



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
DISTRICT I Hobbs
PO BOX 1980
Hobbs, NM 88241-1981
(505) 393-6161

Jennifer A. Salisbury
CABINET SECRETARY

March 25, 1998

Collins & Ware Inc.
508 W. Wall, Ste 1200
Midland, TX 79701

ATTN: Ronnie Pryor

RE: BRADENHEAD TEST LETTER 3/16/98
EAST CAPROCK #2, UNIT B, S14-T12S-R32E

Gentlemen:

After further review of bradenhead test results performed on February 23, 1998, on the above referenced well, please note that the attached test has been approved.

Please consider this letter as verification the the OCD District I office concurs with the test as being in compliance with OCD rules and guidelines.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris Williams".

CHRIS WILLIAMS
District I Supervisor

/sad

PT-2 24-97
replaced

NEW MEXICO OIL CONSERVATION DIVISION
CASING--BRADENHEAD TEST

OPERATOR: COLLINS & WARE INC 30-025-00113
LEASE: EAST CAPROCK WELL # 2 --
POOL: DEVONIAN UNIT LTR B
FOOTAGE 330-N SECTION 14 TWN 12 S RANGE 32 E
FOOTAGE 2310-E PRESS LM1 NA TYPE LEASE . TYPE WELL S
ORDER NO. SWD-50 DATE INJ. BEGAN .

=====

TEST DATE 22-Feb-96 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: LU OCD REP: TURNACLIFF
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0 .
INTERM-2 > 0 .
PROD 5 1/2 11500 NDB 600SX
LINER 13" VAC 20 SEC-0 1/2" VALV

TUBING 3 1/2 11134 PKR 20" VAC NOT AFFECTED BY PR
IF WELL IS ON VACUUM: SI 20 MIN. TBG PRESS 24" VAC
CSG: VACUUM 4" VAC-0 , STATIC -- APPROX. HRS/DAY WELL 24 HRS A
REMARKS: OK PER JS-NOTE 95 TEST SNC NO
REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE 24-Feb-97 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: NAT OCD REP: JACK GRIFFIN
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0 .
INTERM-2 > 0 .
PROD 5 1/2 11500 NDB 600SX
LINER 20 2 MIN-0

TUBING 3 1/2 11134 PKR 4 .
IF WELL IS ON VACUUM: SI . MIN. , TBG PRESS .
CSG: VACUUM . , STATIC . , APPROX. HRS/DAY WELL .
REMARKS: . SNC NO
REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE 02-23-98 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: Bert OCD REP: Jack
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0
INTERM-2 > 0
PROD 5 1/2 11500 NDB 600SX > 110 # bleed 5 min via 1/2" Needle Valve - 56"

LINER > 30 #

TUBING 3 1/2 11134 PKR

IF WELL IS ON VACUUM: SI _____ MIN. TBG PRESS _____

CSG: VACUUM _____ STATIC _____ APPROX. HRS/DAY WELL _____

REMARKS: _____ SNC NC
REPAIR LETTER DATE 3/16/98 Date Repaired

=====



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OIL CONSERVATION DIVISION
DISTRICT I Hobbs
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(505) 393-6161

Jennifer A. Salisbury
CABINET SECRETARY

March 16, 1998

Collins & Ware Inc.
508 W. Wall, STE 1200
Midland, TX 79701

RE: EAST CAPROCK SWD #2, UNIT B, S14-T12S-R32E

Gentlemen:

An Oil Conservation Division Representative recently witnessed a bradenhead test, on the above referenced well.

According to the test information, the well failed to meet mechanical integrity standards with the test information showing a slight vacuum on the production and tubing.

As required by EPA, we request that you shut this well in, until repairs to the well can be performed and approved.

We request 24 hours notice prior to repairs in order to witness the operation and pressure test upon completion of repairs.

We are enclosing a copy of the test sheet for your information.

Sincerely,

CHRIS WILLIAMS
District I Supervisor

/sad

cc: Lori Wrotenbery
✓File

Enclosure

Tested and

MAR 31 1998 comp

NEW MEXICO OIL CONSERVATION DIVISION
CASING--BRADENHEAD TEST

OPERATOR: COLLINS & WARE INC 30-025-07287
LEASE: KNOWLES SWD WELL # 2 --
POOL: SAN ANDRES UNIT LTR P
FOOTAGE 660-S SECTION 34 TWN 16 S RANGE 38 E
FOOTAGE 660-E PRESS LMT NA TYPE LEASE . TYPE WELL S
ORDER NO. SWD-169 DATE INJ. BEGAN .

=====

TEST DATE 10-Aug-96 TEST TYPE PT PASS/FAIL PSNO3
OPERATOR REP: NDB OCD REP: NOT WITNESSED
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 262 0 200SX

INTERM-1 8 5/8 4782 0 1500SX > . .

INTERM-2 > . .

PROD 5 1/2 12440 0 600SX > . .

LINER

TUBING 2 3/8 5975 PKR
IF WELL IS ON VACUUM: SI. MIN. TBG PRESS.
CSG: VACUUM . , STATIC . APPROX. HRS/DAY WELL .
REMARKS: 8/96 C/O RESET PKR PT CHART SUBMITTED SNC NO
REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE 24-Feb-97 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: RONNIE PRYER OCD REP: BUDDY HILL
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 262 0 200SX

INTERM-1 8 5/8 4782 0 1500SX > 0 .

INTERM-2 > 0 .

PROD 5 1/2 12440 0 600SX > . .

LINER

TUBING 2 3/8 5975 PKR 140 PUMP NOT RUNNING
IF WELL IS ON VACUUM: SI. MIN. TBG PRESS.
CSG: VACUUM . , STATIC . , APPROX. HRS/DAY WELL .
REMARKS: . SNC NO
REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE 02-23-98 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: Ronnie Pryer OCD REP: Jack
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 262 0 200SX

INTERM-1 8 5/8 4782 0 1500SX > 0

INTERM-2 > 0

PROD 5 1/2 12440 0 600SX > 0

LINER

TUBING 2 3/8 5975 PKR > 260

IF WELL IS ON VACUUM: SI. MIN. TBG PRESS.

CSG: VACUUM . STATIC . APPROX. HRS/DAY WELL Auto-24hrs

REMARKS: . SNC NO

REPAIR LETTER DATE DATE REPAIRED

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26 Filed And ✓
MAR 31 1998 Comp ✓

NEW MEXICO OIL CONSERVATION DIVISION
CASING--BRADENHEAD TEST

OPERATOR: COLLINS & WARE INC 30-025-01015
LEASE: BAGLEY SWD WELL # 4 --
POOL: SIL-DEVONIAN UNIT LTR N
FOOTAGE 660-S SECTION 35 TWN 11 S RANGE 33 E
FOOTAGE 1980-W PRESS LMT NA TYPE LEASE TYPE WELL S
ORDER NO. R-4891 DATE INJ. BEGAN .

=====

TEST DATE	22-Feb-96	TEST TYPE	BHT	PASS/FAIL	BSO1
OPERATOR REP:	LU	OCD REP:	TURNACLIFF		
CASING SIZE		SET AT	TOP CMT	CEMENTED	PRESSURE REMARKS
SURFACE	16	300	NDB	500SX	

INTERM-1 10 3/4 3600 NDB 1500SX > 0 .

INTERM-2 > 0 PUFF

PROD 7 5/8 12500 NDB 1000SX > . .

LINER 5 1/2 10680 0 550SX 0 .

TUBING 3 1/2 10675 PKR 5" VAC .

IF WELL IS ON VACUUM: SI 20 MIN. TBG PRESS 28" VAC

CSG: VACUUM TSTM-VAC-0, STATIC -- APPROX. HRS/DAY WELL 24 HRS A

REMARKS: 7/2/95 ACDZ OH RESUMED INJECTION SNC NO

REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE	24-Feb-97	TEST TYPE	PT	PASS/FAIL	PSWO1
OPERATOR REP:	NAT	OCD REP:	JACK GRIFFIN		
CASING SIZE		SET AT	TOP CMT	CEMENTED	PRESSURE REMARKS
SURFACE	16	300	NDB	500SX	

INTERM-1 10 3/4 3600 NDB 1500SX > 0 .

INTERM-2 > TSTM SHOW WATER

PROD 7 5/8 12500 NDB 1000SX > . .

LINER 5 1/2 10680 0 550SX 0 .

TUBING 3 1/2 10675 PKR 11" VAC .

IF WELL IS ON VACUUM: SI . MIN., TBG PRESS .

CSG: VACUUM . , STATIC . , APPROX. HRS/DAY WELL .

REMARKS: PRESS-320-15 MIN-BLED-0 OK SNC NO

REPAIR LETTER DATE . DATE REPAIR .

=====

TEST DATE	02-23-98	TEST TYPE	BHT	PASS/FAIL	BSO1
OPERATOR REP:	Burt	OCD REP:	Jack		
CASING SIZE		SET AT	TOP CMT	CEMENTED	PRESSURE REMARKS
SURFACE	16	300	NDB	500SX	

INTERM-1 10 3/4 3600 NDB 1500SX > 0

INTERM-2 > 15 ϕ in 5 sec - Show H₂O

PROD 7 5/8 12500 NDB 1000SX > . .

LINER 5 1/2 10680 0 550SX > 0 Puff TSTM

TUBING 3 1/2 10675 PKR > 30" Vac

IF WELL IS ON VACUUM: SI 20 MIN. TBG PRESS 30"

CSG: VACUUM STATIC ✓ APPROX. HRS/DAY WELL Auto 24 Hrs

REMARKS: SNC NO

REPAIR LETTER DATE DATE REPAIRED

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MAR 31 1998
Camp

PT - 2-24-97
Reflected

NEW MEXICO OIL CONSERVATION DIVISION
CASING--BRADENHEAD TEST

OPERATOR: COLLINS & WARE INC 30-025-00113
LEASE: EAST CAPROCK WELL # 2 --
POOL: DEVONIAN UNIT LTR B
FOOTAGE 330-N SECTION 14 TWN 12 S RANGE 32 E
FOOTAGE 2310-E PRESS LMT NA TYPE LEASE TYPE WELL S
ORDER NO. SWD-50 DATE INJ. BEGAN .
=====

TEST DATE 22-Feb-96 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: LU OCD REP: TURNACLIFF
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0
INTERM-2 > 0
PROD 5 1/2 11500 NDB 600SX > .
LINER 13" VAC 20 SEC-0 1/2" VALV

TUBING 3 1/2 11134 PKR 20" VAC NOT AFFECTED BY PR
IF WELL IS ON VACUUM: SI 20 MIN. TBG PRESS 24" VAC
CSG: VACUUM 4" VAC-0 , STATIC -- APPROX. HRS/DAY WELL 24 HRS A
REMARKS: OK PER JS-NOTE 95 TEST SNC NO
REPAIR LETTER DATE . DATE REPAIR .
=====

TEST DATE 24-Feb-97 TEST TYPE BHT PASS/FAIL BSO1
OPERATOR REP: NAT OCD REP: JACK GRIFFIN
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0
INTERM-2 > 0
PROD 5 1/2 11500 NDB 600SX > .
LINER 20 2 MIN-0

TUBING 3 1/2 11134 PKR 4 .
IF WELL IS ON VACUUM: SI MIN., TBG PRESS.
CSG: VACUUM , STATIC , APPROX. HRS/DAY WELL .
REMARKS: . SNC NO
REPAIR LETTER DATE . DATE REPAIR .
=====

TEST DATE 02-23-98 TEST TYPE BHT PASS/FAIL ~~BSOI~~ BSO1
OPERATOR REP: Bert OCD REP: Jack
CASING SIZE SET AT TOP CMT CEMENTED PRESSURE REMARKS
SURFACE 13 3/8 300 NDB 225SX
INTERM-1 8 5/8 3585 NDB 1500SX > 0
INTERM-2 > 0
PROD 5 1/2 11500 NDB 600SX > 110 # bleed 5 min via 1/2" Needle Valve - 56"
LINER > 30"
TUBING 3 1/2 11134 PKR
IF WELL IS ON VACUUM: SI MIN. TBG PRESS
CSG: VACUUM STATIC APPROX. HRS/DAY WELL
REMARKS: SNC NO
REPAIR LETTER DATE 3/16/98 DATE REPAIRED

=====

X See attached letter of correction to
Annex stating test is okay.

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENTOIL CONSERVATION DIVISION
DISTRICT I HOBBS
PO BOX 1980
Hobbs, NM 88241-1981
(505) 393-8151Jennifer A. Salisbury
CABINET SECRETARY

March 16, 1998

*Ronnie
390-5635*Collins & Ware Inc.
508 W. Wall, STE 1200
Midland, TX 79701

RE: EAST CAPROCK SWD #2, UNIT B, S14-T12S-R32E

*Ronnie
Conservation
a lot of
work
done
2/15/98*

Gentlemen:

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We are enclosing a copy of the test sheet for your information.

Sincerely,

*Chris Williams*CHRIS WILLIAMS
District I Supervisor

/sad

cc: Lori Wrotenbery
File

Enclosure

NEW MEXICO OIL CONSERVATION DIVISION
CASING--BRADENHEAD TEST

OPERATOR: COLLINS & WARE INC

LEASE: EAST CAPROCK

POOL: DEVONIAN

FOOTAGE 330-N

FOOTAGE 2310-E

ORDER NO. SWD-50

SECTION

PRESS LMT NA

14

UNIT LTR B

TWN 12 S

TYPE LEASE

DATE INJ. BEGAN

30-025-00113

WELL # 2 --

RANGE 32 E

TYPE WELL S

TEST DATE 22-Feb-96 TEST TYPE BHT

OPERATOR REP: LU

CASING SIZE SET AT TOP CMT

SURFACE 13 3/8 300 NDB

PASS/FAIL BSO1

OCD REP: TURNACLIFF

CEMENTED PRESSURE REMARKS

225SX

INTERM-1 8 5/8

3585 NDB

1500SX

> 0

INTERM-2

> 0

PROD 5 1/2

11500 NDB

600SX

>

LINER

13" VAC 20 SEC-0 1/2" VAL

TUBING 3 1/2

11134 PKR

IF WELL IS ON VACUUM: SI 20 MIN.

CSG: VACUUM 4" VAC-0, STATIC --

REMARKS: OK PER JS-NOTE 95 TEST

REPAIR LETTER DATE

DATE REPAIR

TEST DATE 24-Feb-97 TEST TYPE BHT

OPERATOR REP: NAT

CASING SIZE SET AT TOP CMT

SURFACE 13 3/8 300 NDB

PASS/FAIL BSO1

OCD REP: JACK GRIFFIN

CEMENTED PRESSURE REMARKS

225SX

INTERM-1 8 5/8

3585 NDB

1500SX

> 0

INTERM-2

> 0

PROD 5 1/2

11500 NDB

600SX

>

LINER

20 2 MIN-0

TUBING 3 1/2

11134 PKR

IF WELL IS ON VACUUM: SI MIN.,

CSG: VACUUM, STATIC

REMARKS:

REPAIR LETTER DATE

DATE REPAIR

TEST DATE 2-23-98 TEST TYPE BHT

OPERATOR REP: *Art*

CASING SIZE SET AT TOP CMT

SURFACE 13 3/8 300 NDB

PASS/FAIL *BSO1*

OCD REP: *Jack*

CEMENTED PRESSURE REMARKS

225SX

INTERM-1 8 5/8

3585 NDB

1500SX

> 0

INTERM-2

> 0

PROD 5 1/2

11500 NDB

600SX

> *Head 5 min via 1/2*
110 Head Value - 86"

LINER

TUBING 3 1/2

11134 PKR

IF WELL IS ON VACUUM: SI MIN.

CSG: VACUUM STATIC

REMARKS:

REPAIR LETTER DATE *10/98*

DATE REPAIRED

SNC *NO*

30" pump pressure