

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. 30-025-10312
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-3480
7. Lease Name or Unit Agreement Name RE COLE
8. Well Number: 3
9. OGRID Number
10. Pool name or Wildcat PENROSE SKELLY-GRAYBURG
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3390' RKB

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
Chevron USA INC

3. Address of Operator
6301 DEAUVILLE BLVD., MIDLAND, TX 79706

4. Well Location
Unit Letter M: 990 feet from the WEST line and 560 feet from the SOUTH line
Section 16 Township 22-S Range 37E NMPM County Lea

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

SUBSEQUENT REPORT OF:

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

OTHER: OTHER: TEMPORARILY ABANDON

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.

See attached procedure

4" diameter 4' tall Above Ground Marker

SEE ATTACHED CONDITIONS OF APPROVAL

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

SIGNATURE Hayes Thibodeaux TITLE Well Abandonment Engineer DATE 6/17/2021

Type or print name: Hayes Thibodeaux PHONE: 432 687 7786

For State Use Only

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 6/25/21

Conditions of Approval (if any):

WELL HEADER

Date:	02/04/2021
Well Name:	Well # 3 at Section 16 of the R. E. Cole lease
Objective:	P&A
P&A Job Level:	2
P&A Priority Level:	1
Current Well Status:	Shut-In
Failure Date:	3/1/20 (SI Date)
Well Class:	Injection Well
Area:	Central Area - Eunice FMT
Field:	Penrose Skelly Field
County / State:	Lea / New Mexico
API #:	30-025-10312
Chevno:	FB4778
Operator:	Chevron
Spud Date:	3/27/1957
Completion Date:	4/15/1957
Unusual Jewelry (CRA, fiber-line, etc.)	
H2S Concentration >100 PPM?	Yes
NORM Present in Area?	No
Governing Authority:	NMOCD
Sec – Twp – Rng:	560' FSL & 990' FWL Sec 16, T-22S, R-37E
Surface X / Y:	
Survey:	
Latitude & Longitude:	
GL / KB:	3390' DF

R E Cole #3 Section 16

Initial Completion

- 3/27/1957** Spud well.
- 4/15/1957** Complete well. Perf Grayburg FM f/ 3582-3642'. Ran 500 gals mud acid ahead of frac; fracure stimulate w/ 20,000 gals refined oil, 32,000# bulk sand and 1000# moth balls.
- 4/17/1957** 24-hour OPT @ 75 bopd.

Subsequent Work

- 4/23/1958** Perf f/ 3528-40', 3547-50' & 3553-61' w/ 4spf. Treat w/ 15,000 gals oil & 22,500# sand. Perf f/ 3480-92' & 3498-3508'. Treat w/ 2,000 acid . Frac w/ 15,000 gals oil & 15,000# sand.
- 5/1/1958** 24-hour OPT @ 49 bopd, 1 bwpd.
- 2/20/1973** Deepen w/ 4-3/4" bit to 3731'. Spot 200 gals 15% reg acid. Convert to water injection.
- 10/15/1990** Test casing holes @ 552'. Free point 5-1/2" csg @ 654' & back off. TOOH w/ bad csg. RIH w/ 6" sleeve & 650' 5-1/2" 15.5# csg. Cmt w/ 400sx cmt.

6/17/2021

RE cole #3
30-025-10312

Revision #: 1

Critical Well Notes

- Former producer converted to injection well
- Cut, pulled, and replaced 5-1/2" casing from 650' in 1990. Circulate 400 sacks cement to surface behind the new portion of casing string.
 - Will affect circulation to surface. Any failed bubble test will need to be addressed with suicide squeezes below this depth.

Procedure - Rig Only

- 1 Contact NMOCD at least 24 hrs prior to performing any work
- 2 MIRU pulling service rig
- 3 Check pressure on all casing strings. Verify no pressure and observe well for 15 minutes to verify no flow. Kill well with brine or mud as necessary.
 - 1 Bubble test all annuli for 30 minutes each and capture results in WellView under daily pressures tab.
 - 2 If having issues killing injection well, discuss plan with NMOCD to set CITP adjacent to packer and cut tubing above this depth, effectively forming mechanical barrier with packer + CITP
- 4 N/U stump-tested BOPE.
 - 1 5k 7-1/16" Class II BOP and pressure test 250 psi low and 1000 psi, MASP, or max anticipated pressure (whichever is larger) high for 5 min each.
- 5 TOH with tubing string
 - 1 If unable to release packer (limited details on make/model), discuss with NMOCD to cut tubing above packer. Set CITP adjacent to packer and cut above this depth to form a mechanical seal above perforations.
- 6 MIRU wireline and lubricator. Run gauge ring to planned set depth for CIBP at 3437'
- 7 POOH with gauge ring run. RIH with CIBP and set at 3437'. POOH with W/L.
- 8 TIH with pressure tested workstring and tag mechanical barrier
- 9 Pressure test CIBP, casing to 500 psi for 15 minutes
- 10 Proceed to pump cement per the cementing table below. Additional notes/considerations:
 - 1 Original TOC in production casing annulus = 2346' by calculation.
 - 2 Cement plug #3 is an additional plug designed as an additional seal between the Yates formation and surface. Attempt to inject - if unsuccessful test request variance to spot balanced plug across interval.
 - 3 Replacement casing from 650' was circulated to surface with 400 sacks in 1990. If failing a bubble test and unable to squeeze cement, discuss contingency option to conduct suicide squeezes to place sufficient cement in 5-1/2" annulus. Begin this discussion after perf/squeeze at 2250'.
- 11 Discuss with engineer any changes to proposed plan forward during execution

Summary Table	Plug		Volume	Perf & Squeeze	Notes
	Base	Top			
Formation 1	3437	3200	32	NO	
Formation 2	2599	2300	39	NO	
Formation 3	2250	2100	43	YES	
Formation 4	1203	1053	39	YES	
Formation 5	700	0	76	NO	
Total Sacks	229				
Total Perf & Squeeze					2
Total Spot					3

Well: R E Cole #3

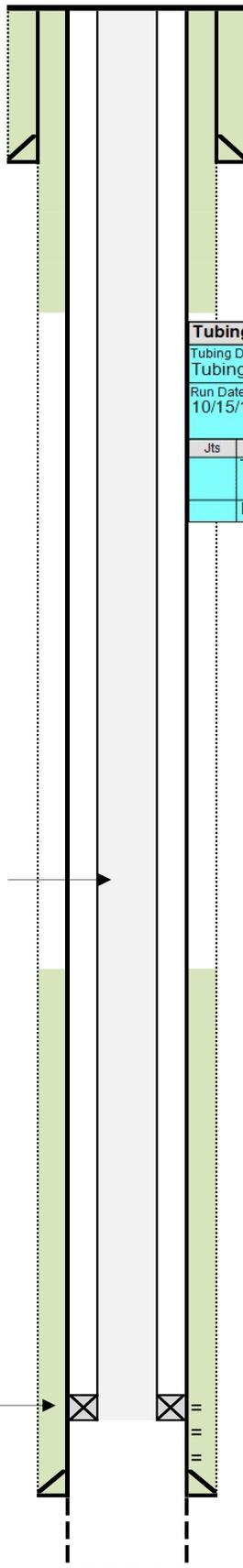
Reservoir: Grayburg

Location:
 560' FSL & 990' FWL
 Section: 16
 Township: 22S
 Range: 37E
 County: Lea State: NM

Elevations:
 GL:
 KB:
 DF: 3390'

Pull & replace 650' 5-1/2" csg
 Cmt w/ 400sx cmt (circ to surf)

Current Wellbore Diagram



Well ID Info:
 Chevno: FB4778
 API No: 30-025-10312
 Cost Cnt.: UCU497900
 Spud Date: 3/27/1957
 Compl. Date: 4/15/1957

Surf. Csg: 8-5/8" 24#
Set: @ 355' w/ 250sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

H2S Concentration >100 PPM? YES
NORM Present in Area? NO

Tubing Strings									
Tubing Description		Planned Run?		Set Depth (MD) (ftKB)		Set Depth (TVD) (ftKB)			
Tubing - Production		N		3,436.6					
Run Date		Run Job		Pull Date		Pull Job			
10/15/1990		Complete, 4/13/1957							
00:00									
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	B
	Tubing	2 3/8					3,422.8 0	10.8	
	Packer	2 3/8					3.00	3,433.6	

Initial Completion:
 3/27/57 Spud well.
 4/15/57 Complete well. Perf Grayburg FM f/ 3582-3642'. Ran 500 gals mud acid ahead of frac; fracure stimulate w/ 20,000 gals refined oil, 32,000# bulk sand and 1000# moth balls.
 4/17/57 24-hour OPT @ 75 bopd
Subsequent Work:
 4/23/58 Perf f/ 3528-40', 3547-50' & 3553-61' w/ 4spf. Treat w/ 15,000 gals oil & 22,500# sand. Perf f/ 3480-92' & 3498-3508'. Treat w/ 2,000 acid . Frac w/ 15,000 gals oil & 15,000# sand.
 5/1/58 24-hour OPT @ 49 bopd, 1 bwpd.
 2/20/73 Deepen w/ 4-3/4" bit to 3731'. Spot 200 gals 15% reg acid. Convert to water injection.
 10/15/90 Test casing holes @ 552'. Free point 5-1/2" csg @ 654' & back off. TOOH w/ bad csg. RIH w/ 6" sleeve & 650' 5-1/2" 15.5# csg. Cmt w/ 400sx cmt.

Queen/Grayburg Perfs
 new perfs from 1958:
 3480-92' & 3498-3508' and 3528-40', 3547-50' & 3553-61'
 original perfs from 1957:
 3582-88', 3598-3602', 3614-18', 3622-25', 3628-30', 3640-42'

Prod. Csg: 5-1/2" 14#
Set: @ 3660' w/ 250sks
Hole Size: 7-7/8"
Circ: No **TOC:** 2346'
TOC By: calculated

4-3/4" OH f/ 3660-3731'

Tbg: 2-3/8" set @ 3434'

TOC calc @ 2346'

Inj pkr @ 3437'

COTD:
PBTD:
TD: 3660' original
TD: 3731'

Well: R E Cole #3

Reservoir: Grayburg

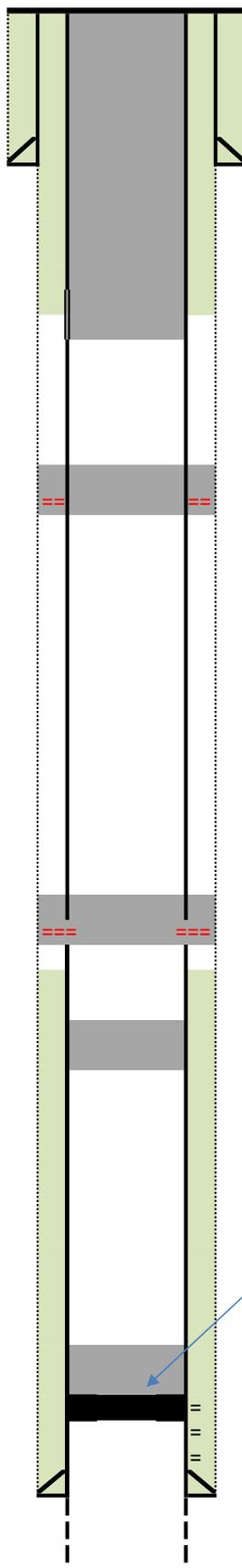
Location:
 560' FSL & 990' FWL
 Section: 16
 Township: 22S
 Range: 37E
 County: Lea State: NM

Elevations:
 GL:
 KB:
 DF: 3390'

Pull & replace 650' 5-1/2" csg
 Cmt w/ 400sx cmt (circ to surf)

COTD:
PBTD:
 TD: 3660' original
 TD: 3731'

Proposed Wellbore Diagram



Well ID Info:
 Chevno: FB4778
 API No: 30-025-10312
 Cost Cnt.: UCU497900
 Spud Date: 3/27/1957
 Compl. Date: 4/15/1957

Surf. Csg: 8-5/8" 24#
Set: @ 355' w/ 250sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

H2S Concentration >100 PPM?
YES
NORM Present in Area? NO

Isolate 8-5/8" shoe, FW
 Cmt from 700' to surface
 75 sacks Class C

Isolate salt top
 Perforate at 1203'
 Cmt from 1203' to 1053'
 40 sacks Class C

Tbg: 2-3/8" set @ 3434'

TOC calc @ 2346'

Attempt additional barrier between Yates & surface
 Perforate at 2250' and attempt to squeeze cement
 from 2250' to 2100'
 42 sacks Class C cement

Isolate Yates, salt bottom
 Cmt from 2599' to 2300'
 40 sacks Class C

Barrier #1: CIBP + cement
 CIBP at 3437' (packer depth)
 Cmt from 3437' to 3200'
 30 SACKS CLASS C
 Queen/Grayburg Perfs
 3480-92' & 3498-3508' and 3528-40', 3547-50' & 3553-61'
 3582-88', 3598-3602', 3614-18', 3622-25', 3628-30', 3640-42'

Prod. Csg: 5-1/2" 14#
Set: @ 3660' w/ 250sks
Hole Size: 7-7/8"
Circ: No **TOC:** 2346'
TOC By: calculated

4-3/4" OH f/ 3660-3731'

**CONDITIONS OF APPROVAL
FOR PLUGGING AND ABANDONMENT
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at **(575)-263-6633** at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

Company representative will be on location during plugging procedures.

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

DRY HOLE MARKER REQ.UIRMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least 1/4" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

WELL HEADER

Date:	02/04/2021
Well Name:	Well # 3 at Section 16 of the R. E. Cole lease
Objective:	P&A
P&A Job Level:	2
P&A Priority Level:	1
Current Well Status:	Shut-In
Failure Date:	3/1/20 (SI Date)
Well Class:	Injection Well
Area:	Central Area - Eunice FMT
Field:	Penrose Skelly Field
County / State:	Lea / New Mexico
API #:	30-025-10312
Chevno:	FB4778
Operator:	Chevron
Spud Date:	3/27/1957
Completion Date:	4/15/1957
Unusual Jewelry (CRA, fiber-line, etc.)	
H2S Concentration >100 PPM?	Yes
NORM Present in Area?	No
Governing Authority:	NMOCD
Sec – Twp – Rng:	560' FSL & 990' FWL Sec 16, T-22S, R-37E
Surface X / Y:	
Survey:	
Latitude & Longitude:	
GL / KB:	3390' DF

R E Cole #3 Section 16

Initial Completion

- 3/27/1957** Spud well.
- 4/15/1957** Complete well. Perf Grayburg FM f/ 3582-3642'. Ran 500 gals mud acid ahead of frac; fracure stimulate w/ 20,000 gals refined oil, 32,000# bulk sand and 1000# moth balls.
- 4/17/1957** 24-hour OPT @ 75 bopd.

Subsequent Work

- 4/23/1958** Perf f/ 3528-40', 3547-50' & 3553-61' w/ 4spf. Treat w/ 15,000 gals oil & 22,500# sand. Perf f/ 3480-92' & 3498-3508'. Treat w/ 2,000 acid . Frac w/ 15,000 gals oil & 15,000# sand.
- 5/1/1958** 24-hour OPT @ 49 bopd, 1 bwpd.
- 2/20/1973** Deepen w/ 4-3/4" bit to 3731'. Spot 200 gals 15% reg acid. Convert to water injection.
- 10/15/1990** Test casing holes @ 552'. Free point 5-1/2" csg @ 654' & back off. TOOH w/ bad csg. RIH w/ 6" sleeve & 650' 5-1/2" 15.5# csg. Cmt w/ 400sx cmt.

6/17/2021

RE cole #3
30-025-10312

Revision #: 1

Critical Well Notes

- Former producer converted to injection well
- Cut, pulled, and replaced 5-1/2" casing from 650' in 1990. Circulate 400 sacks cement to surface behind the new portion of casing string.
 - Will affect circulation to surface. Any failed bubble test will need to be addressed with suicide squeezes below this depth.

Procedure - Rig Only

- 1 Contact NMOCD at least 24 hrs prior to performing any work
- 2 MIRU pulling service rig
- 3 Check pressure on all casing strings. Verify no pressure and observe well for 15 minutes to verify no flow. Kill well with brine or mud as necessary.
 - 1 Bubble test all annuli for 30 minutes each and capture results in WellView under daily pressures tab.
 - 2 If having issues killing injection well, discuss plan with NMOCD to set CITP adjacent to packer and cut tubing above this depth, effectively forming mechanical barrier with packer + CITP
- 4 N/U stump-tested BOPE.
 - 1 5k 7-1/16" Class II BOP and pressure test 250 psi low and 1000 psi, MASP, or max anticipated pressure (whichever is larger) high for 5 min each.
- 5 TOH with tubing string
 - 1 If unable to release packer (limited details on make/model), discuss with NMOCD to cut tubing above packer. Set CITP adjacent to packer and cut above this depth to form a mechanical seal above perforations.
- 6 MIRU wireline and lubricator. Run gauge ring to planned set depth for CIBP at 3437'
- 7 POOH with gauge ring run. RIH with CIBP and set at 3437'. POOH with W/L.
- 8 TIH with pressure tested workstring and tag mechanical barrier
- 9 Pressure test CIBP, casing to 500 psi for 15 minutes
- 10 Proceed to pump cement per the cementing table below. Additional notes/considerations:
 - 1 Original TOC in production casing annulus = 2346' by calculation.
 - 2 Cement plug #3 is an additional plug designed as an additional seal between the Yates formation and surface. Attempt to inject - if unsuccessful test request variance to spot balanced plug across interval.
 - 3 Replacement casing from 650' was circulated to surface with 400 sacks in 1990. If failing a bubble test and unable to squeeze cement, discuss contingency option to conduct suicide squeezes to place sufficient cement in 5-1/2" annulus. Begin this discussion after perf/squeeze at 2250'.
- 11 Discuss with engineer any changes to proposed plan forward during execution

Summary Table	Plug		Volume	Perf & Squeeze	Notes
	Base	Top			
Formation 1	3437	3200	32	NO	
Formation 2	2599	2300	39	NO	
Formation 3	2250	2100	43	YES	
Formation 4	1203	1053	39	YES	
Formation 5	700	0	76	NO	
Total Sacks	229				
Total Perf & Squeeze					2
Total Spot					3

Well: R E Cole #3

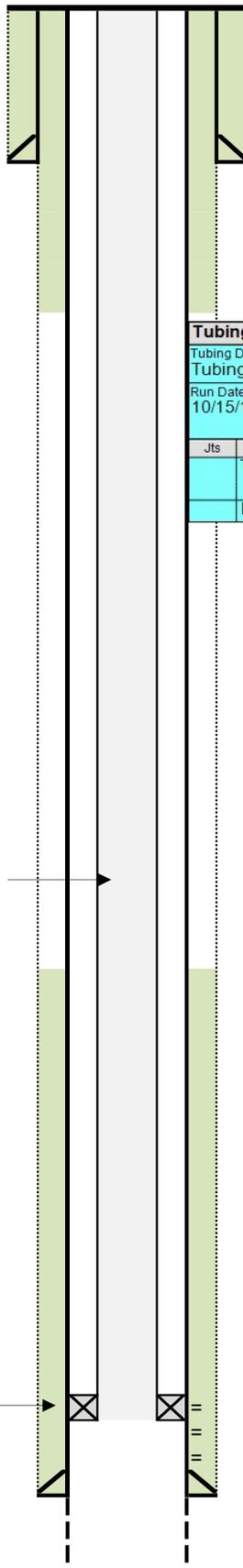
Reservoir: Grayburg

Location:
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 Section: 16
 Township: 22S
 Range: 37E
 County: Lea State: NM

Elevations:
 GL:
 KB:
 DF: 3390'

Pull & replace 650' 5-1/2" csg
 Cmt w/ 400sx cmt (circ to surf)

Current Wellbore Diagram



Well ID Info:
 Chevno: FB4778
 API No: 30-025-10312
 Cost Cnt.: UCU497900
 Spud Date: 3/27/1957
 Compl. Date: 4/15/1957

Surf. Csg: 8-5/8" 24#
Set: @ 355' w/ 250sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

H2S Concentration >100 PPM? YES
NORM Present in Area? NO

Tubing Strings									
Tubing Description		Planned Run?		Set Depth (MD) (ftKB)		Set Depth (TVD) (ftKB)			
Tubing - Production		N		3,436.6					
Run Date 10/15/1990		Run Job Complete, 4/13/1957 00:00		Pull Date		Pull Job			
Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	B
	Tubing	2 3/8					3,422.8 0	10.8	
	Packer	2 3/8					3.00	3,433.6	

Initial Completion:
 3/27/57 Spud well.
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Subsequent Work:
 4/23/58 Perf f/ 3528-40', 3547-50' & 3553-61' w/ 4spf. Treat w/ 15,000 gals oil & 22,500# sand. Perf f/ 3480-92' & 3498-3508'. Treat w/ 2,000 acid . Frac w/ 15,000 gals oil & 15,000# sand.
 5/1/58 24-hour OPT @ 49 bopd, 1 bwpd.
 2/20/73 Deepen w/ 4-3/4" bit to 3731'. Spot 200 gals 15% reg acid. Convert to water injection.
 10/15/90 Test casing holes @ 552'. Free point 5-1/2" csg @ 654' & back off. TOOH w/ bad csg. RIH w/ 6" sleeve & 650' 5-1/2" 15.5# csg. Cmt w/ 400sx cmt.

Queen/Grayburg Perfs
 new perfs from 1958:
 3480-92' & 3498-3508' and 3528-40', 3547-50' & 3553-61'
 original perfs from 1957:
 3582-88', 3598-3602', 3614-18', 3622-25', 3628-30', 3640-42'

Prod. Csg: 5-1/2" 14#
Set: @ 3660' w/ 250sks
Hole Size: 7-7/8"
Circ: No **TOC:** 2346'
TOC By: calculated

4-3/4" OH f/ 3660-3731'

COTD:
PBTD:
TD: 3660' original
TD: 3731'

Well: R E Cole #3

Reservoir: Grayburg

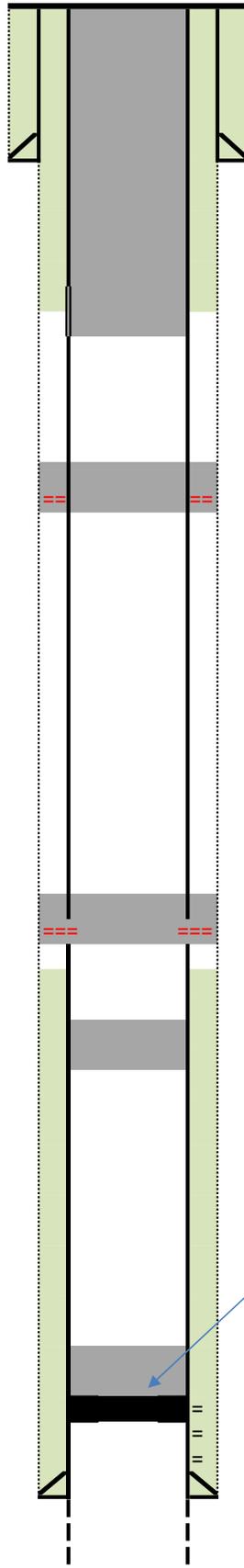
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 560' FSL & 990' FWL
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 Township: 22S
 Range: 37E
 County: Lea State: NM

Elevations:
 GL:
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 DF: 3390'

Pull & replace 650' 5-1/2" csg
 Cmt w/ 400sx cmt (circ to surf)

COTD:
PBTD:
 TD: 3660' original
 TD: 3731'

Proposed Wellbore Diagram



Well ID Info:
 Chevno: FB4778
 API No: 30-025-10312
 Cost Cnt.: UCU497900
 Spud Date: 3/27/1957
 Compl. Date: 4/15/1957

Surf. Csg: 8-5/8" 24#
Set: @ 355' w/ 250sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

H2S Concentration >100 PPM?
YES
NORM Present in Area? NO

Isolate 8-5/8" shoe, FW
 Cmt from 700' to surface
 75 sacks Class C

Isolate salt top
 Perforate at 1203'
 Cmt from 1203' to 1053'
 40 sacks Class C

Tbg: 2-3/8" set @ 3434'

TOC calc @ 2346'

Attempt additional barrier between Yates & surface
 Perforate at 2250' and attempt to squeeze cement
 from 2250' to 2100'
 42 sacks Class C cement

Isolate Yates, salt bottom
 Cmt from 2599' to 2300'
 40 sacks Class C

Barrier #1: CIBP + cement
 CIBP at 3437' (packer depth)
 Cmt from 3437' to 3200'
 30 SACKS CLASS C
 Queen/Grayburg Perfs
 3480-92' & 3498-3508' and 3528-40', 3547-50' & 3553-61'
 3582-88', 3598-3602', 3614-18', 3622-25', 3628-30', 3640-42'

Prod. Csg: 5-1/2" 14#
Set: @ 3660' w/ 250sks
Hole Size: 7-7/8"
Circ: No **TOC:** 2346'
TOC By: calculated

4-3/4" OH f/ 3660-3731'

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS
 Action 32564

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 32564
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kfortner	See attached conditions of approval	6/25/2021