42.5	0.5	#	1
2003/ 7	1.29	1.33	0.04	42.6	0.5	#	1
2003/ 8	1.22	1.26	0.04	42.6	0.4	#	1
2003/ 9	1.16	1.19	0.04	42.7	0.4	#	1
2003/10	1.09	1.12	0.03	42.7	0.4	#	1
2003/11	1.04	1.07	0.03	42.7	0.3	#	1
2003/12	0.98	1.01	0.03	42.8	0.3	#	1
2004/ 1	0.93	0.95	0.03	42.8	0.3	#	1
2004/ 2	0.88	0.90	0.03	42.8	0.2	#	1
2004/ 3	0.83	0.85	0.03	42.8	0.2	#	1
2004/ 4	0.79	0.81	0.02	42.9	0.2	#	1
2004/ 5	0.74	0.76	0.02	42.9	0.2	#	1
2004/ 6	0.70	0.72	0.02	42.9	0.1	#	1
2004/ 7	0.67	0.68	0.02	42.9	0.1	#	1
2004/ 8	0.63	0.65	0.02	42.9	0.1	#	1
2004/ 9	0.60	0.61	0.02	43.0	0.1	#	1
2004/10	0.56	0.58	0.02	43.0	0.1	#	1
2004/11	0.53	0.55	0.02	43.0	0.0	#	1
2004/12	0.50	0.52	0.02	43.0	0.0	#	1
2005/ 1	0.48	0.49	0.02	43.0	0.0	#	1

HARDY 36 ST 1:EL



HARDY_36_ST_1:EL

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
Schedule: # 1							
1998/ 3	79.20	79.25	2.46	23.3	292.4	#	1
1998/ 4	78.56	78.96	2.37	25.7	290.1	#	1
1998/ 5	77.92	78.15	2.42	28.1	287.7	#	1
1998/ 6	77.28	77.68	2.33	30.4	285.3	#	1
1998/ 7	76.66	76.89	2.38	32.8	282.9	#	1
1998/ 8	76.03	76.35	2.37	35.2	280.6	#	1
1998/ 9	75.42	75.81	2.27	37.4	278.3	#	1
1998/10	74.80	75.03	2.33	39.8	276.0	#	1
1998/11	74.19	74.58	2.24	42.0	273.7	#	1
1998/12	73.59	73.81	2.29	44.3	271.4	#	1
1999/ 1	72.99	73.29	2.27	46.6	269.2	#	1
1999/ 2	72.40	72.95	2.04	48.6	267.1	#	1
1999/ 3	71.81	71.86	2.23	50.8	264.9	#	1
1999/ 4	71.23	71.60	2.15	53.0	262.8	#	1
1999/ 5	70.65	70.86	2.20	55.2	260.6	#	1
1999/ 6	70.07	70.44	2.11	57.3	258.4	#	1
1999/ 7	69.51	69.71	2.16	59.4	256.3	#	1
1999/ 8	68.94	69.22	2.15	61.6	254.1	#	1
1999/ 9	68.38	68.73	2.06	63.7	252.1	#	1
1999/10	67.82	68.03	2.11	65.8	250.0	#	1
1999/11	67.27	67.62	2.03	67.8	247.9	#	1
1999/12	66.73	66.93	2.07	69.9	245.9	#	1
2000/ 1	66.18	66.45	2.06	71.9	243.8	#	1
2000/ 2	65.64	66.06	1.92	73.8	241.9	#	1
2000/ 3	65.11	65.23	2.02	75.9	239.9	#	1
2000/ 4	64.58	64.92	1.95	77.8	237.9	#	1
2000/ 5	64.06	64.25	1.99	79.8	235.9	#	1
2000/ 6	63.54	63.87	1.92	81.7	234.0	#	1
2000/ 7	63.02	63.21	1.96	83.7	232.0	#	1
2000/ 8	62.51	62.76	1.95	85.6	230.1	#	1
2000/ 9	62.00	62.32	1.87	87.5	228.2	#	1
2000/10	61.50	61.68	1.91	89.4	226.3	#	1
2000/11	61.00	61.31	1.84	91.2	224.5	#	1
2000/12	60.50	60.68	1.88	93.1	222.6	#	1
2001/ 1	60.01	60.25	1.87	95.0	220.7	#	1
2001/ 2	59.52	59.97	1.68	96.7	219.1	#	1
2001/ 3	59.04	59.07	1.83	98.5	217.2	#	1
2001/ 4	58.56	58.86	1.77	100.3	215.5	#	1
2001/ 5	58.08	58.26	1.81	102.1	213.7	#	1
2001/ 6	57.61	57.91	1.74	103.8	211.9	#	1
2001/ 7	57.14	57.31	1.78	105.6	210.1	#	1
2001/ 8	56.68	56.91	1.76	107.4	208.4	#	1
2001/ 9	56.22	56.51	1.70	109.1	206.7	#	1
2001/10	55.76	55.93	1.73	110.8	204.9	#	1
2001/11	55.31	55.59	1.67	112.5	203.3	#	1
2001/12	54.86	55.02	1.71	114.2	201.6	#	1
2002/ 1	54.41	54.63	1.69	115.9	199.9	#	1
2002/ 2	53.97	54.38	1.52	117.4	198.4	#	1
2002/ 3	53.53	53.56	1.66	119.0	196.7	#	1
2002/ 4	53.09	53.37	1.60	120.6	195.1	#	1
2002/ 5	52.66	52.82	1.64	122.3	193.5	#	1
2002/ 6	52.23	52.51	1.58	123.8	191.9	#	1
2002/ 7	51.81	51.97	1.61	125.5	190.3	#	1

HARDY_36_ST_1:EL

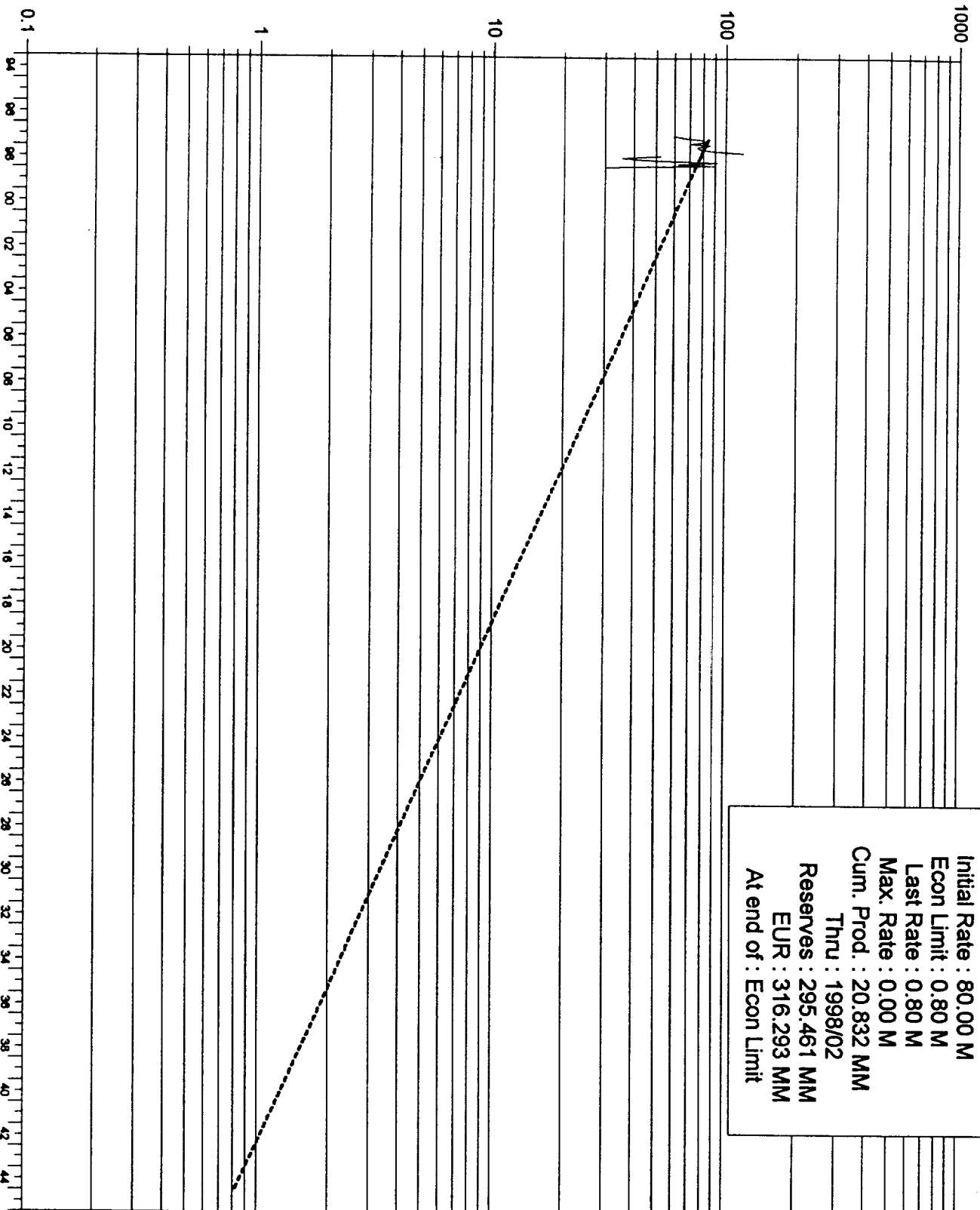
End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2002/ 8	51.39	51.60	1.60	127.1	188.7	#	1
2002/ 9	50.97	51.24	1.54	128.6	187.1	#	1
2002/10	50.56	50.71	1.57	130.2	185.6	#	1
2002/11	50.15	50.41	1.51	131.7	184.0	#	1
2002/12	49.74	49.89	1.55	133.2	182.5	#	1
2003/ 1	49.33	49.54	1.54	134.8	181.0	#	1
2003/ 2	48.93	49.30	1.38	136.1	179.6	#	1
2003/ 3	48.54	48.57	1.51	137.6	178.1	#	1
2003/ 4	48.14	48.39	1.45	139.1	176.6	#	1
2003/ 5	47.75	47.89	1.48	140.6	175.1	#	1
2003/ 6	47.36	47.61	1.43	142.0	173.7	#	1
2003/ 7	46.98	47.12	1.46	143.5	172.3	#	1
2003/ 8	46.60	46.79	1.45	144.9	170.8	#	1
2003/ 9	46.22	46.46	1.39	146.3	169.4	#	1
2003/10	45.84	45.98	1.43	147.7	168.0	#	1
2003/11	45.47	45.70	1.37	149.1	166.6	#	1
2003/12	45.10	45.23	1.40	150.5	165.2	#	1
2004/ 1	44.73	44.92	1.39	151.9	163.8	#	1
2004/ 2	44.37	44.65	1.29	153.2	162.5	#	1
2004/ 3	44.01	44.09	1.37	154.6	161.2	#	1
2004/ 4	43.65	43.88	1.32	155.9	159.8	#	1
2004/ 5	43.30	43.43	1.35	157.2	158.5	#	1
2004/ 6	42.94	43.17	1.29	158.5	157.2	#	1
2004/ 7	42.59	42.72	1.32	159.9	155.9	#	1
2004/ 8	42.25	42.42	1.32	161.2	154.6	#	1
2004/ 9	41.90	42.12	1.26	162.4	153.3	#	1
2004/10	41.56	41.69	1.29	163.7	152.0	#	1
2004/11	41.23	41.44	1.24	165.0	150.8	#	1
2004/12	40.89	41.01	1.27	166.2	149.5	#	1
2005/ 1	40.56	40.72	1.26	167.5	148.2	#	1
2005/ 2	40.23	40.53	1.13	168.6	147.1	#	1
2005/ 3	39.90	39.93	1.24	169.9	145.9	#	1
2005/ 4	39.58	39.78	1.19	171.1	144.7	#	1
2005/ 5	39.26	39.37	1.22	172.3	143.4	#	1
2005/ 6	38.94	39.14	1.17	173.5	142.3	#	1
2005/ 7	38.62	38.74	1.20	174.7	141.1	#	1
2005/ 8	38.31	38.46	1.19	175.9	139.9	#	1
2005/ 9	37.99	38.19	1.15	177.0	138.7	#	1
2005/10	37.69	37.80	1.17	178.2	137.6	#	1
2005/11	37.38	37.57	1.13	179.3	136.4	#	1
2005/12	37.08	37.19	1.15	180.5	135.3	#	1
2006/ 1	36.77	36.93	1.14	181.6	134.1	#	1
2006/ 2	36.47	36.75	1.03	182.6	133.1	#	1
2006/ 3	36.18	36.20	1.12	183.7	132.0	#	1
2006/ 4	35.89	36.07	1.08	184.8	130.9	#	1
2006/ 5	35.59	35.70	1.11	185.9	129.8	#	1
2006/ 6	35.30	35.49	1.06	187.0	128.7	#	1
2006/ 7	35.02	35.12	1.09	188.1	127.6	#	1
2006/ 8	34.73	34.87	1.08	189.2	126.6	#	1
2006/ 9	34.45	34.63	1.04	190.2	125.5	#	1
2006/10	34.17	34.27	1.06	191.3	124.5	#	1
2006/11	33.89	34.07	1.02	192.3	123.4	#	1
2006/12	33.62	33.72	1.05	193.3	122.4	#	1
2007/ 1	33.34	33.48	1.04	194.4	121.4	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2007/ 2	33.07	33.32	0.93	195.3	120.4	#	1
2007/ 3	32.80	32.82	1.02	196.3	119.4	#	1
2007/ 4	32.54	32.71	0.98	197.3	118.4	#	1
2007/ 5	32.27	32.37	1.00	198.3	117.4	#	1
2007/ 6	32.01	32.18	0.97	199.3	116.5	#	1
2007/ 7	31.75	31.85	0.99	200.3	115.5	#	1
2007/ 8	31.49	31.62	0.98	201.2	114.5	#	1
2007/ 9	31.24	31.40	0.94	202.2	113.5	#	1
2007/10	30.98	31.08	0.96	203.2	112.6	#	1
2007/11	30.73	30.89	0.93	204.1	111.7	#	1
2007/12	30.48	30.57	0.95	205.0	110.7	#	1
2008/ 1	30.23	30.36	0.94	206.0	109.8	#	1
2008/ 2	29.99	30.18	0.88	206.8	108.9	#	1
2008/ 3	29.74	29.80	0.92	207.8	108.0	#	1
2008/ 4	29.50	29.65	0.89	208.7	107.1	#	1
2008/ 5	29.26	29.35	0.91	209.6	106.2	#	1
2008/ 6	29.02	29.17	0.88	210.4	105.3	#	1
2008/ 7	28.79	28.87	0.90	211.3	104.4	#	1
2008/ 8	28.55	28.67	0.89	212.2	103.5	#	1
2008/ 9	28.32	28.47	0.85	213.1	102.7	#	1
2008/10	28.09	28.18	0.87	214.0	101.8	#	1
2008/11	27.86	28.01	0.84	214.8	100.9	#	1
2008/12	27.64	27.72	0.86	215.7	100.1	#	1
2009/ 1	27.41	27.52	0.85	216.5	99.2	#	1
2009/ 2	27.19	27.40	0.77	217.3	98.5	#	1
2009/ 3	26.97	26.99	0.84	218.1	97.6	#	1
2009/ 4	26.75	26.89	0.81	218.9	96.8	#	1
2009/ 5	26.53	26.61	0.82	219.7	96.0	#	1
2009/ 6	26.32	26.45	0.79	220.5	95.2	#	1
2009/ 7	26.10	26.18	0.81	221.3	94.4	#	1
2009/ 8	25.89	26.00	0.81	222.2	93.6	#	1
2009/ 9	25.68	25.81	0.77	222.9	92.8	#	1
2009/10	25.47	25.55	0.79	223.7	92.0	#	1
2009/11	25.26	25.40	0.76	224.5	91.3	#	1
2009/12	25.06	25.13	0.78	225.3	90.5	#	1
2010/ 1	24.86	24.96	0.77	226.0	89.7	#	1
2010/ 2	24.65	24.84	0.70	226.7	89.0	#	1
2010/ 3	24.45	24.47	0.76	227.5	88.2	#	1
2010/ 4	24.25	24.38	0.73	228.2	87.5	#	1
2010/ 5	24.06	24.13	0.75	229.0	86.8	#	1
2010/ 6	23.86	23.98	0.72	229.7	86.0	#	1
2010/ 7	23.67	23.74	0.74	230.4	85.3	#	1
2010/ 8	23.48	23.57	0.73	231.2	84.6	#	1
2010/ 9	23.28	23.40	0.70	231.9	83.9	#	1
2010/10	23.09	23.16	0.72	232.6	83.2	#	1
2010/11	22.91	23.03	0.69	233.3	82.5	#	1
2010/12	22.72	22.79	0.71	234.0	81.8	#	1
2011/ 1	22.54	22.63	0.70	234.7	81.1	#	1
2011/ 2	22.35	22.52	0.63	235.3	80.4	#	1
2011/ 3	22.17	22.18	0.69	236.0	79.7	#	1
2011/ 4	21.99	22.11	0.66	236.7	79.1	#	1
2011/ 5	21.81	21.88	0.68	237.3	78.4	#	1
2011/ 6	21.64	21.75	0.65	238.0	77.7	#	1
2011/ 7	21.46	21.52	0.67	238.7	77.1	#	1

HARDY 36 ST 1:EL

Case Name : Base
Hyperbolic b : 0.000000
Decline Rate : 0.093294 A.e
Initial Rate : 80.00 M
Econ Limit : 0.80 M
Last Rate : 0.80 M
Max. Rate : 0.00 M
Cum. Prod. : 20.832 MM
Thru : 1998/02
Reserves : 295.461 MM
EUR : 316.293 MM
At end of : Econ Limit

Gas Rate (CD) (M)



HARDY_36_ST_1:EL

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
Schedule: #	1						
1998/ 3	79.35	79.40	2.46	23.3	293.0	#	1
1998/ 4	78.71	79.11	2.37	25.7	290.6	#	1
1998/ 5	78.07	78.30	2.43	28.1	288.2	#	1
1998/ 6	77.43	77.83	2.33	30.4	285.9	#	1
1998/ 7	76.80	77.03	2.39	32.8	283.5	#	1
1998/ 8	76.18	76.49	2.37	35.2	281.1	#	1
1998/ 9	75.56	75.95	2.28	37.5	278.8	#	1
1998/10	74.95	75.17	2.33	39.8	276.5	#	1
1998/11	74.34	74.72	2.24	42.0	274.3	#	1
1998/12	73.73	73.95	2.29	44.3	272.0	#	1
1999/ 1	73.13	73.43	2.28	46.6	269.7	#	1
1999/ 2	72.54	73.09	2.05	48.7	267.6	#	1
1999/ 3	71.95	71.99	2.23	50.9	265.4	#	1
1999/ 4	71.36	71.73	2.15	53.0	263.3	#	1
1999/ 5	70.78	71.00	2.20	55.2	261.1	#	1
1999/ 6	70.21	70.57	2.12	57.4	258.9	#	1
1999/ 7	69.64	69.85	2.17	59.5	256.8	#	1
1999/ 8	69.07	69.35	2.15	61.7	254.6	#	1
1999/ 9	68.51	68.86	2.07	63.7	252.6	#	1
1999/10	67.95	68.16	2.11	65.9	250.4	#	1
1999/11	67.40	67.75	2.03	67.9	248.4	#	1
1999/12	66.85	67.05	2.08	70.0	246.3	#	1
2000/ 1	66.31	66.58	2.06	72.0	244.3	#	1
2000/ 2	65.77	66.19	1.92	73.9	242.3	#	1
2000/ 3	65.24	65.36	2.03	76.0	240.3	#	1
2000/ 4	64.71	65.04	1.95	77.9	238.4	#	1
2000/ 5	64.18	64.37	2.00	79.9	236.4	#	1
2000/ 6	63.66	63.99	1.92	81.8	234.5	#	1
2000/ 7	63.14	63.33	1.96	83.8	232.5	#	1
2000/ 8	62.63	62.88	1.95	85.7	230.5	#	1
2000/ 9	62.12	62.44	1.87	87.6	228.7	#	1
2000/10	61.61	61.80	1.92	89.5	226.8	#	1
2000/11	61.11	61.43	1.84	91.4	224.9	#	1
2000/12	60.62	60.80	1.88	93.3	223.0	#	1
2001/ 1	60.12	60.37	1.87	95.1	221.2	#	1
2001/ 2	59.63	60.09	1.68	96.8	219.5	#	1
2001/ 3	59.15	59.19	1.83	98.7	217.6	#	1
2001/ 4	58.67	58.97	1.77	100.4	215.9	#	1
2001/ 5	58.19	58.37	1.81	102.2	214.1	#	1
2001/ 6	57.72	58.02	1.74	104.0	212.3	#	1
2001/ 7	57.25	57.42	1.78	105.8	210.5	#	1
2001/ 8	56.79	57.02	1.77	107.5	208.8	#	1
2001/ 9	56.32	56.61	1.70	109.2	207.1	#	1
2001/10	55.87	56.03	1.74	111.0	205.3	#	1
2001/11	55.41	55.70	1.67	112.6	203.7	#	1
2001/12	54.96	55.13	1.71	114.3	202.0	#	1
2002/ 1	54.51	54.74	1.70	116.0	200.3	#	1
2002/ 2	54.07	54.48	1.53	117.6	198.7	#	1
2002/ 3	53.63	53.66	1.66	119.2	197.1	#	1
2002/ 4	53.20	53.47	1.60	120.8	195.5	#	1
2002/ 5	52.76	52.92	1.64	122.5	193.8	#	1
2002/ 6	52.33	52.61	1.58	124.0	192.2	#	1
2002/ 7	51.91	52.07	1.61	125.7	190.6	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2002/ 8	51.49	51.70	1.60	127.3	189.0	#	1
2002/ 9	51.07	51.33	1.54	128.8	187.5	#	1
2002/10	50.65	50.81	1.57	130.4	185.9	#	1
2002/11	50.24	50.50	1.52	131.9	184.4	#	1
2002/12	49.83	49.98	1.55	133.4	182.9	#	1
2003/ 1	49.43	49.63	1.54	135.0	181.3	#	1
2003/ 2	49.03	49.40	1.38	136.4	179.9	#	1
2003/ 3	48.63	48.66	1.51	137.9	178.4	#	1
2003/ 4	48.23	48.48	1.45	139.3	177.0	#	1
2003/ 5	47.84	47.99	1.49	140.8	175.5	#	1
2003/ 6	47.45	47.70	1.43	142.2	174.0	#	1
2003/ 7	47.07	47.21	1.46	143.7	172.6	#	1
2003/ 8	46.68	46.88	1.45	145.2	171.1	#	1
2003/ 9	46.30	46.54	1.40	146.6	169.7	#	1
2003/10	45.93	46.07	1.43	148.0	168.3	#	1
2003/11	45.55	45.79	1.37	149.4	166.9	#	1
2003/12	45.18	45.32	1.40	150.8	165.5	#	1
2004/ 1	44.82	45.00	1.40	152.2	164.1	#	1
2004/ 2	44.45	44.73	1.30	153.5	162.8	#	1
2004/ 3	44.09	44.17	1.37	154.8	161.5	#	1
2004/ 4	43.73	43.96	1.32	156.1	160.1	#	1
2004/ 5	43.38	43.51	1.35	157.5	158.8	#	1
2004/ 6	43.02	43.25	1.30	158.8	157.5	#	1
2004/ 7	42.68	42.80	1.33	160.1	156.2	#	1
2004/ 8	42.33	42.50	1.32	161.4	154.9	#	1
2004/ 9	41.98	42.20	1.27	162.7	153.6	#	1
2004/10	41.64	41.77	1.29	164.0	152.3	#	1
2004/11	41.30	41.52	1.25	165.2	151.1	#	1
2004/12	40.97	41.09	1.27	166.5	149.8	#	1
2005/ 1	40.64	40.80	1.26	167.8	148.5	#	1
2005/ 2	40.30	40.61	1.14	168.9	147.4	#	1
2005/ 3	39.98	40.00	1.24	170.2	146.1	#	1
2005/ 4	39.65	39.86	1.20	171.4	144.9	#	1
2005/ 5	39.33	39.45	1.22	172.6	143.7	#	1
2005/ 6	39.01	39.21	1.18	173.8	142.5	#	1
2005/ 7	38.69	38.81	1.20	175.0	141.3	#	1
2005/ 8	38.38	38.54	1.19	176.2	140.1	#	1
2005/ 9	38.07	38.26	1.15	177.3	139.0	#	1
2005/10	37.76	37.87	1.17	178.5	137.8	#	1
2005/11	37.45	37.65	1.13	179.6	136.7	#	1
2005/12	37.15	37.26	1.16	180.8	135.5	#	1
2006/ 1	36.85	37.00	1.15	181.9	134.4	#	1
2006/ 2	36.54	36.82	1.03	182.9	133.4	#	1
2006/ 3	36.25	36.27	1.12	184.1	132.2	#	1
2006/ 4	35.95	36.14	1.08	185.1	131.1	#	1
2006/ 5	35.66	35.77	1.11	186.3	130.0	#	1
2006/ 6	35.37	35.55	1.07	187.3	129.0	#	1
2006/ 7	35.08	35.19	1.09	188.4	127.9	#	1
2006/ 8	34.80	34.94	1.08	189.5	126.8	#	1
2006/ 9	34.52	34.69	1.04	190.5	125.8	#	1
2006/10	34.24	34.34	1.06	191.6	124.7	#	1
2006/11	33.96	34.13	1.02	192.6	123.7	#	1
2006/12	33.68	33.78	1.05	193.7	122.6	#	1
2007/ 1	33.41	33.54	1.04	194.7	121.6	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
-----	-----	-----	-----	-----	-----		
2007/ 2	33.14	33.39	0.93	195.6	120.6	#	1
2007/ 3	32.87	32.89	1.02	196.7	119.6	#	1
2007/ 4	32.60	32.77	0.98	197.6	118.6	#	1
2007/ 5	32.33	32.43	1.01	198.7	117.6	#	1
2007/ 6	32.07	32.24	0.97	199.6	116.7	#	1
2007/ 7	31.81	31.91	0.99	200.6	115.7	#	1
2007/ 8	31.55	31.68	0.98	201.6	114.7	#	1
2007/ 9	31.30	31.46	0.94	202.5	113.8	#	1
2007/10	31.04	31.13	0.97	203.5	112.8	#	1
2007/11	30.79	30.95	0.93	204.4	111.9	#	1
2007/12	30.54	30.63	0.95	205.4	110.9	#	1
2008/ 1	30.29	30.41	0.94	206.3	110.0	#	1
2008/ 2	30.04	30.23	0.88	207.2	109.1	#	1
2008/ 3	29.80	29.86	0.93	208.1	108.2	#	1
2008/ 4	29.56	29.71	0.89	209.0	107.3	#	1
2008/ 5	29.32	29.41	0.91	209.9	106.4	#	1
2008/ 6	29.08	29.23	0.88	210.8	105.5	#	1
2008/ 7	28.84	28.93	0.90	211.7	104.6	#	1
2008/ 8	28.61	28.73	0.89	212.6	103.7	#	1
2008/ 9	28.38	28.52	0.86	213.4	102.8	#	1
2008/10	28.15	28.23	0.88	214.3	102.0	#	1
2008/11	27.92	28.06	0.84	215.2	101.1	#	1
2008/12	27.69	27.77	0.86	216.0	100.3	#	1
2009/ 1	27.46	27.58	0.85	216.9	99.4	#	1
2009/ 2	27.24	27.45	0.77	217.6	98.6	#	1
2009/ 3	27.02	27.04	0.84	218.5	97.8	#	1
2009/ 4	26.80	26.94	0.81	219.3	97.0	#	1
2009/ 5	26.58	26.66	0.83	220.1	96.2	#	1
2009/ 6	26.37	26.50	0.80	220.9	95.4	#	1
2009/ 7	26.15	26.23	0.81	221.7	94.6	#	1
2009/ 8	25.94	26.05	0.81	222.5	93.8	#	1
2009/ 9	25.73	25.86	0.78	223.3	93.0	#	1
2009/10	25.52	25.60	0.79	224.1	92.2	#	1
2009/11	25.31	25.44	0.76	224.9	91.4	#	1
2009/12	25.11	25.18	0.78	225.6	90.6	#	1
2010/ 1	24.90	25.00	0.78	226.4	89.9	#	1
2010/ 2	24.70	24.89	0.70	227.1	89.2	#	1
2010/ 3	24.50	24.51	0.76	227.9	88.4	#	1
2010/ 4	24.30	24.43	0.73	228.6	87.7	#	1
2010/ 5	24.10	24.18	0.75	229.4	86.9	#	1
2010/ 6	23.91	24.03	0.72	230.1	86.2	#	1
2010/ 7	23.71	23.78	0.74	230.8	85.5	#	1
2010/ 8	23.52	23.62	0.73	231.6	84.7	#	1
2010/ 9	23.33	23.45	0.70	232.3	84.0	#	1
2010/10	23.14	23.21	0.72	233.0	83.3	#	1
2010/11	22.95	23.07	0.69	233.7	82.6	#	1
2010/12	22.76	22.83	0.71	234.4	81.9	#	1
2011/ 1	22.58	22.67	0.70	235.1	81.2	#	1
2011/ 2	22.40	22.57	0.63	235.7	80.6	#	1
2011/ 3	22.21	22.23	0.69	236.4	79.9	#	1
2011/ 4	22.03	22.15	0.66	237.1	79.2	#	1
2011/ 5	21.85	21.92	0.68	237.7	78.5	#	1
2011/ 6	21.68	21.79	0.65	238.4	77.9	#	1
2011/ 7	21.50	21.56	0.67	239.1	77.2	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2011/ 8	21.33	21.41	0.66	239.7	76.6	#	1
2011/ 9	21.15	21.26	0.64	240.4	75.9	#	1
2011/10	20.98	21.04	0.65	241.0	75.3	#	1
2011/11	20.81	20.92	0.63	241.6	74.6	#	1
2011/12	20.64	20.70	0.64	242.3	74.0	#	1
2012/ 1	20.47	20.56	0.64	242.9	73.4	#	1
2012/ 2	20.31	20.43	0.59	243.5	72.8	#	1
2012/ 3	20.14	20.18	0.63	244.1	72.1	#	1
2012/ 4	19.98	20.08	0.60	244.7	71.5	#	1
2012/ 5	19.82	19.87	0.62	245.4	70.9	#	1
2012/ 6	19.65	19.76	0.59	246.0	70.3	#	1
2012/ 7	19.49	19.55	0.61	246.6	69.7	#	1
2012/ 8	19.34	19.42	0.60	247.2	69.1	#	1
2012/ 9	19.18	19.28	0.58	247.7	68.6	#	1
2012/10	19.02	19.08	0.59	248.3	68.0	#	1
2012/11	18.87	18.97	0.57	248.9	67.4	#	1
2012/12	18.72	18.77	0.58	249.5	66.8	#	1
2013/ 1	18.56	18.64	0.58	250.1	66.2	#	1
2013/ 2	18.41	18.55	0.52	250.6	65.7	#	1
2013/ 3	18.26	18.27	0.57	251.1	65.1	#	1
2013/ 4	18.11	18.21	0.55	251.7	64.6	#	1
2013/ 5	17.97	18.02	0.56	252.3	64.0	#	1
2013/ 6	17.82	17.91	0.54	252.8	63.5	#	1
2013/ 7	17.68	17.73	0.55	253.3	63.0	#	1
2013/ 8	17.53	17.60	0.55	253.9	62.4	#	1
2013/ 9	17.39	17.48	0.52	254.4	61.9	#	1
2013/10	17.25	17.30	0.54	254.9	61.3	#	1
2013/11	17.11	17.20	0.52	255.5	60.8	#	1
2013/12	16.97	17.02	0.53	256.0	60.3	#	1
2014/ 1	16.83	16.90	0.52	256.5	59.8	#	1
2014/ 2	16.69	16.82	0.47	257.0	59.3	#	1
2014/ 3	16.56	16.57	0.51	257.5	58.8	#	1
2014/ 4	16.42	16.51	0.50	258.0	58.3	#	1
2014/ 5	16.29	16.34	0.51	258.5	57.8	#	1
2014/ 6	16.16	16.24	0.49	259.0	57.3	#	1
2014/ 7	16.03	16.07	0.50	259.5	56.8	#	1
2014/ 8	15.90	15.96	0.49	260.0	56.3	#	1
2014/ 9	15.77	15.85	0.48	260.5	55.8	#	1
2014/10	15.64	15.69	0.49	260.9	55.4	#	1
2014/11	15.51	15.59	0.47	261.4	54.9	#	1
2014/12	15.39	15.43	0.48	261.9	54.4	#	1
2015/ 1	15.26	15.32	0.48	262.4	53.9	#	1
2015/ 2	15.14	15.25	0.43	262.8	53.5	#	1
2015/ 3	15.01	15.02	0.47	263.3	53.0	#	1
2015/ 4	14.89	14.97	0.45	263.7	52.6	#	1
2015/ 5	14.77	14.82	0.46	264.2	52.1	#	1
2015/ 6	14.65	14.73	0.44	264.6	51.7	#	1
2015/ 7	14.53	14.58	0.45	265.1	51.2	#	1
2015/ 8	14.41	14.47	0.45	265.5	50.8	#	1
2015/ 9	14.30	14.37	0.43	265.9	50.4	#	1
2015/10	14.18	14.22	0.44	266.4	49.9	#	1
2015/11	14.06	14.14	0.42	266.8	49.5	#	1
2015/12	13.95	13.99	0.43	267.2	49.1	#	1
2016/ 1	13.84	13.89	0.43	267.7	48.6	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2016/ 2	13.72	13.81	0.40	268.1	48.2	#	1
2016/ 3	13.61	13.64	0.42	268.5	47.8	#	1
2016/ 4	13.50	13.57	0.41	268.9	47.4	#	1
2016/ 5	13.39	13.43	0.42	269.3	47.0	#	1
2016/ 6	13.28	13.35	0.40	269.7	46.6	#	1
2016/ 7	13.18	13.22	0.41	270.1	46.2	#	1
2016/ 8	13.07	13.12	0.41	270.5	45.8	#	1
2016/ 9	12.96	13.03	0.39	270.9	45.4	#	1
2016/10	12.86	12.90	0.40	271.3	45.0	#	1
2016/11	12.75	12.82	0.38	271.7	44.6	#	1
2016/12	12.65	12.69	0.39	272.1	44.2	#	1
2017/ 1	12.55	12.60	0.39	272.5	43.8	#	1
2017/ 2	12.44	12.54	0.35	272.8	43.5	#	1
2017/ 3	12.34	12.35	0.38	273.2	43.1	#	1
2017/ 4	12.24	12.31	0.37	273.6	42.7	#	1
2017/ 5	12.14	12.18	0.38	274.0	42.3	#	1
2017/ 6	12.04	12.11	0.36	274.3	42.0	#	1
2017/ 7	11.95	11.98	0.37	274.7	41.6	#	1
2017/ 8	11.85	11.90	0.37	275.1	41.2	#	1
2017/ 9	11.75	11.81	0.35	275.4	40.9	#	1
2017/10	11.66	11.69	0.36	275.8	40.5	#	1
2017/11	11.56	11.62	0.35	276.1	40.2	#	1
2017/12	11.47	11.50	0.36	276.5	39.8	#	1
2018/ 1	11.38	11.42	0.35	276.9	39.4	#	1
2018/ 2	11.28	11.37	0.32	277.2	39.1	#	1
2018/ 3	11.19	11.20	0.35	277.5	38.8	#	1
2018/ 4	11.10	11.16	0.33	277.9	38.4	#	1
2018/ 5	11.01	11.04	0.34	278.2	38.1	#	1
2018/ 6	10.92	10.98	0.33	278.5	37.8	#	1
2018/ 7	10.83	10.86	0.34	278.9	37.4	#	1
2018/ 8	10.74	10.79	0.33	279.2	37.1	#	1
2018/ 9	10.66	10.71	0.32	279.5	36.8	#	1
2018/10	10.57	10.60	0.33	279.8	36.4	#	1
2018/11	10.48	10.54	0.32	280.2	36.1	#	1
2018/12	10.40	10.43	0.32	280.5	35.8	#	1
2019/ 1	10.31	10.36	0.32	280.8	35.5	#	1
2019/ 2	10.23	10.31	0.29	281.1	35.2	#	1
2019/ 3	10.15	10.15	0.31	281.4	34.9	#	1
2019/ 4	10.06	10.12	0.30	281.7	34.6	#	1
2019/ 5	9.98	10.01	0.31	282.0	34.3	#	1
2019/ 6	9.90	9.95	0.30	282.3	34.0	#	1
2019/ 7	9.82	9.85	0.31	282.6	33.7	#	1
2019/ 8	9.74	9.78	0.30	282.9	33.4	#	1
2019/ 9	9.66	9.71	0.29	283.2	33.1	#	1
2019/10	9.58	9.61	0.30	283.5	32.8	#	1
2019/11	9.51	9.56	0.29	283.8	32.5	#	1
2019/12	9.43	9.46	0.29	284.1	32.2	#	1
2020/ 1	9.35	9.39	0.29	284.4	31.9	#	1
2020/ 2	9.28	9.33	0.27	284.7	31.6	#	1
2020/ 3	9.20	9.22	0.29	284.9	31.3	#	1
2020/ 4	9.13	9.17	0.28	285.2	31.1	#	1
2020/ 5	9.05	9.08	0.28	285.5	30.8	#	1
2020/ 6	8.98	9.02	0.27	285.8	30.5	#	1
2020/ 7	8.91	8.93	0.28	286.1	30.2	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2020/ 8	8.83	8.87	0.27	286.3	30.0	#	1
2020/ 9	8.76	8.81	0.26	286.6	29.7	#	1
2020/10	8.69	8.72	0.27	286.9	29.4	#	1
2020/11	8.62	8.66	0.26	287.1	29.2	#	1
2020/12	8.55	8.57	0.27	287.4	28.9	#	1
2021/ 1	8.48	8.51	0.26	287.6	28.6	#	1
2021/ 2	8.41	8.47	0.24	287.9	28.4	#	1
2021/ 3	8.34	8.35	0.26	288.1	28.1	#	1
2021/ 4	8.27	8.32	0.25	288.4	27.9	#	1
2021/ 5	8.21	8.23	0.26	288.7	27.6	#	1
2021/ 6	8.14	8.18	0.25	288.9	27.4	#	1
2021/ 7	8.07	8.10	0.25	289.1	27.1	#	1
2021/ 8	8.01	8.04	0.25	289.4	26.9	#	1
2021/ 9	7.94	7.98	0.24	289.6	26.7	#	1
2021/10	7.88	7.90	0.24	289.9	26.4	#	1
2021/11	7.82	7.86	0.24	290.1	26.2	#	1
2021/12	7.75	7.77	0.24	290.4	25.9	#	1
2022/ 1	7.69	7.72	0.24	290.6	25.7	#	1
2022/ 2	7.63	7.68	0.22	290.8	25.5	#	1
2022/ 3	7.56	7.57	0.23	291.0	25.2	#	1
2022/ 4	7.50	7.54	0.23	291.3	25.0	#	1
2022/ 5	7.44	7.46	0.23	291.5	24.8	#	1
2022/ 6	7.38	7.42	0.22	291.7	24.6	#	1
2022/ 7	7.32	7.34	0.23	292.0	24.3	#	1
2022/ 8	7.26	7.29	0.23	292.2	24.1	#	1
2022/ 9	7.20	7.24	0.22	292.4	23.9	#	1
2022/10	7.14	7.17	0.22	292.6	23.7	#	1
2022/11	7.09	7.12	0.21	292.8	23.5	#	1
2022/12	7.03	7.05	0.22	293.1	23.2	#	1
2023/ 1	6.97	7.00	0.22	293.3	23.0	#	1
2023/ 2	6.91	6.97	0.20	293.5	22.8	#	1
2023/ 3	6.86	6.86	0.21	293.7	22.6	#	1
2023/ 4	6.80	6.84	0.21	293.9	22.4	#	1
2023/ 5	6.75	6.77	0.21	294.1	22.2	#	1
2023/ 6	6.69	6.73	0.20	294.3	22.0	#	1
2023/ 7	6.64	6.66	0.21	294.5	21.8	#	1
2023/ 8	6.58	6.61	0.20	294.7	21.6	#	1
2023/ 9	6.53	6.56	0.20	294.9	21.4	#	1
2023/10	6.48	6.50	0.20	295.1	21.2	#	1
2023/11	6.42	6.46	0.19	295.3	21.0	#	1
2023/12	6.37	6.39	0.20	295.5	20.8	#	1
2024/ 1	6.32	6.35	0.20	295.7	20.6	#	1
2024/ 2	6.27	6.31	0.18	295.9	20.4	#	1
2024/ 3	6.22	6.23	0.19	296.1	20.2	#	1
2024/ 4	6.17	6.20	0.19	296.3	20.0	#	1
2024/ 5	6.12	6.14	0.19	296.4	19.8	#	1
2024/ 6	6.07	6.10	0.18	296.6	19.7	#	1
2024/ 7	6.02	6.04	0.19	296.8	19.5	#	1
2024/ 8	5.97	5.99	0.19	297.0	19.3	#	1
2024/ 9	5.92	5.95	0.18	297.2	19.1	#	1
2024/10	5.87	5.89	0.18	297.4	18.9	#	1
2024/11	5.83	5.86	0.18	297.5	18.8	#	1
2024/12	5.78	5.80	0.18	297.7	18.6	#	1
2025/ 1	5.73	5.75	0.18	297.9	18.4	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2025/ 2	5.68	5.73	0.16	298.1	18.2	#	1
2025/ 3	5.64	5.64	0.17	298.2	18.1	#	1
2025/ 4	5.59	5.62	0.17	298.4	17.9	#	1
2025/ 5	5.55	5.56	0.17	298.6	17.7	#	1
2025/ 6	5.50	5.53	0.17	298.7	17.6	#	1
2025/ 7	5.46	5.47	0.17	298.9	17.4	#	1
2025/ 8	5.41	5.44	0.17	299.1	17.2	#	1
2025/ 9	5.37	5.40	0.16	299.2	17.1	#	1
2025/10	5.33	5.34	0.17	299.4	16.9	#	1
2025/11	5.28	5.31	0.16	299.6	16.7	#	1
2025/12	5.24	5.25	0.16	299.7	16.6	#	1
2026/ 1	5.20	5.22	0.16	299.9	16.4	#	1
2026/ 2	5.15	5.19	0.15	300.0	16.3	#	1
2026/ 3	5.11	5.12	0.16	300.2	16.1	#	1
2026/ 4	5.07	5.10	0.15	300.3	15.9	#	1
2026/ 5	5.03	5.04	0.16	300.5	15.8	#	1
2026/ 6	4.99	5.01	0.15	300.7	15.6	#	1
2026/ 7	4.95	4.96	0.15	300.8	15.5	#	1
2026/ 8	4.91	4.93	0.15	301.0	15.3	#	1
2026/ 9	4.87	4.89	0.15	301.1	15.2	#	1
2026/10	4.83	4.84	0.15	301.3	15.0	#	1
2026/11	4.79	4.81	0.14	301.4	14.9	#	1
2026/12	4.75	4.76	0.15	301.5	14.7	#	1
2027/ 1	4.71	4.73	0.15	301.7	14.6	#	1
2027/ 2	4.67	4.71	0.13	301.8	14.5	#	1
2027/ 3	4.64	4.64	0.14	302.0	14.3	#	1
2027/ 4	4.60	4.62	0.14	302.1	14.2	#	1
2027/ 5	4.56	4.57	0.14	302.2	14.0	#	1
2027/ 6	4.52	4.55	0.14	302.4	13.9	#	1
2027/ 7	4.49	4.50	0.14	302.5	13.8	#	1
2027/ 8	4.45	4.47	0.14	302.7	13.6	#	1
2027/ 9	4.41	4.44	0.13	302.8	13.5	#	1
2027/10	4.38	4.39	0.14	302.9	13.4	#	1
2027/11	4.34	4.36	0.13	303.1	13.2	#	1
2027/12	4.31	4.32	0.13	303.2	13.1	#	1
2028/ 1	4.27	4.29	0.13	303.3	13.0	#	1
2028/ 2	4.24	4.26	0.12	303.5	12.8	#	1
2028/ 3	4.20	4.21	0.13	303.6	12.7	#	1
2028/ 4	4.17	4.19	0.13	303.7	12.6	#	1
2028/ 5	4.13	4.15	0.13	303.8	12.5	#	1
2028/ 6	4.10	4.12	0.12	304.0	12.3	#	1
2028/ 7	4.07	4.08	0.13	304.1	12.2	#	1
2028/ 8	4.03	4.05	0.13	304.2	12.1	#	1
2028/ 9	4.00	4.02	0.12	304.3	12.0	#	1
2028/10	3.97	3.98	0.12	304.5	11.8	#	1
2028/11	3.94	3.96	0.12	304.6	11.7	#	1
2028/12	3.91	3.92	0.12	304.7	11.6	#	1
2029/ 1	3.87	3.89	0.12	304.8	11.5	#	1
2029/ 2	3.84	3.87	0.11	304.9	11.4	#	1
2029/ 3	3.81	3.81	0.12	305.0	11.2	#	1
2029/ 4	3.78	3.80	0.11	305.2	11.1	#	1
2029/ 5	3.75	3.76	0.12	305.3	11.0	#	1
2029/ 6	3.72	3.74	0.11	305.4	10.9	#	1
2029/ 7	3.69	3.70	0.11	305.5	10.8	#	1

End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2029/ 8	3.66	3.67	0.11	305.6	10.7	#	1
2029/ 9	3.63	3.65	0.11	305.7	10.6	#	1
2029/10	3.60	3.61	0.11	305.8	10.5	#	1
2029/11	3.57	3.59	0.11	305.9	10.3	#	1
2029/12	3.54	3.55	0.11	306.1	10.2	#	1
2030/ 1	3.51	3.53	0.11	306.2	10.1	#	1
2030/ 2	3.48	3.51	0.10	306.3	10.0	#	1
2030/ 3	3.46	3.46	0.11	306.4	9.9	#	1
2030/ 4	3.43	3.44	0.10	306.5	9.8	#	1
2030/ 5	3.40	3.41	0.11	306.6	9.7	#	1
2030/ 6	3.37	3.39	0.10	306.7	9.6	#	1
2030/ 7	3.34	3.35	0.10	306.8	9.5	#	1
2030/ 8	3.32	3.33	0.10	306.9	9.4	#	1
2030/ 9	3.29	3.31	0.10	307.0	9.3	#	1
2030/10	3.26	3.27	0.10	307.1	9.2	#	1
2030/11	3.24	3.25	0.10	307.2	9.1	#	1
2030/12	3.21	3.22	0.10	307.3	9.0	#	1
2031/ 1	3.18	3.20	0.10	307.4	8.9	#	1
2031/ 2	3.16	3.18	0.09	307.5	8.8	#	1
2031/ 3	3.13	3.13	0.10	307.6	8.7	#	1
2031/ 4	3.11	3.12	0.09	307.7	8.6	#	1
2031/ 5	3.08	3.09	0.10	307.8	8.5	#	1
2031/ 6	3.06	3.07	0.09	307.9	8.4	#	1
2031/ 7	3.03	3.04	0.09	307.9	8.3	#	1
2031/ 8	3.01	3.02	0.09	308.0	8.3	#	1
2031/ 9	2.98	3.00	0.09	308.1	8.2	#	1
2031/10	2.96	2.97	0.09	308.2	8.1	#	1
2031/11	2.93	2.95	0.09	308.3	8.0	#	1
2031/12	2.91	2.92	0.09	308.4	7.9	#	1
2032/ 1	2.89	2.90	0.09	308.5	7.8	#	1
2032/ 2	2.86	2.88	0.08	308.6	7.7	#	1
2032/ 3	2.84	2.85	0.09	308.7	7.6	#	1
2032/ 4	2.82	2.83	0.08	308.8	7.5	#	1
2032/ 5	2.79	2.80	0.09	308.8	7.5	#	1
2032/ 6	2.77	2.79	0.08	308.9	7.4	#	1
2032/ 7	2.75	2.76	0.09	309.0	7.3	#	1
2032/ 8	2.73	2.74	0.08	309.1	7.2	#	1
2032/ 9	2.70	2.72	0.08	309.2	7.1	#	1
2032/10	2.68	2.69	0.08	309.3	7.0	#	1
2032/11	2.66	2.67	0.08	309.3	7.0	#	1
2032/12	2.64	2.65	0.08	309.4	6.9	#	1
2033/ 1	2.62	2.63	0.08	309.5	6.8	#	1
2033/ 2	2.60	2.62	0.07	309.6	6.7	#	1
2033/ 3	2.58	2.58	0.08	309.7	6.6	#	1
2033/ 4	2.55	2.57	0.08	309.7	6.6	#	1
2033/ 5	2.53	2.54	0.08	309.8	6.5	#	1
2033/ 6	2.51	2.53	0.08	309.9	6.4	#	1
2033/ 7	2.49	2.50	0.08	310.0	6.3	#	1
2033/ 8	2.47	2.48	0.08	310.0	6.3	#	1
2033/ 9	2.45	2.47	0.07	310.1	6.2	#	1
2033/10	2.43	2.44	0.08	310.2	6.1	#	1
2033/11	2.41	2.43	0.07	310.3	6.0	#	1
2033/12	2.39	2.40	0.07	310.3	6.0	#	1
2034/ 1	2.37	2.38	0.07	310.4	5.9	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2034/ 2	2.35	2.37	0.07	310.5	5.8	#	1
2034/ 3	2.34	2.34	0.07	310.5	5.7	#	1
2034/ 4	2.32	2.33	0.07	310.6	5.7	#	1
2034/ 5	2.30	2.30	0.07	310.7	5.6	#	1
2034/ 6	2.28	2.29	0.07	310.8	5.5	#	1
2034/ 7	2.26	2.27	0.07	310.8	5.5	#	1
2034/ 8	2.24	2.25	0.07	310.9	5.4	#	1
2034/ 9	2.22	2.24	0.07	311.0	5.3	#	1
2034/10	2.21	2.21	0.07	311.0	5.3	#	1
2034/11	2.19	2.20	0.07	311.1	5.2	#	1
2034/12	2.17	2.18	0.07	311.2	5.1	#	1
2035/ 1	2.15	2.16	0.07	311.2	5.1	#	1
2035/ 2	2.13	2.15	0.06	311.3	5.0	#	1
2035/ 3	2.12	2.12	0.07	311.4	4.9	#	1
2035/ 4	2.10	2.11	0.06	311.4	4.9	#	1
2035/ 5	2.08	2.09	0.06	311.5	4.8	#	1
2035/ 6	2.07	2.08	0.06	311.6	4.7	#	1
2035/ 7	2.05	2.06	0.06	311.6	4.7	#	1
2035/ 8	2.03	2.04	0.06	311.7	4.6	#	1
2035/ 9	2.02	2.03	0.06	311.7	4.6	#	1
2035/10	2.00	2.01	0.06	311.8	4.5	#	1
2035/11	1.98	1.99	0.06	311.9	4.4	#	1
2035/12	1.97	1.97	0.06	311.9	4.4	#	1
2036/ 1	1.95	1.96	0.06	312.0	4.3	#	1
2036/ 2	1.94	1.95	0.06	312.0	4.3	#	1
2036/ 3	1.92	1.92	0.06	312.1	4.2	#	1
2036/ 4	1.90	1.91	0.06	312.2	4.1	#	1
2036/ 5	1.89	1.89	0.06	312.2	4.1	#	1
2036/ 6	1.87	1.88	0.06	312.3	4.0	#	1
2036/ 7	1.86	1.86	0.06	312.3	4.0	#	1
2036/ 8	1.84	1.85	0.06	312.4	3.9	#	1
2036/ 9	1.83	1.84	0.06	312.4	3.9	#	1
2036/10	1.81	1.82	0.06	312.5	3.8	#	1
2036/11	1.80	1.81	0.05	312.6	3.7	#	1
2036/12	1.78	1.79	0.06	312.6	3.7	#	1
2037/ 1	1.77	1.78	0.06	312.7	3.6	#	1
2037/ 2	1.76	1.77	0.05	312.7	3.6	#	1
2037/ 3	1.74	1.74	0.05	312.8	3.5	#	1
2037/ 4	1.73	1.74	0.05	312.8	3.5	#	1
2037/ 5	1.71	1.72	0.05	312.9	3.4	#	1
2037/ 6	1.70	1.71	0.05	312.9	3.4	#	1
2037/ 7	1.68	1.69	0.05	313.0	3.3	#	1
2037/ 8	1.67	1.68	0.05	313.0	3.3	#	1
2037/ 9	1.66	1.67	0.05	313.1	3.2	#	1
2037/10	1.64	1.65	0.05	313.1	3.2	#	1
2037/11	1.63	1.64	0.05	313.2	3.1	#	1
2037/12	1.62	1.62	0.05	313.2	3.1	#	1
2038/ 1	1.60	1.61	0.05	313.3	3.0	#	1
2038/ 2	1.59	1.60	0.04	313.3	3.0	#	1
2038/ 3	1.58	1.58	0.05	313.4	2.9	#	1
2038/ 4	1.57	1.57	0.05	313.4	2.9	#	1
2038/ 5	1.55	1.56	0.05	313.5	2.8	#	1
2038/ 6	1.54	1.55	0.05	313.5	2.8	#	1
2038/ 7	1.53	1.53	0.05	313.6	2.7	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
2038/ 8	1.52	1.52	0.05	313.6	2.7	#	1
2038/ 9	1.50	1.51	0.05	313.7	2.6	#	1
2038/10	1.49	1.50	0.05	313.7	2.6	#	1
2038/11	1.48	1.49	0.04	313.7	2.5	#	1
2038/12	1.47	1.47	0.05	313.8	2.5	#	1
2039/ 1	1.45	1.46	0.05	313.8	2.5	#	1
2039/ 2	1.44	1.45	0.04	313.9	2.4	#	1
2039/ 3	1.43	1.43	0.04	313.9	2.4	#	1
2039/ 4	1.42	1.43	0.04	314.0	2.3	#	1
2039/ 5	1.41	1.41	0.04	314.0	2.3	#	1
2039/ 6	1.40	1.40	0.04	314.0	2.2	#	1
2039/ 7	1.39	1.39	0.04	314.1	2.2	#	1
2039/ 8	1.37	1.38	0.04	314.1	2.2	#	1
2039/ 9	1.36	1.37	0.04	314.2	2.1	#	1
2039/10	1.35	1.36	0.04	314.2	2.1	#	1
2039/11	1.34	1.35	0.04	314.3	2.0	#	1
2039/12	1.33	1.33	0.04	314.3	2.0	#	1
2040/ 1	1.32	1.32	0.04	314.3	2.0	#	1
2040/ 2	1.31	1.32	0.04	314.4	1.9	#	1
2040/ 3	1.30	1.30	0.04	314.4	1.9	#	1
2040/ 4	1.29	1.29	0.04	314.5	1.8	#	1
2040/ 5	1.28	1.28	0.04	314.5	1.8	#	1
2040/ 6	1.27	1.27	0.04	314.5	1.8	#	1
2040/ 7	1.26	1.26	0.04	314.6	1.7	#	1
2040/ 8	1.25	1.25	0.04	314.6	1.7	#	1
2040/ 9	1.24	1.24	0.04	314.7	1.6	#	1
2040/10	1.23	1.23	0.04	314.7	1.6	#	1
2040/11	1.22	1.22	0.04	314.7	1.6	#	1
2040/12	1.21	1.21	0.04	314.8	1.5	#	1
2041/ 1	1.20	1.20	0.04	314.8	1.5	#	1
2041/ 2	1.19	1.20	0.03	314.8	1.5	#	1
2041/ 3	1.18	1.18	0.04	314.9	1.4	#	1
2041/ 4	1.17	1.17	0.04	314.9	1.4	#	1
2041/ 5	1.16	1.16	0.04	314.9	1.4	#	1
2041/ 6	1.15	1.15	0.03	315.0	1.3	#	1
2041/ 7	1.14	1.14	0.04	315.0	1.3	#	1
2041/ 8	1.13	1.13	0.04	315.0	1.2	#	1
2041/ 9	1.12	1.13	0.03	315.1	1.2	#	1
2041/10	1.11	1.11	0.03	315.1	1.2	#	1
2041/11	1.10	1.11	0.03	315.1	1.1	#	1
2041/12	1.09	1.10	0.03	315.2	1.1	#	1
2042/ 1	1.08	1.09	0.03	315.2	1.1	#	1
2042/ 2	1.08	1.08	0.03	315.2	1.0	#	1
2042/ 3	1.07	1.07	0.03	315.3	1.0	#	1
2042/ 4	1.06	1.06	0.03	315.3	1.0	#	1
2042/ 5	1.05	1.05	0.03	315.3	0.9	#	1
2042/ 6	1.04	1.05	0.03	315.4	0.9	#	1
2042/ 7	1.03	1.04	0.03	315.4	0.9	#	1
2042/ 8	1.02	1.03	0.03	315.4	0.9	#	1
2042/ 9	1.02	1.02	0.03	315.5	0.8	#	1
2042/10	1.01	1.01	0.03	315.5	0.8	#	1
2042/11	1.00	1.00	0.03	315.5	0.8	#	1
2042/12	0.99	0.99	0.03	315.6	0.7	#	1
2043/ 1	0.98	0.99	0.03	315.6	0.7	#	1

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End of DATE	Instant Rate Mscf/d	Average Rate Mscf/d	Monthly Volume MMscf	Cumulative Volume MMscf	Remaining Reserves MMscf		
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2043/ 2	0.98	0.98	0.03	315.6	0.7	#	1
2043/ 3	0.97	0.97	0.03	315.7	0.6	#	1
2043/ 4	0.96	0.96	0.03	315.7	0.6	#	1
2043/ 5	0.95	0.95	0.03	315.7	0.6	#	1
2043/ 6	0.94	0.95	0.03	315.7	0.6	#	1
2043/ 7	0.94	0.94	0.03	315.8	0.5	#	1
2043/ 8	0.93	0.93	0.03	315.8	0.5	#	1
2043/ 9	0.92	0.93	0.03	315.8	0.5	#	1
2043/10	0.91	0.92	0.03	315.9	0.4	#	1
2043/11	0.91	0.91	0.03	315.9	0.4	#	1
2043/12	0.90	0.90	0.03	315.9	0.4	#	1
2044/ 1	0.89	0.90	0.03	315.9	0.4	#	1
2044/ 2	0.88	0.89	0.03	316.0	0.3	#	1
2044/ 3	0.88	0.88	0.03	316.0	0.3	#	1
2044/ 4	0.87	0.87	0.03	316.0	0.3	#	1
2044/ 5	0.86	0.87	0.03	316.0	0.3	#	1
2044/ 6	0.86	0.86	0.03	316.1	0.2	#	1
2044/ 7	0.85	0.85	0.03	316.1	0.2	#	1
2044/ 8	0.84	0.85	0.03	316.1	0.2	#	1
2044/ 9	0.84	0.84	0.03	316.1	0.1	#	1
2044/10	0.83	0.83	0.03	316.2	0.1	#	1
2044/11	0.82	0.83	0.02	316.2	0.1	#	1
2044/12	0.81	0.82	0.03	316.2	0.1	#	1
2045/ 1	0.81	0.81	0.03	316.2	0.0	#	1
2045/ 2	0.80	0.81	0.02	316.3	0.0	#	1