

District I - (505) 393-6161  
 1625 N French Dr. Hobbs, NM 88240  
 District II - (505) 748-1283  
 1301 W. Grand Avenue, Artesia, NM 88210  
 District III - (505) 334-6178  
 1000 Rio Brazos Road, Aztec, NM 87410  
 District IV - (505) 476-3440  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

New Mexico  
**Energy Minerals and Natural Resources Department**  
 Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, New Mexico 87505  
 (505) 476-3440

Form C-140  
 Revised 06/99

**SUBMIT ORIGINAL  
 PLUS 2 COPIES  
 TO APPROPRIATE  
 DISTRICT OFFICE**

APPLICATION FOR  
 WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address <b>CHESAPEAKE OPERATING INC</b>						OGRID Number 147179		
Contact Party <b>GREG SMALL</b>						Phone (405) 879-9372		
Property Name <b>CHAMBERS 1-7</b>					Well Number 811888	API Number 30 025 33623		
UL H	Section 7	Township 16S	Range 36E	Feet From The 1700	North/South Line NORTH	Feet From The 900	East/West Line EAST	County LEA

II. Workover

Date Workover Commenced: 4/19/03	Previous Producing Pool(s) (Prior to Workover): <b>SHOE BAR; STRAWN, NORTHEAST</b>
Date Workover Completed: 4/21/03	

III. Attach a description of the Workover Procedures performed to increase production.

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.

V. AFFIDAVIT:

State of \_\_\_\_\_ )  
 ) ss.  
 County of \_\_\_\_\_ )  
 \_\_\_\_\_, 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 reasonably available for this Well.
3. 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 *Greg Small* Title TAX MANAGER Date 7/15/03

SUBSCRIBED AND SWORN TO before me this 15 day of July, 2003.

*Mueen Akbar*  
Notary Public

My Commission expires: 5/14/06

**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 2/24/03

Signature District Supervisor <u><i>Paul J. [Signature]</i></u>	OCD District <u>9</u>	Date <u>8/01/03</u>
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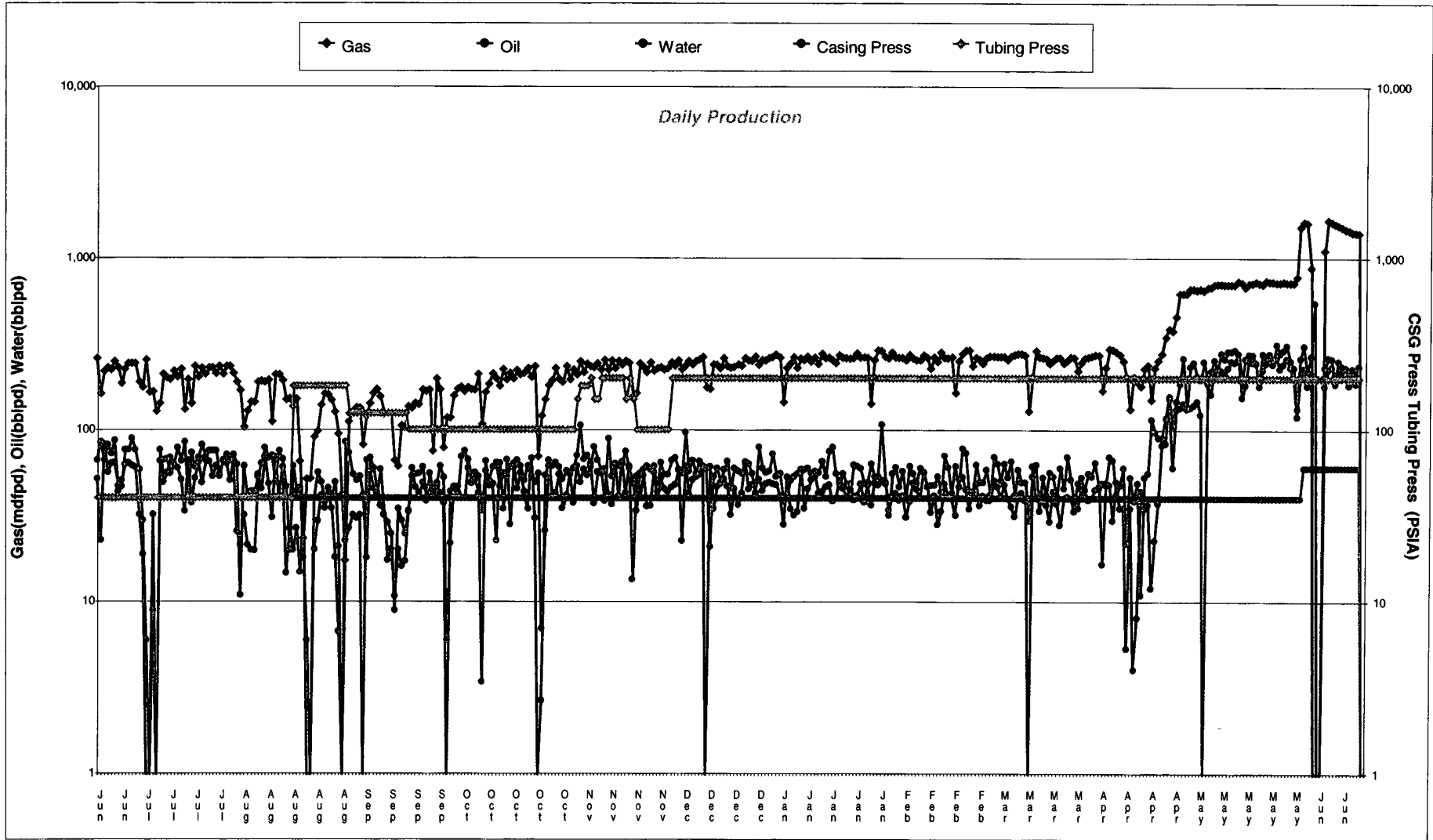
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

Report Date Range  
Start Date: 12/31/02  
End Date: 06/18/03

**Completions:**

Chambers 1-7

Cumulative Gas (MCF): 1,001,439  
Cumulative Oil (BBL): 426,707  
Cumulative Water (BBL): 129,859



# Report Summary

Report Date Range

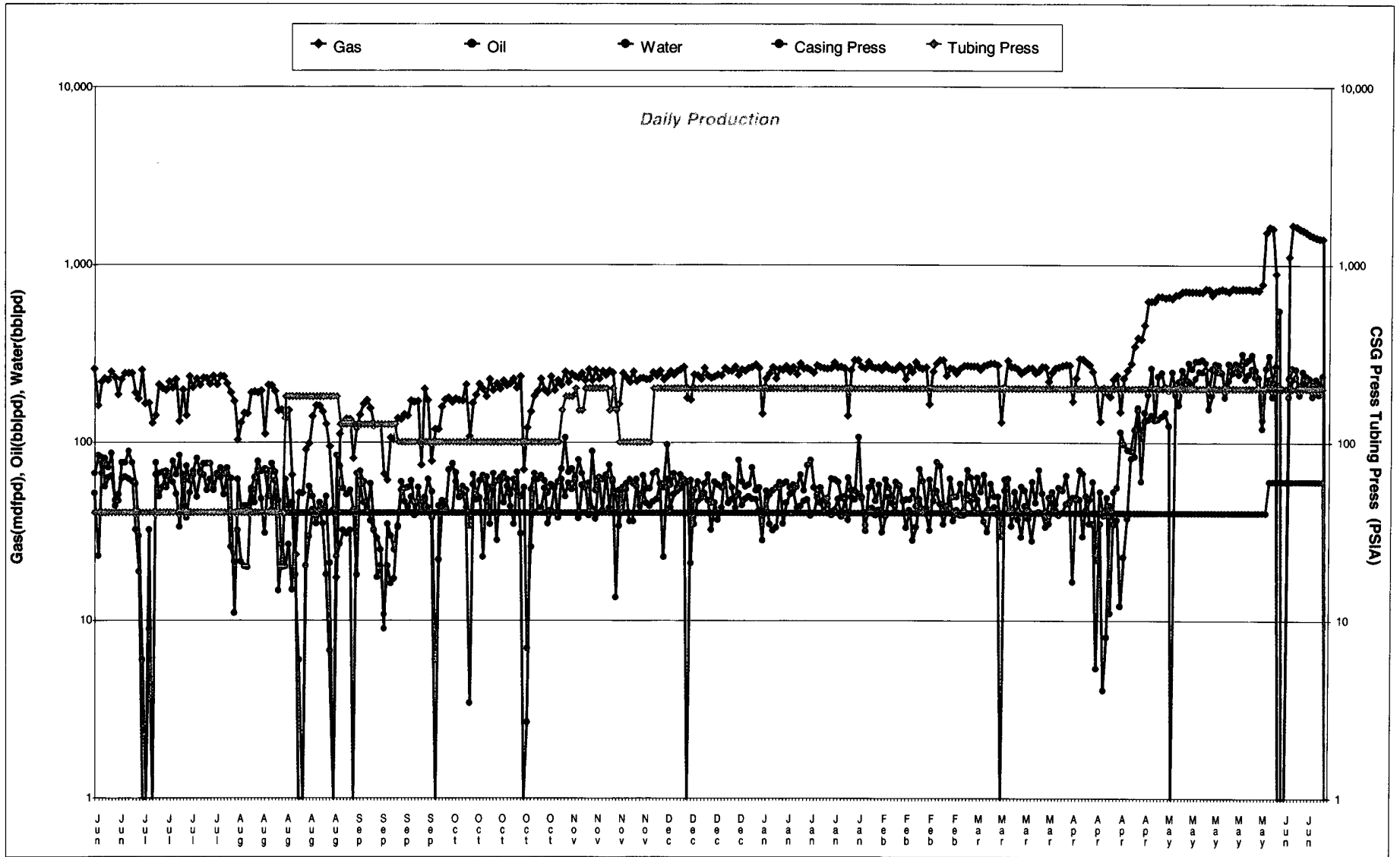
Start Date: 01/01/03

End Date: 12/31/02

Cumulative Gas (MCF): 1,001,439

Cumulative Oil (BBL): 426,707

Cumulative Water (BBL): 129,859



8. **FOR A WELL WITHIN A THREE-DIMENSIONAL SEISMIC SHOOT:**

spud date: N/A

date of first sale: N/A

duration of exemption (18 or 28 months as applicable): N/A

9. The Commission finds that pursuant to Order No. 387223, issued in Cause RM 94000012 on October 20, 1994, it was determined that the tax credit for enhanced oil recovery under 1994 Okla. Sess. Laws Chapter 311, known as Senate Bill No. 841, amending 68 O.S., Section 1001, would be interpreted as follows: "If a well receives a tax credit for enhanced oil recovery under Section 1 (d) of the Act, Section 1 (l) of the act prohibits the well from claiming an additional credit under Section 1 (e) - (h) of the Act, and it requires the operator to elect between credits."

**ORDER**

Based on the foregoing findings the well and production are eligible for tax credit, as provided in 68 O.S. Section 1001, and **IT IS SO ORDERED.**

**CORPORATION COMMISSION OF OKLAHOMA**

  
BOB ANTHONY, CHAIRMAN

  
DENISE A. BODE, VICE CHAIRMAN

  
ED APPLE, COMMISSIONER

DONE AND PERFORMED THIS 24 DAY OF April 2001  
BY ORDER OF THE COMMISSION:

  
Peggy Mitchell, Secretary

**REPORT OF THE TECHNICAL DEPARTMENT**

The foregoing findings and order incorporate the recommendation of the Technical Department.

  
Manager Technical Department Date 4-19-01

  
Technical Department Staff Date 4/19/01

**CHESAPEAKE OPERATING, INC.**

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P. O. Box 18496  
OKLAHOMA CITY, OKLAHOMA 73154-0496  
405/848-8000  
405/879-9573 FAX

Page 1 of 4

Operated Daily Activity Report

Well-CHAMBERS 1-7;

Status: **WORKOVER**

07/10/03

9:37:31AM

THE INFORMATION IN THIS REPORT IS PROPRIETARY, CONFIDENTIAL AND NOT FOR PUBLIC DISSEMINATION.  
THIS INFORMATION MAY NOT BE SHARED WITH UNAUTHORIZED PERSONS WITHOUT THE WRITTEN CONSENT OF CHESAPEAKE.

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Operated Daily Activity Report

Well-CHAMBERS 1-7;

Status: **WORKOVER**

CHAMBERS 1-7		7-16S-36E		Permian
Well #:	811888	AFE:	400029	LEA, NM
		Footage	Cost	WI: 65.187500 NRI: 47.912812
Date	Day	Depth	Cum Cost	Present Operation
01/18/01		0'	\$1,256	Swab 2 run, IFL 3,700', 20 BO, left open to tank on 28/64"
		0'	\$1,256	RU swab unit, made 2 runs cutting paraffin, IFL 3,700', 20 BO, FFL 6,800', left well to tanks on 28/64".
				<b>Swab Well</b>
01/19/01		0'	\$2,000	Swab & flow 10 hrs, IFL 6,800', 37 BO, 5 BW, turn thru separator on 28/64"
		0'	\$3,256	
01/20/01		0'	\$2,100	Swab, IFL 4,000', FFL 5,800', flow on 28/64", 21 BO, TP 175#
		0'	\$5,356	RDMO swab unit, return well to production, FINAL REPORT.
07/07/01		0'	\$4,250	PU bit & scraper, RIH w/ 2 7/8" workstring
		0'	\$4,250	Kill wll w/ 40 BW, ND wellhead, NU BOP, release pkr, POOH w/ tbg, PU 4 3/4" bit and scraper, RIH w/ 50 jts 2 7/8" workstring.
				<b>Prepare to Acidize Perforations</b>
07/08/01		0'	\$0	SD 24 hrs, no activity
		0'	\$4,250	
07/09/01		0'	\$8,000	Leave pkr swinging @ 11,350'
		0'	\$12,250	RIH w/ 368 jts, RU AES, pump 440 GALS Xylene, flush w/ 68 BBLS 2% KCLW, POOH w/ bit and scraper, PU RIH w/ collar location, PPI tools and SN, leave pkr swinging @ 11,350', SIW.
07/10/01		0'	\$3,900	RIH w/ bit & scraper & tbg to 11,540', start OOH w/ tbg
		0'	\$16,150	TP 100#, blow well down, RIH w/ bit and scraper, 370 jts 2 7/8" tbg to 11,540', start out of hole w/ tbg.
07/11/01		0'	\$15,350	POOH w/ pkr
		0'	\$31,500	RIH w/ collar locator @ 11,510', set pkr, RU AES, test 1000#, drop FCV, release pkr, RIH to 11,480', test FCV, open 3000#, holding 1200#, spot acid to tool, set pkr, start treatment from 11,480' - 11,392', 4' spacing, 23 setting, 4.76 BBLS per setting, release pkr, pump 100 BBLS down annulus, RD AES, POOH w/ pkr.
07/12/01		0'	\$3,900	RIH w/ swab, FL @ 8,500', swab back 5 BBLS
		0'	\$35,400	TP 200#, blow well down, finish POOH w/ tbg and BHA, RIH w/ 2 7/8" x 5 1/2" Model pkr, SN and 356 jts 2 7/8" tbg, set pkr @ 11,340', ND BOPs, NU tbg flange, RIH w/ swab, tag paraffin @ 5,500', cut paraffin to 8,500', RIH w/ swab, FL @ 8,500', swab back 5 BBLS.
07/13/01		0'	\$11,000	SD 24 hrs
		0'	\$46,400	
07/14/01		0'	\$3,000	SITP 500#, bleed off, FL 8,500', swab 75 BLW, FFL 6,500'
		0'	\$49,400	
07/15/01		0'	\$2,700	SITP 550#, bleed off, FL 5,500', swab 60 BLW in 10 runs, FFL SN
		0'	\$52,100	Leave well open to battery.
07/16/01		0'	\$0	SD 24 hrs, no activity
		0'	\$52,100	
07/17/01		0'	\$13,040	Swab & flow on 36/64", 4 BO, 40 BW, SD
		0'	\$65,140	TP 0#, IFL 4000', made 7 runs, FFL 8,500' and scattered to 10,500', well will flow and lift fluid for 20 mins before dying, swab and flow on 36/64", 4 BO, 40 BW, turn well through separator and treater, SDFN.
07/18/01		0'	\$2,690	Swab & flow 10 hrs, 6 BO, 59 BW, left well to separator & treater on 32/64"
		0'	\$67,830	
07/19/01		0'	\$2,890	Swab & flow 10 hrs, 45 BO, left well to separator & treater on 27/64"
		0'	\$70,720	IFL @ 7,000', swab and flow 10 hrs, 45 BO, FFL 8,000' scattered, well will flow approximately 45 mins between swab runs, left well to separator and treater or 27/64".

07/10/03 9:37:42AM

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**CHESAPEAKE OPERATING, INC.**

P. O. Box 18496  
 OKLAHOMA CITY, OKLAHOMA 73154-0496  
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Operated Daily Activity Report

Well-CHAMBERS 1-7;

Status: **WORKOVER**

CHAMBERS 1-7		7-16S-36E		Permian
Well #:	811888	AFE: 400029	LEA, NM	
		Footage	Cost	WI: 65.187500 NRI: 47.912812
Date	Day	Depth	Cum Cost	Present Operation
07/20/01		0'	\$2,625	Swab & flow 8 hrs, 65 BO, turn to frac tank on 27/64", RTP, FINAL REPORT
		0'	\$62,345	TP 40#, drop 3 soap sticks, SI 2 hrs, SITP 225#, open on 38/64" to tanks, flow 10 BO, IFL 3,000', swab and flow 8 hrs, 65 BO, FFL 6,500', turn to frac tank on 27/64", RDMO, FINAL REPORT.
08/31/01		0'	\$4,200	Pull 144 hr BHP bomb, TP 900#, CP 0#, open to system
		0'	\$4,200	
09/01/01		0'	\$0	24 hrs on 32/64", 28 BO, 2 BW, 97 MCFG, FTP 100#, CP 0#
		0'	\$4,200	
09/02/01		0'	\$0	24 hrs on 30/64", 18 BO, 0 BW, 68 MCFG, FTP 100#, CP 0#
		0'	\$4,200	
09/03/01		0'	\$0	24 hrs on 28/64", 16 BO, 0 BW, 57 MCFG, FTP 100#, CP 0#
		0'	\$4,200	
09/04/01		0'	\$0	24 hrs on 30/64", 16 BO, 0 BW, 53 MCFG, FTP 100#, CP 0#
		0'	\$4,200	FINAL REPORT.
11/02/01		0'	\$3,395	Swab down and cut paraffin
		0'	\$3,395	MIRU, acidize w/ 2,500 GALS 15% HCL acid, drop 400 ball sealers, displace w/ 83 BBLS 1% slick water, SI 30 min, max PSI 30#, avg PSI 28#, avg rate 7.3 BPM, ISIP 0#, total load 143 BBLS, RU swab, unable to get swab down due to paraffin build up, start to cut paraffin.
				<b>Acid Treatment</b>
11/03/01		0'	\$2,150	Swab 7 hrs, IFL 7,200', 10 BO, 48 BW, FFL 5,800'
		0'	\$5,545	SITP 50#, unable to get paraffin knife down, hot oil tbg w/ 20 BBLS, start swab IFL 7,200', swab 7 hrs, 10 BO, 48 BW, FFL 5,800'.
11/04/01		0'	\$1,325	Swab 8 hrs, IFL 5,400', 83 BW, FFL 7,800', put well on line 32/64", 141 BW
		0'	\$6,870	
11/05/01		0'	\$0	SI 24 hrs, no activity, SITP 425#, SICP 0#, FINAL REPORT
		0'	\$6,870	
11/13/01		0'	\$2,730	TOOH w/ 362 jts 2 7/8" tbg and pkr
		0'	\$9,600	RUPU, kill well w/ 60 BBLS 2% KCL, ND wellhead, release pkr, NU BOP, TOOH w/ 362 jts 2 7/8" tbg and pkr.
11/14/01		0'	\$25,345	NW wellhead
		0'	\$34,945	TIH w/ mud jt, perf sub, SN, 3 jts 2 7/8" tbg, TA and 356 jts 2 7/8" tbg, test in hole to 7000#, ND BOP, set anchor w/ 16,000# tension, NU wellhead, rebuilt wellhead and csg connections to flowline, electrification complete.
11/15/01		0'	\$80,300	PU TIH w/ pump and rods
		0'	\$115,245	PU TIH w/ 2 1/2" x 1 1/2" x 24' pump, j-slot on/off tool, 295 - WCN 97 - 3/4" rods and 80 - WCN - 97 - 7/8" rods, 359 jts total, SN @ 11,231', anchor @ 11,134'.
11/16/01		0'	\$1,550	RIH w/ rods, hang on, press to 400, RTP, FIN RPT
		0'	\$116,795	TIH w/ 71 - WCN-97 - 7/8" rods, space out w/ 1 - 8', 1 - 6' and 1 - 2' - 7/8" subs hang on, load w/ 43 BW, pressure to 400#, bled back to 200#, pump up to 400#, OK, RTP.
07/06/02		0'	\$4,671	RIH w/ rebuilt pump & rods, RTP, FINAL REPORT
		0'	\$4,671	RUPU, POOH w/ rods and pump, RIH w/ rebuilt 2 1/2 x 1 1/2 x 24' RHBC pump, RIH w/ 295 - 3/4" rods, 151 - 7/8" rods, hang well on, load w/ 42 BPW, pressure to 500#, well pumping OK, RDMOPU, FINAL REPORT.
				<b>Pump Change</b>

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 Well-CHAMBERS 1-7;

Status: **WORKOVER**

CHAMBERS 1-7		7-16S-36E		Permian
Well #:	811888	AFE:	400029	LEA, NM
		Footage	Cost	WI: 65.187500 NRI: 47.912812
Date	Day	Depth	Cum Cost	Present Operation
08/22/02		0'	\$5,550	RIH w/ pump & rods, pressure to 500#
		0'	\$5,550	RUPU, POOH w/ 22 - 7/8" rods, well trying to flow, pump 50 BPW down tbg, POOH w/ 129 - 7/8" rods and 295 - 3/4" rods, RIH w/ new 2 1/2 x 1 1/4 x 20 x 24' RHBC pump, 295 - 3/4" rods and 151 - 7/8" rods, hang well on, load and test w/ 42 BPW, pressure to 500#, well pumping OK, RDPU.
				<b>Change Pump</b>
08/23/02		0'	\$0	24 hrs, 38 BO, 59 BW, 114 MCFG, TP 40#, CP 40#, FIN RPT
		0'	\$5,550	
08/31/02		0'	\$2,810	Well pumping OK, RDPU, release BOP, FINAL REPORT
		0'	\$2,810	RUPU, POOH w/ 151 - 7/8" rods and 295 - 3/4" rods and 2 1/2 x 1 1/4 x 20' x 24' RHBC pump, sent pump in, found seat, top cage badly chipped and worn, replaced ball and seat and top cage, install equalizer valve, RIH w/ 2 1/2 x 1 1/4 x 20' x 24' RHBC pump, 295 - 3/4" rods and 151 - 7/8" rods, hang well on, load and test w/ 43 BPW, pressure to 500#, well pumping OK, RDPU, release BOP.
04/17/03		0'	\$462	RDPU, SDFN
		11,828'	\$462	
				<b>Pump Change &amp; Acid Stimulation</b>
04/18/03		0'	\$9,961	Dump Acitol & 25 BPW down csg, RIH w/ new pump, test tbg, RTP
		11,828'	\$10,423	RU Cudd Pumping Services, load tbg w/ 2 BBLS, pressure up on tbg to 300# w/ pump in place, tie into csg and pump 48 BBLS Acidtol down csg, flush w/ 25 BLW, avg rate 3 BPM, avg PSI 0#, max PSI 40#, csg on vacuum, RD Cudd unhang well, unseat pump, POOH w/ 153 - 7/8" rods, 295 - 3/4" rods and 2 1/2 x 1 1/4" x 24' RHBC pump, prepare to run tbg, ND wellhead, release TAC, PU jts tbg and add to string, set SN @ 11,481', set 5 1/2" TAC @ 11,384', PS, BPMJ, EOT @ 11,517', NU wellhead, prepare to run rods, PU RIH w/ 2 1/2" x 1 1/4" x 24' RHBC pump and 295 - 3/4" rods and 161 - 7/8" rods, 8', 6', 2' x 7/8" rod subs, respace well and hang well on, load and test w/ 45 BPW, pressure to 500#, good pump action, RDMOPU, RTP.
04/19/03		0'	\$0	24 hrs, 13 BO, 115 BW, 150 MCFG, TP 200#, CP 40#
		11,828'	\$10,423	
04/20/03		0'	\$0	24 hrs, 22 BO, 98 BW, 230 MCFG, TP 200#, CP 40#
		11,828'	\$10,423	
04/21/03		0'	\$0	24 hrs, 38 BO, 91 BW, 255 MCFG, TP 200#, CP 40#, FIN RPT
		11,828'	\$10,423	