

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-025-25726
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
8. Well Number 70
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM G/B SAN ANDRES

SUNDRY NOTICES AND REPORTS ON WELLS NOV 04 2014
(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.) RECEIVED

1. Type of Well: Oil Well ☐ Gas Well ☒ Other INJECTOR
2. Name of Operator CHEVRON U.S.A INC.
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705
4. Well Location Unit Letter <u>E</u> : <u>2630</u> feet from the <u>NORTH</u> line and <u>1310</u> feet from the <u>WEST</u> line Section <u>36</u> Township <u>17-S</u> Range <u>34-E</u> NMPM County <u>LEA</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4,006' (GL)

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

WORK COMPLETED FROM 10/2/14 - 10/20/14:

CLEAN OUT WELL

RIH W/ 3.5" LINER FROM SURFACE TO 4,256'

CEMENT IN LINER W/ 34 BBLS OF CEMENT, 2 BBLS CIRCULATED

DRILL OUT CEMENT TO 4,255 & TEST 3.5" LINER TO 500# FOR 30 MINUTES, GOOD TEST

CONTINUE TO DRILL OUT PAST THE LINER SHOE

RIH W/ 2-1/16" INJECTION STRING & 3.5" PACKER, SET PACKER AT 4,250'

CONDUCT OFFICIAL CHART FOR MIT FOR 35 MINUTES @ 580#, TEST GOOD

RTI

CHART ATTACHED-

Approved packer setting
under R 4442 G

Spud Date:

Rig Release Date:

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

SIGNATURE Ryan Wazmke TITLE Production Engineer DATE 11/03/2014
Type or print name RYAN WAZMKE E-mail address: Ryan.Wazmke@Chevron.com PHONE: 432-687-7452
For State Use Only

APPROVED BY: Bill Samanah TITLE Staff Manager DATE 11/4/2014
Conditions of Approval (if any):

FOR RECORD ONLY

NOV 25 2014

PRINTED IN U.S.A.

6 PM

7

8

9

10

11

MIDNIGHT

1

2

3

4

5

6 AM

7

8

FOR RECORD ONLY

Graphic Controls

DATE
BR 2221

DATE 10/20/2007
WELL NAME CVU 908
SUPERVISOR Bob Dunbar
VALVE TYPE 3 1/2 x 2 1/4 1200
VALVE SETTING 4246
ROTATIONS 4380 - 4200

BR 114 2014

NOON

1

2

3

4

5

**CURRENT
WELLBORE DIAGRAM**

Created: 6/21/2005 By: MTR
Updated: 8/1/2007 By: HLH
Updated: 9/3/2008 By: BOHI
Updated: 9/9/2008 By: CAYN
Lease: Central Vacuum Unit
Surface Location: 2630 FNL & 1310 FWL
Bottomhole Location:
County: Lea St: NM
Current Status: Active Injector
Directions to Wellsite: Buckeye, New Mexico

Well No.: 70 WIW
Unit Ltr: E
Unit Ltr:
St Lease: B-1551
Elevation: 4006' GR

Field: Vacuum
Sec: 36 TSHP/Range: 17S-34E
Sec: TSHP/Range:
API: 30-025-25726 Cost Center:
CHVNO: EP8896 TEPI:
MVP:

Surface Csg.

Size: 9 5/8"
Wt.: 40#, N-80
Set @: 397'
Sxs cmt: 450 Sx 2%
Circ: CaCl
TOC: Yes
Hole Size: Surf
12 1/4

Production Csg.

Size: 4 1/2"
Wt.: 10.5 K-55
Set @: 4800'
Cement Details: 2000 Sx LW
cmt 15# Salt Lead
200 Sx "C" 8#
salt Tail
Circ: Yes
TOC: surf
Hole Size: 7-7/8"

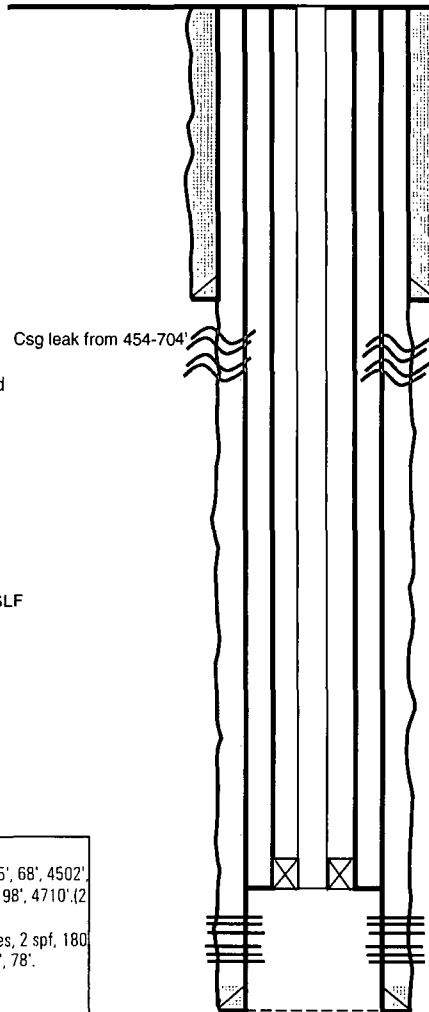
Liner.

Size: 3 1/2"
Wt.: 9.2# L-80, Hunting SLF
Set @: 4,256'
Cmt Amount: 34 bbls, 14.8#
Circ: Yes, 2 Bbls
TOC: Surf

Perfs 4380 - 4710'

Perforation detail:

2/9/1978: 4380'-4710': 4380', 90', 4408', 19', 31', 55', 68', 4502', 43', 58', 66', 4607', 18', 28', 30', 4652', 60', 70', 83', 98', 4710' (2 spf)
6/15/96: Add perfs: Perf with 3-1/8" gun, 0.34" holes, 2 spf, 180 deg phase at 4385', 4411', 15', 72', 4540', 4652', 64', 78'.



KB: 4018 ft
DF: 4017
GL: 4006 ft
Kelly Bushing: 0

Original Spud Date: 1/20/1978
Original Compl. Date: 2/12/1978

Well & Failure History

2/9/1978: Perf & Acid: Perf @ 2 spf 4380'-4710': 4380', 90', 4408', 19', 31', 55', 68', 4502', 43', 58', 66', 4607', 18', 28', 30', 4652', 60', 70', 83', 98', 4710'. Acid with 2400 gls 15% NE HCL.
4-24-87: Cleaned & Acid: Cleaned to 4768' with bit. Acid w/ 9,000 gls 20% gelled NEFE & 3100# rock salt. before 862/865# After 1700/750#
6-11/14-96: Cleaned, Add perfs, & Acid: Tagged @ 4321' and cleaned to 4676'. Perf with 3-1/8" gun, 0.34" holes, 2 spf, 180 deg phase at 4385', 4411', 15', 72', 4540', 4652', 64', 78'. Acid w/ 5,000 gls 20% NEFE HCL & 3000# rock salt. Ran Csg Inspection Log
1999- last profile 4600-4750 exit
7-7-05: Tagged @ 4306'
6-6/29-07: Clean out & Acidize: CO to 4782' acid w/9000 gals 15%, run csg log fr 4272-surface
9/8/08 Tag @4396'. Set down @ pkr. Fell thru.
3/1/14 MIT Repair: Found holes from 454-704'. Multiple cement squeezes unsuccessful. CO well. RIH w/ 3.5" liner from surface to 4,256'. Cement in liner w/ 34 Bbls cmt, 2 bbls circulated. DO cement to 4,255' & test 3.5" liner to 500# for 30 minutes, good test. Continue to DO cement past the liner shoe. RIH w/ 2-1/16" injection string & 3.5" packer, set packer @ 4,250'. Conduct MIT for 35 minutes @ 580#, test good. RTI.

TUBING DETAILS

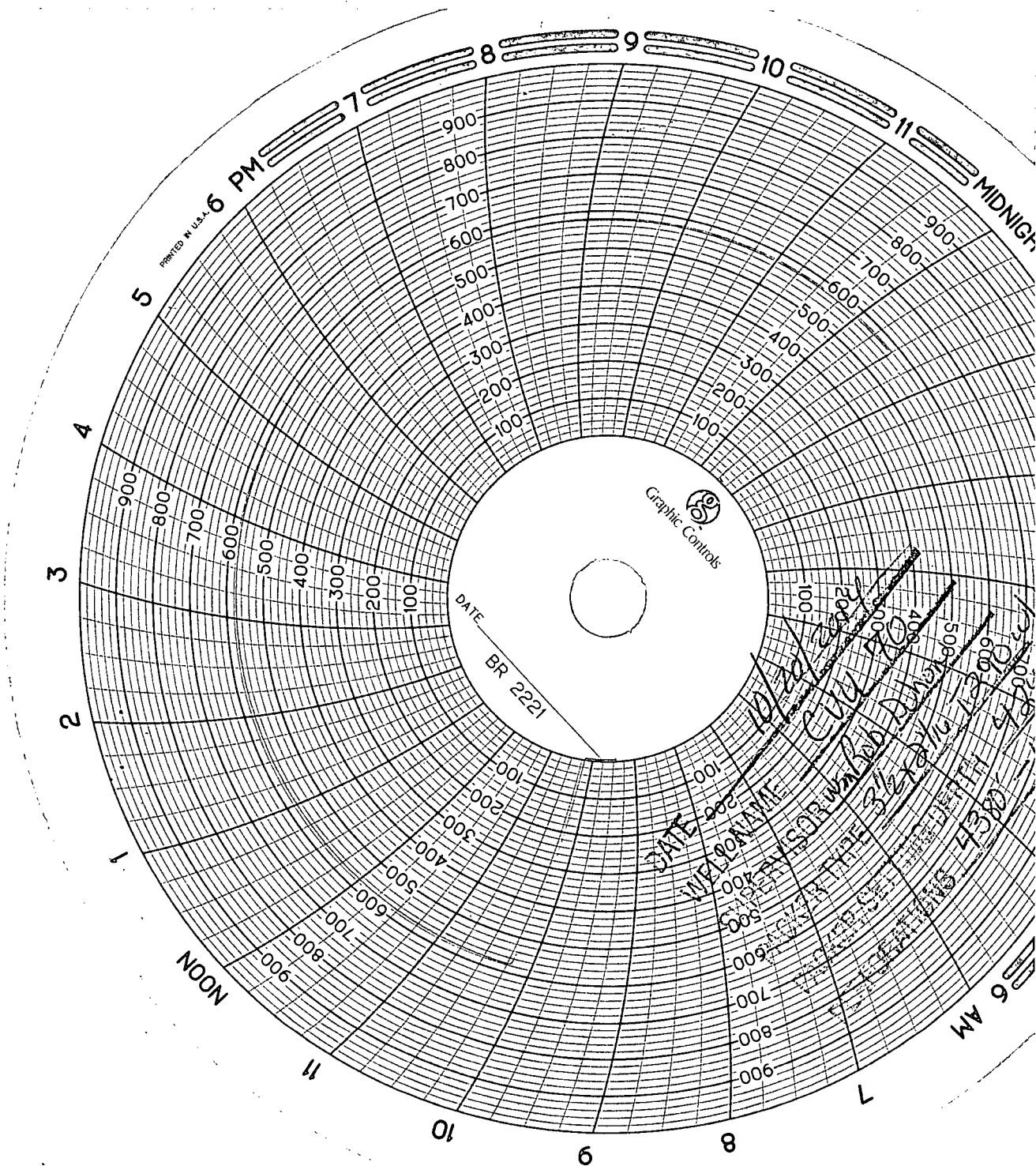
#	Size	Footage	Depth
138	JTS 2 1/16" TK-99	4217.19	4238.80
1	O/F tool w/ profile (1.25" F)	0.95	4241.50
1	3 1/2" pkr w/ P/O plug	4.50	4246.00

Pkr set @ 4,250' (1.25 Type "F" w/ o/o Tool)
Bottom of Liner @ 4,256'

ZONES

Top	Top Depth, ft	Interval	Net
GB Marker	4,140		
GB Dol Top	4,260	50	-
GB Dol Bott	4,310	30	-
San Andres	4,340	160	60
LSA	4,500	220	160
O/W	4,720		
TOTAL		460	220
Gross / Net Ratio		47.8%	
Total perforated		29	13.2%

FOR RECORD ONLY



✓

**CURRENT
WELLBORE DIAGRAM**

Created: 6/21/2005 By: MTR
 Updated: 8/1/2007 By: HLH
 Updated: 9/3/2008 By: BOHI
 Updated: 9/9/2008 By: CAYN
 Lease: Central Vacuum Unit
 Surface Location: 2630 FNL & 1310 FWL
 Bottomhole Location:
 County: Lea St: NM
 Current Status: Active Injector
 Directions to Wellsite: Buckeye, New Mexico

Well No.: 70 WIW
 Unit Ltr: E
 Unit Ltr:
 St Lease: B-1551
 Elevation: 4006' GR

Field: Vacuum
 Sec: 36 TSHP/Range: 17S-34E
 Sec: TSHP/Range:
 API: 30-025-25726 Cost Center:
 CHVNO: EP8896 TEPI:
 MVP:

Surface Csg.
 Size: 9 5/8"
 Wt.: 40#, N-80
 Set @: 397'
 450 Sx 2%
 Sxs cmt: CaCl
 Circ: Yes
 TOC: Surf
 Hole Size: 12 1/4"

Production Csg.
 Size: 4 1/2"
 Wt.: 10.5 K-55
 Set @: 4800'
 2000 Sx LW
 Cement Details: cmt 15# Salt Lead
 200 Sx "C" 8#
 salt Tail
 Circ: Yes
 TOC: surf
 Hole Size: 7-7/8"

KB: 4018 ft
 DF: 4017
 GL: 4006 ft
 Kelly Bushing: 0

Original Spud Date: 1/20/1978
 Original Compl. Date: 2/12/1978

Well & Failure History
 2/9/1978: Perf & Acid: Perf @ 2 spl 4380'-4710'; 4380', 90', 4408', 19', 31', 55', 68', 4502', 43', 58', 66', 4607', 18', 28', 30', 4652', 60', 70', 83', 98', 4710'. Acid with 2400 gls 15% NE HCL.
 4-24-87: Cleaned & Acid: Cleaned to 4768' with bit. Acid w/ 9,000 gals 20% gelled NEFE & 3100# rock salt, before 862/865# After 1700/750#
 6-11/14-96: Cleaned, Add perfs. & Acid: Tagged @ 4321' and cleaned to 4676'. Perf with 3-1/8" gun, 0.34" holes, 2 spl, 180 deg phase at 4385', 4411', 15', 72', 4540', 4652', 64', 78'. Acid w/ 5,000 gals 20% NEFE HCL & 3000# rock salt. Ran Csg Inspection Log
 1999: Last profile 4600-4750' exit
 7-7-05: Tagged @ 4306'
 6-6/23-07: Clean out & Acidize: CO to 4782' acid w/ 9000 gals 15%, run csg log fr 4272'-surface
 9/8/08 Tag @ 4396'. Set down @ pkr. Fell thru.

TUBING LANDING DETAILS

#	Size	Footage	Depth
1	Kelly Bushing	12.00	12.00
3	2-3/8" subs	17.75	29.75
135	JTS 2 3/8" Fiberline	4239.32	4269.07
1	O/F tool w/ profile (1.50")	1.43	4270.50
1	4 1/2" ArrowSet 1X NP pkr w/ P/O plug	6.96	4277.46

Pkr set @ 4277'

ZONES

Top	Top Depth, ft	Interval	Net
GB Marker	4,140		
GB Dol Top	4,260	50	
GB Dol Bott	4,310	30	
San Andres	4,340	160	60
LSA	4,500	220	160
O/W	4,720		
TOTAL		460	220
Gross / Net Ratio		47.8%	
Total perforated		29	13.2%

PBTD: 4782'
 TD: 4800'

C.O.A.

SEE CIBP + CMT +/- 50'
 OF TOP PERF. (4380')
 SET END OF LINER NO GREATER
 THAN 75' ABOVE T. PERF.
 THIS WILL ALLOW PACKER TO BE
 SET WITHIN 100' OF T. PERF.

CVU 70 WIW.xls

6/23/2014

IF PACKER IS SET
 GREATER THAN 100' ABOVE T. PERF
 SANTA FE APPROVAL REQUIRED PRIOR TO COMMENCING INJECTION.

> Recheck
 w/ Maxey

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

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

WELL API NO. 30-025-25726
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CENTRAL VACUUM UNIT
8. Well Number 70
9. OGRID Number 4323
10. Pool name or Wildcat VACUUM G/B SAN ANDRES

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 INJECTOR

2. Name of Operator
CHEVRON U.S.A INC.

3. Address of Operator
15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location
Unit Letter E : 2630 feet from the NORTH line and 1310 feet from the WEST line
Section 36 Township 17-S Range 34-E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4,006' (GL)

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☒	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER: MIT REPAIR		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

THIS WELL IS CURRENTLY SI FOR A MIT FAILURE. THIS WELL WAS RIGGED UP ON AND A CASING LEAK WAS DISCOVERED AND MULTIPLE ATTEMPTS TO SQUEEZE THE LEAK WERE UNSUCCESSFUL.

CVX WILL BE RIGGING UP ON THE WELL TO CEMENT IN A LINER FROM ~4,270' TO SURFACE. INJECTION EQUIPMENT WILL THEN BE RUN WITH THE PACKER AT ~4,260', THE WELL WILL BE MIT TESTED, & RTI.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, AND WELLBORE DIAGRAM.

DURING THIS PROCESS WE PLAN TO USE THE CLOSED LOOP SYSTEM WITH A STEEL TANK AND HAUL TO THE REQUIRED DISPOSAL, PER THE OCD RULE 19.15.17.

SEE 2 Conditions of Approval

**Condition of Approval: notify
OCD Hobbs office 24 hours**

prior of running MIT Test & Chart

Spud Date:

Rig Release Date:

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

SIGNATURE Denise Pinkerton TITLE REGULATORY SPECIALIST

DATE 08/08/2014

Type or print name DENISE PINKERTON

E-mail address: leakejd@chevron.com

PHONE: 432-687-7375

For State Use Only

APPROVED BY: Malay Brown TITLE Dist. Supervisor

DATE 8/11/2014

Conditions of Approval (if any):

AUG 11 2014