

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. 30-005-60991
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Blanco
8. Well Number 1
9. OGRID Number 025575
10. Pool name or Wildcat Pecos Slope; Abo

**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  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street, Artesia, NM 88210

4. Well Location  
 Unit Letter J : 1980 feet from the South line and 1980 feet from the East line  
 Section 12 Township 7S Range 25E NMPM Chaves County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3701'GR

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"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <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:

- MIRU all safety equipment as needed. TOH with production equipment.
- Set a CIBP at 3700'. Dump 25 sx Class "C" cement. This will cover the top of Abo. — WOC & TAG
- Spot a 30 sx Class "C" cement plug from 1389'-1800'. This will cover the 8-5/8" casing shoe and top of the Glorieta. WOC. **2998 SPOT 25SKS COVERING TUBB FORM**
- Tag TOC 1389'. **PERF @ 1750 & ATTEMPT SQ ON 8" SHOES - WOC & TAG**
- Perforate at 873'.
- RIH with a packer and set at a safe distance above plug location. Attempt to establish circulation. If circulation cannot be established skip step 7 and go to step 8. **SQUEEZE - WOC & TAG**
- Pump a 175 sx Class "C" cement plug circulation cement from 873' to surface between the inside of the 8-5/8" and outside 4-1/2" casing and a plug from 773'-873' inside the 4-1/2" casing. This will cover the 13-3/8" casing shoe.
- Spot a 25 sx Class "C" cement plug from 773'-873'. This will cover the 13-3/8" casing shoe.
- RIH and tag TOC at 773'. PU to 100' and spot a 10 sx Class "C" cement plug from 100' up to surface. This will cover the surface.
- Cut off wellhead, install dry hole marker and clean location.

Wellbore schematics attached

Spud Date:

Rig Release Date:

Approved for plugging of well bore only.  
 Liability under bond is retained pending receipt of C-103 (Subsequent Report of Operations) which may be found at OGD Web Page under Forms, www.emnrd.state.nm.us/ocd.  
**ARTESIA DISTRICT**  
**SEP 01 2016**

**WELL MUST BE PLUGGED BY 9/16/2017**

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

**RECEIVED**

SIGNATURE Tina Huerta TITLE Regulatory Reporting Supervisor DATE August 29, 2016

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

**For State Use Only**

APPROVED BY: [Signature] TITLE COMPLIANCE OFFICER DATE 9/16/2016

Conditions of Approval (if any): **SEE ATTACHED COA-5**

WELL NAME: Blanco.#1 FIELD: \_\_\_\_\_

LOCATION: 1980' FSL & 1980' FEL Sec. 12- 7S- 25E Chaves Co., NM

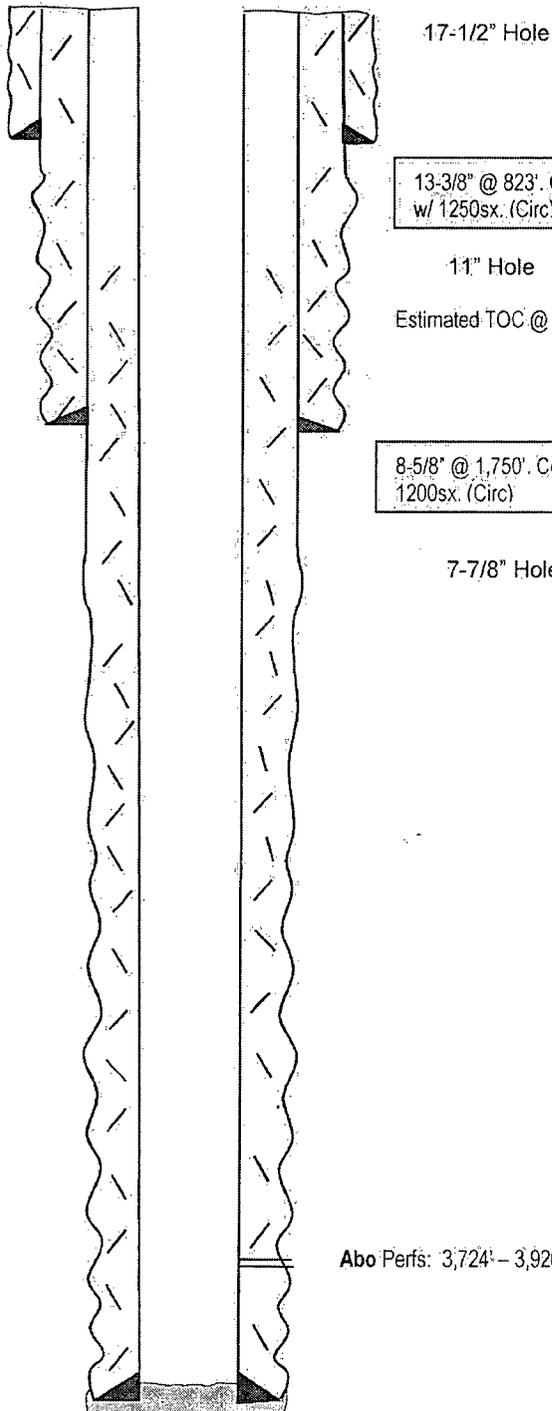
GL: 3,701.6' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_

SPUD DATE: 10/6/1981 COMPLETION DATE: 11/9/1981

COMMENTS: API No.: 30-005-60991

CASING PROGRAM

13-3/8" 48# H-40	823'
8-5/8" 24# K-55	1,750'
4-1/2" 10.5# K-55	4,124'



**Before**

TOPS	
San Andres	486'
Glorieta	1439'
Tubb	2998'
Abo	3660'

TD: 4,124'  
PBD: 4,084'

4-1/2" @ 4,124' cemented w/ 950sx. Did not circulate.

Not to Scale  
8/12/2016  
SAA

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**CASING PROGRAM**

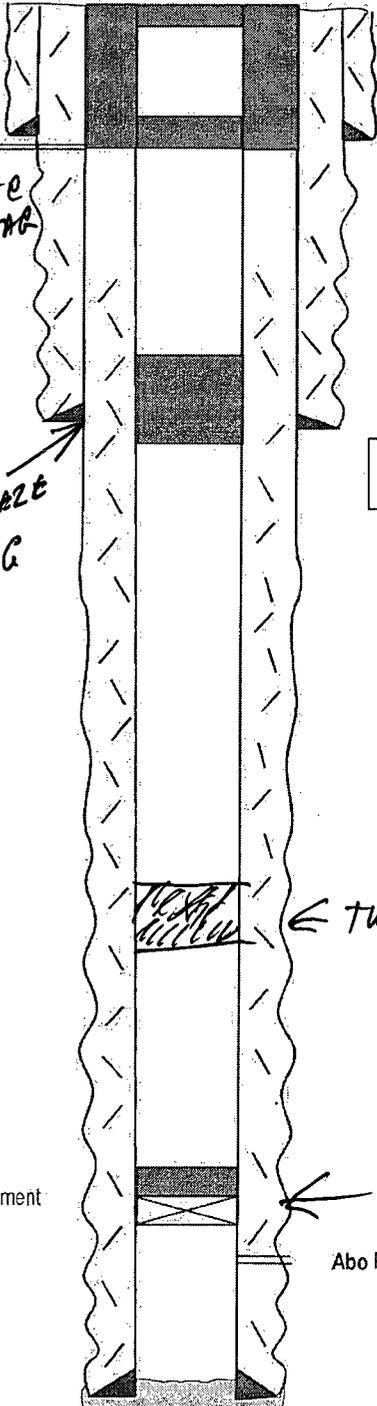
13-3/8" 48# H-40	823'
8-5/8" 24# K-55	1,750'
4-1/2" 10.5# K-55	4,124'

Surface plug (10sx) from 100' to surface.

Perfs @ 873' w/ 175sx of cement covering the 13-3/8" casing shoe and the inside of the 8-5/8" and outside of 4-1/2" casing from 873' to surface.

411' (30sx) plug from 1389'-1800' covering the 8-5/8" casing shoe and Glorieta.

CIBP @ 3,700' w/ 25sx of cement on top covering the Abo.



17-1/2" Hole

13-3/8" @ 823' Cemented w/ 1250sx. (Circ)

11" Hole:  
Estimated TOC @ 1,290'

8-5/8" @ 1,750' Cemented w/ 1200sx. (Circ)

7-7/8" Hole

Abo Perfs: 3,724' - 3,926' (18)

4-1/2" @ 4,124' cemented w/ 950sx. Did not circulate:

TD: 4,124'  
PBTD: 4,084'

**After**

**TOPS**

San Andres	486'
Glorieta	1439'
Tubb	2998'
Abo	3660'

Not to Scale  
8/12/2016  
SAA

## CONDITIONS FOR PLUGGING AND ABANDONMENT

### District II / Artesia N.M.

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 II at (575)-748-1283 at least 24 hours before beginning work.**

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.
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. **Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.**
7. Produced water **will not** be used during any part of the plugging operation.
8. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
9. 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.
10. **Class 'C' cement will be used above 7500 feet.**
11. **Class 'H' cement will be used below 7500 feet.**
12. **A cement plug is required to be set 50' above and 50' below, all casing shoes, 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 - CASING SHOES MUST BE PERFORATED & ATTEMPTED TO SQUEEZE - WOC & TAG**
13. 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
14. **A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.**
15. 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).**
16. **No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.**

17. Formations to be isolated with cement plugs are:

- 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, **WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.**

18. **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, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing**

#### **DRY HOLE MARKER REQUIRMENTS**

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 ¼" 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 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)