

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-005-61962
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation		6. State Oil & Gas Lease No.
3. Address of Operator 105 South Fourth Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Spool SU Com
4. Well Location Unit Letter <u>C</u> : <u>660</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>27</u> Township <u>7S</u> Range <u>25E</u> NMPM Chaves County		8. Well Number 5
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3670' GR		9. OGRID Number 025575
		10. Pool name or Wildcat Pecos Slope; Abo

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

<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
DOWNHOLE COMMINGLE <input type="checkbox"/>	P AND A <input type="checkbox"/>
CLOSED-LOOP SYSTEM <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: <input type="checkbox"/>

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.

Yates Petroleum Corporation plans to plug and abandon this well as follows:

1. MIRU all safety equipment as needed. TOH with production equipment.
2. Set a CIBP at 3621' with 55' Class "C" cement on top. This will cover the top of the Abo.
3. Perforate at 1505'. Spot a 45 sx Class "C" cement plug from 1340'-1505'. This will cover the top of the Glorieta and the 8-5/8" casing shoe. WOC. RIH and tag TOC.
4. Perforate at 950'. Spot a 30 sx Class "C" cement plug from 850'-950'. This will cover the 10-3/4" casing shoe. WOC. RIH and tag TOC.
5. Perforate at 452'. Spot a 30 sx Class "C" cement plug from 352'-452'. This will cover the top of the San Andres.
6. Perforate at 60'. Circulate 20 sx Class "C" cement from 60' up to surface.
7. Cut off wellhead, install dry hole marker and clean location.

NM OIL CONSERVATION  
ARTESIA DISTRICT

Wellbore schematics attached

MAR 04 2016

Spud Date:  Rig Release Date:  RECEIVED

WELL MUST BE PLUGGED BY 3-11-2017

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

SIGNATURE Tina Huerta TITLE Regulatory Reporting Supervisor DATE March 1, 2016

Type or print name Tina Huerta E-mail address: tinah@yatespetroleum.com PHONE: 575-748-4168

For State Use Only

APPROVED BY: Robert 2 Byrd TITLE COMPLIANCE OFFICER DATE 3/11/2016  
Conditions of Approval (if any): 575-626-0836

WELL NAME: Spool SU Com #5 FIELD: \_\_\_\_\_

LOCATION: 660' FNL & 1,980' FWL Sec. 27-7S-25E Chaves Co., NM

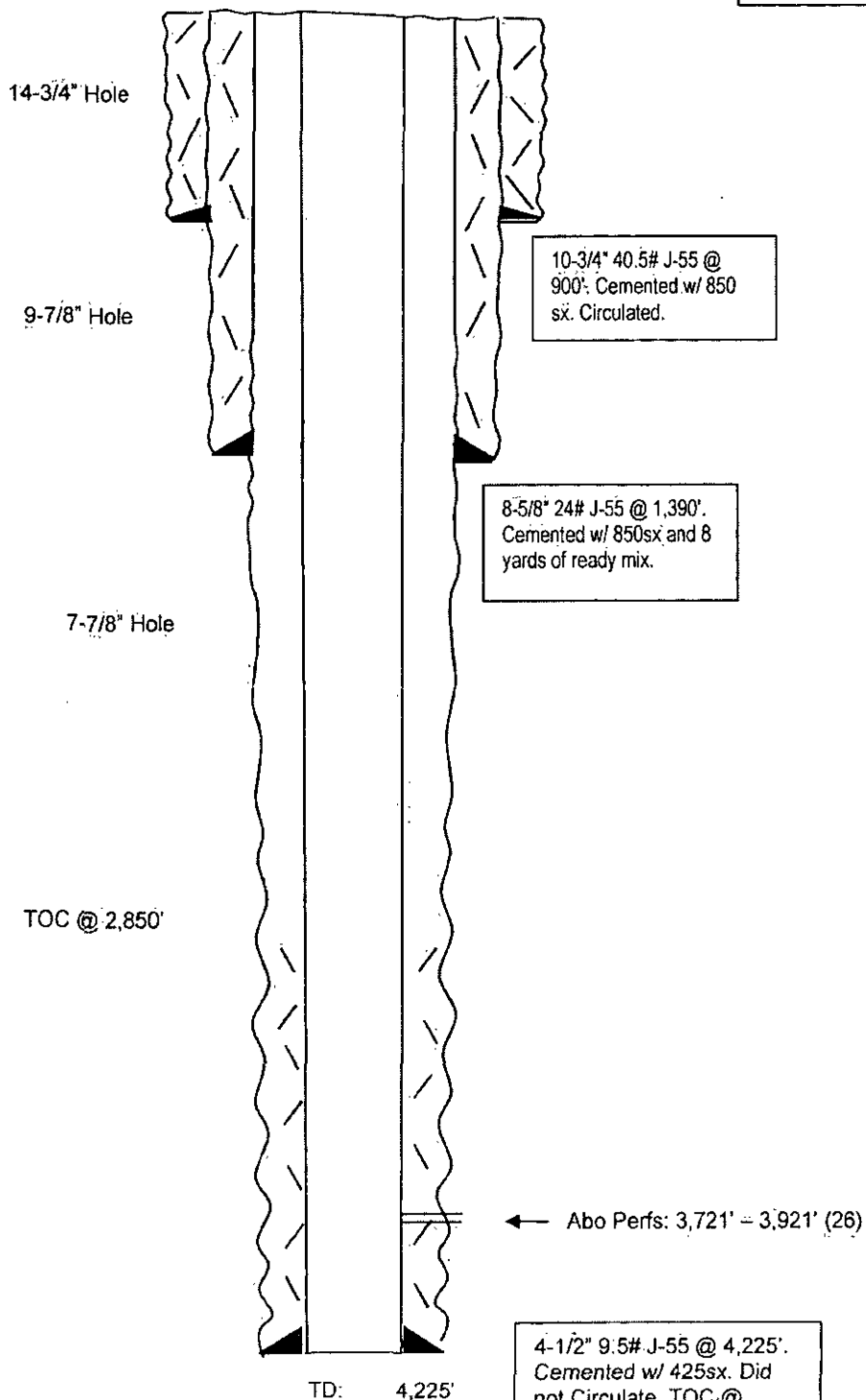
GL: 3,670.4' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_

SPUD DATE: 04/25/1983 COMPLETION DATE: 06/03/1983

COMMENTS: API No.: 30-005-61962

**CASING PROGRAM**

10-3/4" 40.5# J-55	900'
8-5/8" 24# J-55	1,390'
4-1/2" 9.5# J-55	4,225'



**Before**

**TOPS**

San Andres	402'
Glorieta	1,455'
Abo	3,566'

4-1/2" 9.5# J-55 @ 4,225'.  
Cemented w/ 425sx. Did  
not Circulate. TOC @  
2,850' from CBL.

Not to Scale  
10/02/2015  
SAA

WELL NAME: Spool SU Com #5 FIELD:

LOCATION: 660' FNL & 1,980' FWL Sec. 27- 7S- 25E Chaves Co., NM

GL: 3,670.4' ZERO: KB:

SPUD DATE: 04/25/1983 COMPLETION DATE: 06/03/1983

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### CASING PROGRAM

10-3/4" 40.5# J-55	900'
8-5/8" 24# J-55	1,390'
4-1/2" 9.5# J-55	4,225'

Perfs @ 60'. 20 sx class "C" cement plug circulated from 0'-60'.

Perfs @ 452'. 100' (30sx) class "C" cement plug from 352'-452'. This will cover the top of the San Andres.

Perfs @ 950'. 100' (30sx) class "C" cement plug from 850'-950' covering the 10-3/4" casing shoe.

Perfs @ 1,505'. 165' (45sx) class "C" cement plug from 1,340' - 1,505'. This will cover the top of the Glorieta and the 8-5/8" casing shoe.

CIBP @ 3,621' w/ 55' of class "C" cement on top. This will cover the top of the Abo.

14-3/4" Hole

10-3/4" 40.5# J-55 @ 900'. Cemented w/ 850 sx. Circulated.

9-7/8" Hole

8-5/8" 24# J-55 @ 1,390'. Cemented w/ 850sx and 8 yards of ready mix.

7-7/8" Hole

ALL PERFORATIONS BELOW 60'  
ATTEMPT TO SQUEEZE  
RLA

TOC @ 2,850'

Abo Perfs: 3,721' - 3,921' (26)

TD: 4,225'

4-1/2" 9.5# J-55 @ 4,225'. Cemented w/ 425sx. Did not Circulate. TOC @ 2,850' from CBL.

**After**

### TOPS

San Andres	402'
Glorieta	1,455'
Abo	3,566'

Not to Scale  
10/02/2015  
SAA

**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:** \_\_\_\_\_  
**Well Name & Number:** \_\_\_\_\_  
**API #:** \_\_\_\_\_

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 perms, 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.**
12. **19.15.7.16 : B.** In the case of a dry hole, a complete record of the well on form C-105 with the attachments listed in Subsection A of 19.15.7.16 NMAC shall accompany the notice of intention to plug the well, unless previously filed. The division shall not approve the plugging report or release the bond the operator has complied with 19.15.7.16 NMAC.

**DATE:**

**APPROVED BY:**

### N.M.O.C.D.- Guidelines For Plugging

- All cement plugs will be a minimum of 100' in length, or a minimum of 25sx. Of cement, whichever is greater.
- Mud laden fluids must be placed between all cement plugs.
- Mud laden fluids must be mixed at 25 sx. 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 stubs. **These plugs must be tagged.**
- A CIBP with 35' of cement on-top, may be set instead of 100' plug.
- A plug as indicated above, must be placed within 100' of top perforation. **This plug must be tagged.**
- Plugs set above and below all salt zones, **must be tagged.**
- No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
- D.V. tools are required to have a 100' cement plug set 50' above, and 50' below the tool. **This plug must be tagged.**

Formations to be isolated with plugs placed at the top of each formation are:

- Fusselman
- Devonian
- Morrow
- Wolfcamp
- Bone Springs
- Delaware
- Any salt section (plug at top and bottom)
- Abo
- Glorietta
- 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 squeezed behind casing at the formation depths.

In the R-111P 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.