

Submit 3 Copies To Appropriate District Office

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-103

Revised March 25, 1999

WELL API NO.

015-32190

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

193805

7. Lease Name or Unit Agreement Name:

South Carlsbad

8. Well No. #6

9. Pool name or Wildcat

Carlsbad Morrow South

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Newfield Exploration MC Inc.

3. Address of Operator

110 West 7<sup>th</sup> Street, Suite 1300, Tulsa, OK 74119

4. Well Location

Unit Letter F : 1976 feet from the North line and 1455 feet from the West line

Section

27

Township

23S

Range

26E

NMPM

Eddy

County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

3265' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Isolate Water zones, attempt to flow, run pumping equipment if necessary.

XX

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

PLEASE SEE ATTACHED REPORT

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Production Engineer DATE 5-10-04

Type or print name Steve Tipton

Telephone No. 918-582-2690

(This space for State use)

APPROVED BY [Signature] TITLE [Signature] DATE JUN 07 2004

Conditions of approval, if **FOR RECORDS ONLY**

KB: 3320.0'  
DF: 3319.0'  
GL: 3301.0'  
Datum: 19.0' above GL

Carlsbad # 6  
Current

Petey Erwin 7/18/03  
API # 30-015-32190  
1980' FNL & 1320' FWL  
Sec 27-T23S-R26E  
Eddy Co., NM

TOC @

TOC @

TOC @

TOC 2nd Stage @ 4666'

DV Tool @ 7,007'

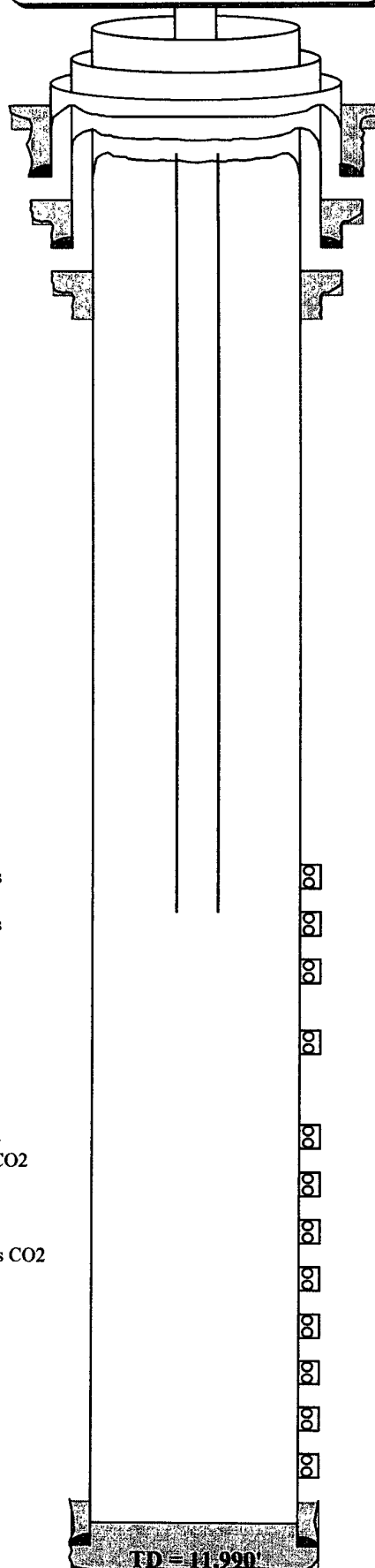
TOC 1st Stage @ 9030'

BD perfs w/SAP tool, Frac w/165 bbls  
wtr + 16,240# 20/40 + 54 tons CO2  
BD perfs w/SAP tool, Frac w/350 bbls  
wtr + 28,040# 20/40 + 115 tons CO2

BD perfs w/SAP tool, Frac w/394 bbls  
wtr + 32,254# 20/40 5095 + 117 tons CO2

BD perfs w/SAP tool, Frac w/569 bbls  
wtr + 51,525# 20/40 bauxite + 150 tons CO2  
11,464'-11,668'

PBTD = 11,754'



13-3/8", 48 #/ft, H-40  
set @ 515' w/452 sx

9-5/8", 40 #/ft, J-55  
set @ 2,025' w/510 sx

5-1/2", 17 #/ft, HCP-110  
set @ 11,989'  
1st stage 1,040 sx  
2nd stage 880 sx

2-7/8" 6.5 #/ft N-80 8rd tubing  
set @ 10,846'

Atoka

10,802'-10,809' (4 spf)\*\*

10,886'-10,892' (4 spf)\*\*

10,940'-10,946' (4 spf)\*\*

11,010'-11,018' (4 spf)\*\*

Morrow

11,330'-11,336' (4 spf)\*\*

11,366'-11,390' (4 spf)\*\*

11,464'-11,480' (4 spf) \*

11,524'-11,534\* (4 spf) \*

11,545'-11,562\* (4 spf) \*

11,596'-11,606\* (4 spf) \*

11,634'-11,642\* (4 spf) \*

11,662'-11,668\* (4 spf) \*

\*Original perfs shot 4 spf 5/02  
\*\*Perfs added during 3/03 R/C

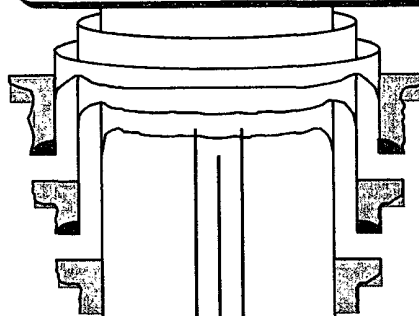
TD = 11,990'

KB: 3320.0'  
DF: 3319.0'  
GL: 3301.0'  
Datum: 19.0' above GL

**Carlsbad # 6**  
(Proposed w/PU Installation, no  
isolation)

Petey Erwin 7/18/03  
API # 30-015-32190  
1980' FNL & 1320' FWL  
Sec 27-T23S-R26E  
Eddy Co., NM

TOC @



13-3/8", 48 #/ft, H-40  
set @ 515' w/452 sx

TOC @

9-5/8", 40 #/ft, J-55  
set @ 2,025' w/510 sx

TOC @

5-1/2", 17 #/ft, HCP-110  
set @ 11,989'  
1st stage 1,040 sx  
2nd stage 880 sx

TOC 2nd Stage @ 4666'

DV Tool @ 7,007'

TOC 1st Stage @ 9030'

2-7/8" 6.5 #/ft N-80 8rd tubing  
3,510' 7/8" HS rods  
8,100' 3/4" HS rods  
1-1/4" insert pump

Atoka

BD perfs w/SAP tool, Frac w/165 bbls  
wtr + 16,240# 20/40 + 54 tons CO2  
BD perfs w/SAP tool, Frac w/350 bbls  
wtr + 28,040# 20/40 + 115 tons CO2

10,802'-10,809' (4 spf)\*\*  
10,886'-10,892' (4 spf)\*\*  
10,940'-10,946' (4 spf)\*\*  
10,992'-10,994' (4 spf)\*\*  
11,010'-11,018' (4 spf)\*\*

Morrow

BD perfs w/SAP tool, Frac w/394 bbls  
wtr + 32,254# 20/40 5095 + 117 tons CO2

11,330'-11,336' (4 spf)\*\*  
11,366'-11,390' (4 spf)\*\*  
11,464'-11,480\* (4 spf) \*  
11,524'-11,534\* (4 spf) \*  
11,545'-11,562\* (4 spf) \*  
11,596'-11,606\* (4 spf) \*  
11,634'-11,642\* (4 spf) \*  
11,662'-11,668\* (4 spf) \*

BD perfs w/SAP tool, Frac w/569 bbls  
wtr + 51,525# 20/40 bauxite + 150 tons CO2

PBTD = 11,754'

TD = 11,990'

\*Original perfs shot 4 spf 5/02  
\*\*Perfs added during 3/03 R/C

KB: 3320.0'  
DF: 3319.0'  
GL: 3301.0'  
Datum: 19.0' above GL

**Carlsbad # 6**  
(Proposed w/Isolation)

Petey Erwin 7/18/03  
API # 30-015-32190  
1980' FNL & 1320' FWL  
Sec 27-T23S-R26E  
Eddy Co., NM

TOC @

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BD perfs w/SAP tool, Frac w/569 bbls  
wtr + 51,525# 20/40 bauxite + 150 tons CO2

Scab Liner Packer set from 11,540'-11,580'  
(3.35" I.D.)

PBTD = 11,754'

13-3/8", 48 #/ft, H-40  
set @ 515' w/452 sx

9-5/8", 40 #/ft, J-55  
set @ 2,025' w/510 sx

5-1/2", 17 #/ft, HCP-110  
set @ 11,989'  
1st stage 1,040 sx  
2nd stage 880 sx

2-7/8" 6.5 #/ft N-80 8rd tubing  
X nipple  
1 jt 2-7/8" tubing  
(setting depth to be determined)

Atoka

10,802'-10,809' (4 spf)\*\*

10,886'-10,892' (4 spf)\*\*

10,940'-10,946' (4 spf)\*\*

10,992'-10,994' (4 spf)\*\*

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11,634'-11,642\* (4 spf) \*

11,662'-11,668\* (4 spf) \*

\*Original perfs shot 4 spf 5/02  
\*\*Perfs added during 3/03 R/C

TD = 11,990'

# NEWFIELD EXPLORATION MID-CONTINENT, INC. AUTHORITY FOR EXPENDITURE

<b>Preparer:</b>	P. ERWIN	<b>Date Prepared:</b>	9/2/03	<b>AFE #:</b>	
<b>Property Name:</b>	Carlsbad	<b>Tract:</b>		<b>Well:</b>	#6
<b>County:</b>	Eddy	<b>State:</b>	NM	<b>Field:</b>	Permian
<b>Location:</b>	1980' FNL & 1320' FWL Sec 27-T23S-R26E				
<b>Working Interest:</b>	.664773	<b>Income Interest:</b>	.58166040	<b>Est Compl Date:</b>	9/03
<b>Description:</b>	Isolate water zones, attempt to flow, run pumping equipment if necessary.				

INTANGIBLE ITEMS	AMOUNT
Mud & Chemicals	
Cement & Cement Service	
Completion/Workover Rig	12,000
Wireline/Perforation	
Stimulation	
Supervision	1,000
Transportation	3,000
Miscellaneous & Contingency	5,000
Special Services	3,000
Equipment Repairs	
Rental	
Other Intangible	
Other Intangible	
<b>Total Intangible:</b>	<b>\$24,000</b>

**APPROVED**

Working Interest Owner

TANGIBLE ITEMS	SIZE	FEET	\$ / FT	AMOUNT
Casing				
Tubing	2-7/8" 6.5 #, N-80	850	3	2,550
Trico 66 (or other HS) rods	7/8"	3,575	2.28	8,150
Trico 66 (or other HS) rods	3/4"	8,100	1.76	14,500
TAC	5-1/2" x 2-7/8"			2,000
Insert pump	1-1/2"			2,500
Flow Valves or Pump				
Used PU w/gas engine	C640-365-144			61,000
Wellhead & connections				5,300
Other Tangible				
<b>Total Tangible:</b>				<b>\$96,000</b>
<b>Total Gross:</b>				<b>\$120,000</b>

	BEFORE	EXPECTED
<b>BOPD</b>	0	0
<b>MCFD</b>	250	500
<b>BWPD</b>	20	120

Approvals:

Team Leader \_\_\_\_\_ Date \_\_\_\_\_ Operations Mgr. \_\_\_\_\_ Date \_\_\_\_\_

President. \_\_\_\_\_ Date \_\_\_\_\_

February 24, 2004  
P. Erwin

**Well:** Carlsbad #6  
**Location:** 1980' FNL & 1320' FWL SEC 27-T23S-R26E Eddy Co., NM

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KB .....	3320'	API#	30-015-32190
DF .....	3319'	W.I. ....	66.4773% .
GL .....	3301'	NRI . ....	58.16604% .

Permanent Datum = Kelly Bushing, 19' above GL

Casing: 13-3/8", 48 #/ft, H-40 set @ 515' w/452 sx.....TOC =  
9-5/8", 40 #/ft J-55 set @ 2,025' w/510 sx.....TOC =  
5-1/2", 17 #/ft, HCP-110 @ 11,989' w/1920 sx ..... TOC = 4,666' & 9,030'

TD = 11,990' PBSD = 11,754'

Perfs: Atoka: 10,886'-10,892' (4 spf)  
10,940'-10,946' (4 spf)  
10,992'-10,994' (4 spf)  
11,010'-11,018' (4 spf)  
Morrow: 11,330'-11,336' (4 spf)  
11,366'-11,390' (4 spf)  
11,464'-11,480' (4 spf)  
11,524'-11,534' (4 spf)  
11,545'-11,562' (4 spf)  
11,596'-11,606' (4 spf)  
11,634'-11,642' (4 spf)  
11,662'-11,668' (4spf)

Tubing Detail: 2-7/8", 6.5 #/ft N-80 EUE 8rd tubing @ 10,846'

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• **JOB DESCRIPTION** • Set BP & scab liner packer to isolate water production. If necessary, swab test Atoka & Upper Morrow zones individually, then make decision to run additional isolation equipment or set pumping unit.

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• **ECONOMICS** • Economics are based on an estimated cost of \$120 M and gross production uplift of 250 mcf/d.

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• **PROCEDURE** • **AFE # 040047** •

1. MIRU. ND WH and NU BOP.
2. Kill well & TOH w/tubing. Strap tubing on the trip out of hole.

3. PU bit and scraper for 5 1/2" 17# HCP-110 casing, TIH with 2 7/8" 6.5# N-80 tubing, and sufficient rental pipe to run scraper to PBTD at 11,754'. POOH and LD Bit and scraper.
4. RU Computalog and run gauge ring and junk basket to 11,700'. Set CIBP @ 11,655' & dump bail 5' cement on top of plug.
5. RU Weatherford to run scab liner. TIH w/2-7/8" tubing, X nipple, 1 jt 2-7/8" tubing, and scab liner packer assembly. Set lower packer @ 11,580' and top packer @ 11,540'.
6. PU to 11,500' to swab well in. Put on production over night to test rate and water volume.
7. Decision will be made at this point whether or not to proceed or put well on production, setting depth of tubing will be determined at this time.
8. TIH w/pkr & rbp to isolate the following intervals to individually swab test.
  - Morrow 11,366'-11,390'
  - Morrow 11,330'-11,336'
  - Atoka 10,992'-11,018'
  - Atoka 10,940'-10,946'
  - Atoka 10,886'-10,892'
  - Atoka 10,802'-11,018'
9. TOH w/pkr & rbp.
10. Make decision to set additional isolation equipment or install pumping equipment as follows:
11. Add 800' 2-3/8" on bottom, SN & MA, landed @ 11,610'.
12. PU & TIH w/perforated nipple, 1-1/4" insert pump, and 8,100' 3/4" + 3,500' 7/8" rods.
13. ND BOP & hook up wellhead.
14. Set used C-640-365-144 pumping unit with gas engine.
15. RDMO

## • WELL HISTORY •

5/31/02          Well drilled and completed.

Perforated Morrow: 11,464'-11,668', 4 spf. Treat w/Baker SAP tool w/2,845 gals acid & Frac down casing w/569 bbls water, 51,525# 20/40 bauxite, 150 tons CO2 @ 26.5 bpm & 4047 psi. Flow tested 1.5 mmcf/d @ 1500 psi on 16/64" choke. (NOTE: Well began loading up within 2 weeks of production.)

3/27/03          Recompleted Atoka & Morrow & Commingled.

Perforated Additional Morrow 11,366'-11,390', 4 spf. Acidized w/Baker SAP tool. Frac down casing w/394 bbls water, 32,254# 20/40 5095 + 117 tons CO2. AIR = 4700 psi. ISIP = 3,120 psi.

Perforated Atoka: 10,886'-11,018', (4 spf). Treated w/Baker SAP tool w/7-1/2% HCl w/65% methanol. ISIP = 2390 psi. Frac w/350 bbls water, 28,040# 20/40 proppant + 115 tons CO2. ISIP = 2818 psi.

Carlsbad #6  
4/8/2004  
Page 3

Perforated Additional Atoka: 10,802'-10,809' (4 spf). Acidized w/350 gals 7-1/2% HCl, AIR = 5 bpm @ 3800 psi, ISIP = 2913 psi. Frac w/165 bbls water, 16,240# 20/40 proppant + 54 tons CO<sub>2</sub>. AIR = 11 bpm @ 6250 psi, ISIP = 4300 psi.

TIH w/bit & 2-7/8" to to clean out to 11,754'. Commingled all intervals (NOTE: well started kicking when drilling out plug set above Morrow.) Pumped off bit, left 2-7/8" tubing @ 10,846'.



South Carlsbad #6

Eddy, NM

West Team

Newfield Exploration Mid-Continent		Workover		AFE - 40047		API # 30-015-32190	
Well	S. Carlsbad #6	Sect-Twp-Rge	27-T23S-R26E	Cty, State	Eddy, NM	24 HrFtg	WI 66%
Rig		AFE-Dry Hole Cost		AFE - Total WO		AFE TD 11,754'	NRI 58.17%
Operation	Set BP & Liner / Shut off water / Test zones						
4/7/04	MI KEY WOU / SAFETY MEETING W CREW / MI HOBBS ANCOR TESTERS & TESTED ALL ANCORS / PULLED ONE OUT & REPLACED / RU KEY UNIT # 411 / LAYED FLOW LINE TO PIT / BLEW DOWN PSI ON WELL / WILL ND WELL HEAD / NU BOP AM SDFN Daily Cost \$2,110 Cum Cost \$2,110						
4/8/04	CREW ON LOCATION / SAFETY MEETING / MI SET PIPE RACKS / UNLOADED TBG MI RU KILL TRK / PUMPED 50 BBL BRINE DWN CSG / ON VAC / NO WH / NU & TESTED BOP 2000# / PULLED WRAP ROUND / TOH W 345 JTS 2 7/8' TBG / XO SUB / PUMP OFF SUB / PU 4 5/8'S MILL TOOTH RR BIT / 5 1/2 CSG SCRAPER / BS / TIH / TAGED UP FIRM AT 10882 / TOH W 3 STDS TBG / CWI / RD MO KILL TRK / SD F WE Daily Cost \$9,244 Cum Cost \$11,354						
4/9-11/2004	Shut down for Easter Holiday Daily Cost \$0 Cum Cost \$11,354						
4/12/04	CREW ON LOCATION / SAFETY MEETING / MI RU WEATHERFORD RR / G&L FOAM AIR UNIT / OPEN WELL / 450# / BLEED DWN / RU & PUMPED 30 BBL BRINE DWN CSG 15 DWN TBG / W ON VAC / INSTALLED STRIPPER HEAD / TIH / TAGGED FILL / RU & STARTED FOAM / COULD NOT BREAK / RU & STARTED DRY DRLG / DRLG TO 10912 STARTED GETTING STICKY / PU / STILL NO CIRC / RU & PUMPED 15 BBL BRINE DWN TBG / WELL STARTED CIRC & UNLOADED / DRLG TO 10940 / PU CIRC HOLE CLEAN / POOH W 1 JT / CWI SDFN Daily Cost \$6,135 Cum Cost \$17,489						
4/13/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 650# TIH W 1 JT TBG / RU & START DRLG W FOAM / DRLG TO 11063 / DROPED OUT / RD SWIVEL / TIH & TAGED UP @ 11666 / BLEW DWN PSI / RD FOAM UNIT / RU & PUMPED BRINE DWN TBG & CSG TO KILL GAS / TOH / LAY DWN BIT & CSG SCRAPER / WO COMPUTER LOGGING FOR 1 HR / MI RU WL TRK / PU GR / CCL / 5 1/2 CIBP / TIH CORRELATED W CBL DATED 5/1/02 & SET CIBP @ 11655 / POH / PU BAILER / TIH SPOTED 5 FT CMT ON CIBP / PBTD @ 11650 / POOH / RD WL TRK / PU WEATHERFORD SCAB LINNER/ 1 JT 2 7/8 / 2.25 ID "F" NIPPLE / TIH W 30 STD TBG / CWI / SDFN Daily Cost \$10,975 Cum Cost \$31,164						
4/14/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 0 PSI / GOOD BLOW MI RU KILL TRK / PUMPED BRINE DWN CSG TO KILL GAS / TIH W LINNER / TAGED UP AT 10889 / TOH / LAYED DWN LINNER / LINNER MARKED ON BOTTOM PACKER SMALL PIECE OF STEEL EMBEDED IN ELEMENT / TIH W 30 STD KILL STRING CWI / SDFN / WO TOOLS WILL PU FLAT BOTTOM MILL & STRING MILL / AM / MAKE WIPER RUN Daily Cost \$3,564 Cum Cost \$34,728						
4/15/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 0 PSI / LITE BLOW MI RU FOAM-AIR UNIT / RR / OPEN WELL / TOH W KILL STRING / PU 4.875 FLAT BOTTOM MILL 1 3 1/2 DC / MILL WOULD NOT GO THRU WELL HEAD / LAY DWN MILL / WO HOT SHOT / PU 4 3/4 FLAT BOTTOM MILL / 1 3 1/2 DC / 4 3/4 STRING MILL / BUMPER SUB SET JARS / 5 3 1/2 DC / TIH TO 8958 / RU & UN LOADED HOLE W FOAM / TIH & TAGGED UP @ 10889 / RU POWER SWIVEL / FOAM AIR / MILLED 3ft / MILL FELL THRU / WIPED THRU BAD SPOT SEVERAL TIMES / RD SWIVEL / TIH TO 11605 / DID NOT TOUCH ANY THING ELSE / BLEED DWN WELL / RU & KILLED TBG / TOH TO 8900 / CWI SDFN WILL FINISH TOH / RUN LINER AM Daily Cost \$12,229 Cum Cost \$46,957						
4/16/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 450 # / GOOD BLOW / RU KILLED TBG & CSG / TOH / LAY DWN BHA / PU LINER / 1 JT 2 7/8'S / 2.25 ID "F" NIPPLE TIH / MI RU COMPUTALOG / PU GAMMA RAY CCL / TIH / CORRELATED W GAMMA RAY LOG DATED 1/27/02 / TOH / RD MO COMPUTALOG / SPACED OUT AND ATTEMPTED TO SET LINER / LINER WOULD NOT SET / MADE SEVER ATTEMPTS / COULD NOT SET LINER / TOH TO 2500ft / CWI / SDFN WILL TOH / PU NEW LINER AM Daily Cost \$11,603 Cum Cost \$58,560						
4/17/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 250 # / GOOD BLOW MI RU KILL TRK / KILL GAS ON TBG / TOH W & LAY DWN LINER / TIH W 30 STD KILL STRING / CWI / SD FWE / WO TOOLS NOTE: SLIP CAGE ON LINER TOOL FROZE TO MANDREL W FINE GRIT TUBULAR GOODS SIZE / O.D. WT./FT. GRADE: CONNECTION : DEPTH SET INTERMIT CASING 9 5/8 40# H-40 LT&C 2025 CASING 5.5 17 P110 LT&C 11989 TUBING 2 7/8 6.4 N-80 8rd EUE PACKER Daily Cost \$3,006 Cum Cost \$61,566						
4/18/04	No report Daily Cost \$0 Cum Cost \$61,566						

South Carlsbad #6

Eddy, NM

4/19/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 850# / GOOD BLOW BLEED OFF GAS / MI RU KILL TRK / PUMPED 70 BBL 2% KCL TO TOP KILL WELL / TOH W KILL STRING / PU 5 1/2 ARROW SET 1-XX MECH SET PK / W PUMP OUT SUB / 1 JT 2 7/8'S TBG / 5 1/2 ARROW HYDRO SET HYD PK / 2 7/8'S 2.25 ID PROFILE NIPPLE / 2 7/8'S T-Z O/O TOOL / 1 JT 2 7/8'S TBG / 2.31 ID PROFILE NIPPLE / TIH / MIRU COMPUTALOG & CORRELATED W BOND LOG DATED 5/1/03 & CORL LOG DATED 1/27/03 POOH / RD MO COMPUTALOG / SPACE OUT & SET MECH SET TOOL @ 11579 / ( ELEM) RU KILL TRK LOADED TBG & SET HYD SET TOOL @ 11540 ( ELEM ) PSI TBG TO 800# & SHEERED PUMP OUT SUB / WELL ON VAC / RD KILL TRK / GOT OFF OF O/O TOOL / LAY DWN 16FT SPACE OUT TBG & 1 JT / END TBG @ 11488 / SET DONUT IN WELL HEAD / RU CONTROL VALVE / RU FOAM-AIR TRK ON TBG & UNLOADED WELL / FLOWED BACK FOR 2 HRS / CWI / SDFN / WILL FLOW TEST WELL AM NOTE: MIM ID OF TOOLS 2.00in IN XO SUB BOTTOM HYD SET PK Daily Cost \$35,001 Cum Cost \$96,567					
4/20/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 900# / OPEN TO PIT BLOWING HARD / NO FLUID / RU & TURNED IN TO SALES LINE / 500 MCF ON 18/64 W 800# / FLOWED WELL @ 2 HRS STARTED DECREASING RATE / PSI FALLING / TURNED BACK TO PIT / TBG DEAD / CSG HOLDING 800# / RU STARTED SWABING / FL @ 6500ft SWABED TO 9500 / GET OUT OF HOLE W ONLY @ 200ft FLUID / BLACK WATER W FOAM / LARGE AMOUNT OF FINE SCALE / 7 RUNS HAVE RECOVERED @ 15 BBL FLUID / NO GAS / CSG STILL ON 800# / RU & BLEW DWN CSG / PSI FELL TO 400# FLUID HIT / CLEAN SOAPY WATER / FLOWED FOR @ 20 MIN / BACK ON GAS / PSI FELL TO 0 / RAN BACK IN HOLE W SWAB / NO FLUID / NO GAS / SD WAIT FOR 30 MIN RIH W SWAB / HITTING POCKETS @ 7000ft / RAN IN TO 9500 / RECOVERED @ 2 BBL FOAMY DARK FLUID / CSG 100# / NO GAS ON TBG / CWI SDFN Daily Cost \$3,650 Cum Cost \$100,217					
4/21/04	CREW ON LOCATION / SAFETY MEETING / OPEN WELL / 200# TBG / 1000# CSG OPEN TO PIT / BLEED OFF TBG IN @ 5 MIN / FLUID HIT SURFACE / FLOWED FOAMY H2O FOR @ 20 MIN & DIED / RU RIH W SWAB / HITTING POCKETS OF FLUID @ 7500 RIH TO 9500 / RECOVERED @ 5 BBL FOAMY H2O / LITE BLOW / AFTER 8 RUNS FL @ 4500 RIH TO 6500 / RECOVERED @ 5-6 BBL W LITE GAS / CSG 1300# / WELL FLOWING ON ITS ON @ 11:30 W 250# TBG / 1300 CSG 1330 150# TBG ON 3/4 CHOKE / CSG 1000# 1430 100# TBG / 3/4 CHOKE / 900 CSG 1530 75# TBG / 3/4 CHOKE / 875 CSG / MORE GAS THAN FLUID 1630 75# TBG / 3/4 CHOKE / 800 CSG / SOME FLUID 1730 75# TBG / 3/4 CHOKE / 800 CSG / 50% FLUID 1830 75# TBG / 3/4 CHOKE / 800 CSG / 50/50 / TURN OVER TO FLOW BACK CREW SDFN Daily Cost \$3,461 Cum Cost \$103,678					
4/22/04	CREW ON LOCATION / SAFETY MEETING / WELL FLOWING TO TEST TANK @ 70# TBG 700# CSG / 10-15% H2O / 0900 TURNED WELL DOWN SALES LINE / WOULD NOT BUCK LINE PSI / WORKED ON COMPRESSOR TO 12 NOON / ON LINE @ 150# TBG / 700# CSG 550 MCF / 6 BBL H2O HR 1315 400 MCF / 100# TBG / 700# CSG / 8 BPH H2O 1415 340 MCF / 100# TBG / 700# CSG / 6 BPH H2O 1445 COMPRESSOR WENT DWN / WO MECH / TURNED INTO TEST TANK @ 70# TBG 700 CSG 1645 COMPRESSOR BACK ON LINE / 400 MCF / 100# TBG / 700# CSG / 6 BPH H2O 1800 250 MCF / 100# TBG / 700# CSG / 6 BPH H2O SDF N / WELL FLOWING DOWN SALES LINE NOTE: SHUT WELL IN WILL BUILD TO 300# TBG IN 5 MIN Daily Cost \$3,862 Cum Cost \$107,540					
4/23/04	CREW ON LOCATION / SAFETY MEETING / WELL FLOWING TBG 100# / CSG 700# / 250 MCF FLOWED IN 18 HRS 107 BBL H2O / 226.2 MCF TURNED WELL OVER TO PUMPER TO TEST OVER WEEK-END TUBULAR GOODS SIZE / O.D. WT./FT. GRADE: CONNECTION : DEPTH SET INTERMIT CASING 9 5/8 40# H-40 LT&C 2025 CASING 5.5 17 P110 LT&C 11989 TUBING 2 7/8 6.4 N-80 8rd EUE 11488 ARROW HYDRO SET 5.5 17 8rd EUE 11540 ARROW SET 1 XX 5.5 17 8rd EUE 11579 Daily Cost \$2,725 Cum Cost \$110,265					
4/24/04	WELL FLOWING @ 40# TBG ON 3/4 CHOKE / 625# CSG / SHOWED TO PRODUCED 250 MCF / 114 BBL H2O Daily Cost \$0 Cum Cost \$110,265					
4/25/04	WELL FLOWING @ 40# TBG ON 3/4 CHOKE / 620# CSG / SHOWED TO PRODUCED 238 MCF / 86 BBL H2O Daily Cost \$0 Cum Cost \$110,265					
4/26/04	CREW ON LOC / SAFETY MEETING / WOO / WO WIRE LINE TRK TO SET PLUG / MI RU PRO WIRE LINE / PU 2.31 "F" PLUG / RIH / SEVERAL TIGHT SPOTS 500 TO 2100ft DROPPED THRU RIH TO 10925 / SET DWN / WOULD NOT GO ANY FUTHER / SET PLUG POOH / PU FISHING TOOLS / RIH PULLED MANDRELL OUT OF TOOL / WO HOT SHOT FOR RETREIVING TOOL / FISHED "F" PLUG / POOH TO 3420 HUNG UP TOOL / SHEARED OFF FISHING TOOL / POOH / PU OVERSHOT / RIH / LATCHED ON TO PLUG & JARED SAME OUT OF HOLE / PLUG WAS FULL OF SCALE / PU "CW" SLIP STOP PLUG RAN IN HOLE TO 500ft ATT TO SET TOOL / SHEARED OFF / TOOL FELL TO 9600ft / POOH PU FISHING TOOL / RIH / LATCHED ON TO PLUG / AND POOH / LAYD DWN PLUG CWI / SDFN / WILL RUN NEW TOOL AM Daily Cost \$3,900 Cum Cost \$114,165					

Eddy, NM

4/27/04	CREW ON LOC / SAFETY MEETING / OPEN WELL 600# TBG / 1000# CSG / RU WL TRK PU "CW" SLIP SET WL PLUG / RIH & SET PLUG @ 180ft / RD WL EQU / ND BOP / NU WELL HEAD & PRODUCTION EQU / RU WL EQ / RIH TO RETRIEVE PLUG / DROPE PLUG / RIH TO 10920 / LATCHED ON TO PLUG / POOH / RD MO WL TRK / STARTED COMPRESSOR / TURNED WELL DWN FLOW LINE / RD MO KEY WO UNIT / WELL FLOWED FOR @ 2hrs & TBG PSI STARTED FALLING / WELL DEAD / TURNED OVER TO PRODUCTION TO RIG UP SWAB UNIT & UNLOAD WATER
Daily Cost	\$4,721
Cum Cost	\$118,886