

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 July 18, 2013

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

WELL API NO. 30-015-31293
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7116, E-949, B-2071, 647
7. Lease Name or Unit Agreement Name Geronimo 34 State Com
8. Well Number 1Y
9. OGRID Number 246289
10. Pool name or Wildcat Travis; Upper Penn. North

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator RKI Exploration and Production	
3. Address of Operator 210 Park Ave., Suite 900 Oklahoma City, OK 73102	
4. Well Location Unit Letter E : 1,700 feet from the NORTH line and 1,038 feet from the WEST line Section 34 Township 17 S Range 28 E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,673' GL	

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

NOTICE OF INTENTION TO:

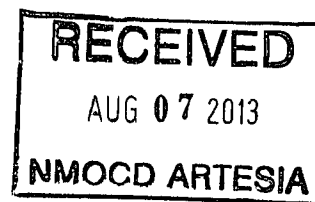
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☒
OTHER: ☐

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.

SEE ATTACHMENTS:
P & A PROPOSAL SUMMARY
P & A PROCEDURE
WELLBORE SCHEMATIC



Spud Date:

7-25-2000

Rig Release Date:

8-20-2000

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

SIGNATURE Jody Noerdlinger TITLE REGULATORY ANALYST DATE 8/7/2013

Type or print name JODY NOERDLINGER E-mail address: JNOERDLINGER@RKIXP.COM PHONE: 405-996-5774

For State Use Only
APPROVED BY: [Signature] TITLE District Supervisor DATE 8/7/13
Conditions of Approval (if any):

RKI Exploration & Production, LLC

Geronimo 34 State Com 1Y

Plugging & Abandonment Procedure

Section 34 T17S R28E
Eddy County, New Mexico
API # 30-015-31293

Prepared By: Jaime McAlpine, P.E.
Email: jmc Alpine@rkixp.com

Spud Date: 7/20/2000
Comp Date: 9/21/03

Producing Formation: Cisco 8,370'-8,390' OA

KB Elev: 3,696'
GL Elev: 3,673'
TD: 10,600' PBTD: 10,150'

TUBULAR SUMMARY:

Surface: 13 3/8" 48# K-55 8rd STC: 0-451' - TOC @ surface
Intermediate: 9 5/8" 36# STC: 0' - 2,666' - TOC at surface
Production: 5 1/2" 17# N-80/P-100: 0' - 10,591' - TOC @ 2,304' per CBL
Tubing: None

OBJECTIVE: Plug and abandon per Federal BLM requirements.

RKI REQUIRES THAT HARD HATS, STEEL TOE BOOTS, FIRE RETARDANT CLOTHING, AND SAFETY GLASSES BE WORN ON LOCATION

HOLD SAFETY MEETING PRIOR TO COMMENCING DAILY OPERATIONS

NO IGNITION SOURCES WITHIN 100 FT OF THE WELLHEAD, TANKS OR MANIFOLD.

PROCEDURE:

AR Dade Aug 2, 2013

- 1) Test safety anchors.
- 2) MI RU Service Unit.
- 3) ND flange/tubinghead. NU BOP.
- 4) MI RU wireline. RIH w/ JB/GR to 8,370'. RIH and set CIBP @ 8,350'. Dump bail 10' cmt on plug. *35' or 25sxs LRD*
- 5) Deliver, unload and tally 8,350' 2 3/8" 4.7# J-55 EUE work string. TIH w/ tubing to 8,325'.
- 6) MI RU pump truck. Load hole with 2% KCL water. Pressure test plug to 1,000 psi. Circulate hole w/ 175 bbls. mud.
- 7) TOH w/ tubing. LD 6,000' tubing.
- 8) RIH w/ JB/GR to 6,850'. RIH and set CIBP @ 6,800'. Dump bail 10' cmt on plug. RIH w/ JB/GR to 4,050'. RIH and set CIBP @ 4,000'. Dump bail 10' cmt on plug. RIH w/ JB/GR to 2,500'. RIH and set CIBP @ 2,450'. Dump bail 10' cmt on plug. *35' or 25sxs LRD*
- 9) Weld lift sub on casing. Pull free point on 5-1/2" casing. RIH and cut-off 5-1/2" @ est 2,275'. RD MO wireline.
- 10) TOH and LD 5-1/2" casing.
- 11) TIH w/ tubing to 2,400'.

★ SEE ATTACHED COA'S

35' or 25sxs LRD

35' or 25sxs LRD

CONDITIONS OF APPROVAL ATTACHED

Aug 2, 2014

- 12) Pump 40 sx Class C, 16.4 ppg/4.3 gps and flush w/ 9 bbls. mud. SI well. WOCT. RIH and tag cmt plug.
- 13) POH w/ 10 jts. tubing. SI well. WOCT. RIH and tag cmt. plug.
- 14) POH w/ tubing to 500'. LD tubing.
- 15) Pump 40 sx Class C, 16.4 ppg/4.3 gps and flush w/ 1.5 bbls. mud. TOH w/ tubing. SI well. WOCT. RIH and tag cmt plug.
- 16) POH w/ tubing to 100'. LD tubing.
- 17) Pump 40 sx Class C, 16.4 ppg/4.3 gps. LD tubing. RD MO cementers. RD MO service unit.
- 18) Cut off casing 3' below ground level. WO cap with operator, well name/number and date. Remove all equipment, pull safety anchors and clean up surface location.

RKI Contact List:

RKI	Title	Office	Cell
Brent Umberham	Manager-Drlg & Prod Ops	405-996-5748	405-623-5080
Ken Fairchild	Production Manager	405-996-5764	469-693-6051
Paul Munding	Production Engineer	405-987-2140	405-820-2825
Jaime McAlpine	Engineering Consultant	405-996-5741	405-850-6685

Emergency Contacts – New Mexico:

Hospital:	Carlsbad Medical Center 2430 W. Pierce St., Carlsbad, NM 88220	(575) 887-4100
Sheriff's Office:	Lea County Sheriff Dept Eddy County Sheriff Dept	(575) 396-3611 (575) 887-7551

Emergency Contacts – Texas:

Hospital:	Reeves County Hospital 2323 Texas St, Pecos TX 79772	(432) 447-3551
Sheriff's Office:	Reeves County Sheriff Dept Loving County Sheriff Dept	(432) 445-4901 (432) 377-2411

RKI Exploration and Production, LLC

Geronimo 34 State Com 1Y

Section 34 T17S 28E

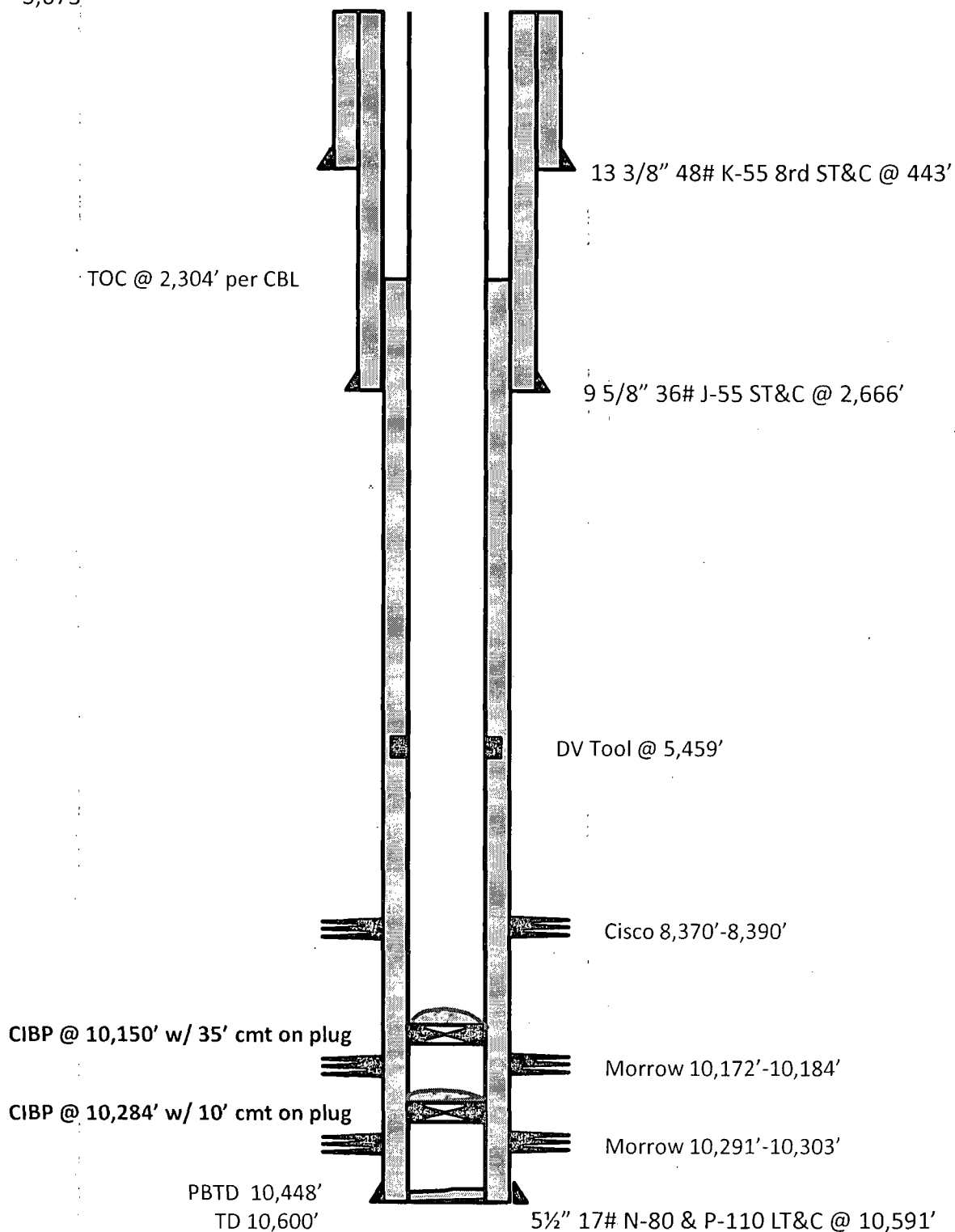
Eddy County, New Mexico

API No. 30-015-31293

KB - 3,696'

GL - 3,673'

7/9/13; JLM



RKI Exploration and Production, LLC

Geronimo 34 State Com 1Y

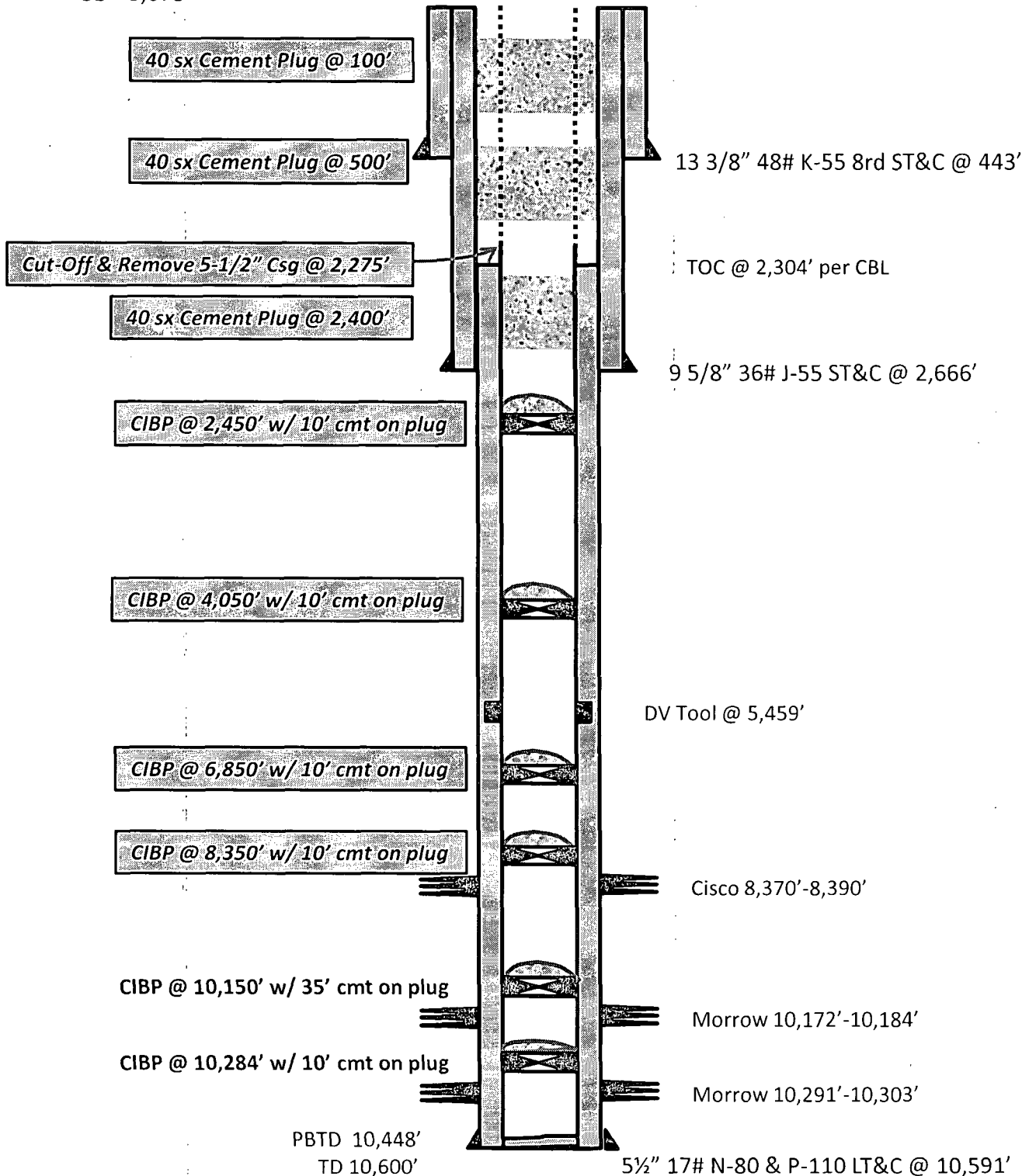
Section 34 T17S 28E
Eddy County, New Mexico
API No. 30-015-31293

PROPOSED

KB - 3,696'

GL - 3,673'

7/31/13; JLM



NEW MEXICO OIL CONSERVATION DIVISION
DISTRICT 2 OFFICE
811 S. FIRST STREET
ARTESIA, NM 88210
(575)748-1283

CONDITIONS OF APPROVAL FOR PLUGGING & ABANDONMENT

Operator: RKI Exploration & Production

Well Name & Number: Geronimo 34 5th Com 14

API #: 30 - 015 - 31293

1. Produced water **will not** be used during any part of the plugging & abandonment operation.
2. Notify NMOCD Dist. 2 office at least 24 hrs before beginning work.
3. Closed Loop System is to be used for entire plugging operation. Upon completion, contents of steel pit are to be hauled to a permitted disposal location.
4. 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 place prior to performing work. Drivers shall produce a copy upon request of NMOCD Field Inspectors.
5. A subsequent C-103 will serve as notification that the well bore has been plugged ONLY. A C-103 FINAL shall be filed before any bonding can be released on the well. Upon receipt of the Final, an inspection will be performed to verify that the location has been satisfactorily cleaned to NMOCD standards.
6. If work has not begun within 90 days of the approval of this procedure, an extension request must be filed, stating reason that well has not been plugged.
7. Every attempt must be made to clean the well bore out to below the perfs, before any plugs can be set, by whatever means possible.
8. Cement Retainers may not be used.

9. Squeeze pressures are not to exceed 500 PSI, unless approval is given by NMOCD.
10. Plugs may be combined after consulting with and getting approval from NMOCD.
11. Minimum WOC time for tag plugs will be 4 Hrs.

DATE: Aug 2, 2013

APPROVED BY: 

GUIDELINES FOR PLUGGING AND ABANDONMENT

DISTRICT II / ARTESIA

- All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sacks of gel per 100 bbls of water.
- A cement plug is required to be set 50' below and 50' above all casing shoes and casing stub plugs. These plugs must be tagged.
- • A CIBP with 35' of cement on top may be set in lieu of 100' cement plug.
- A plug as indicated above must be placed within 100' of top perforation. This plug must be tagged.
- Plugs set below and above salt zones must be tagged.
- No more than 2000' is to be allowed between cement plugs in open hole and no more than 3000' in cased hole.
- DV tools are required to have a 100' cement plug set 50' above and below the tool and must be tagged.
- Formations to be isolated with plugs placed at the top of each formation are:
 - Fusselman
 - Devonian
 - Morrow
 - Wolfcamp
 - Bone Spring
 - Delaware
 - Any Salt Section (Plug at top and bottom)
 - Abo
 - Glorieta
 - Yates (this plug is usually at base of salt section)
- If cement does not exist behind casing strings at recommended formation depths, the casing must be cut and pulled with plugs set at these depths or casing must be perforated and cement squeezed behind casing at the formation depths.
- 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 common to the section penetrated and in suitable proportions, but not more than a 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible (50' below and 50' above).