

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
NM OIL CONSERVATION
ARTESIA DISTRICT
OIL CONSERVATION DIVISION
1200 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

RECEIVED

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.)		WELL API NO. 30-015-27040
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Yates Petroleum Corporation		6. State Oil & Gas Lease No. E-2781
3. Address of Operator 105 South Fourth Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name State CO Com
4. Well Location Unit Letter <u>C</u> : <u>916</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>36</u> Township <u>19S</u> Range <u>24E</u> NMPM <u>Eddy</u> County		8. Well Number 8
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3606' GR		9. OGRID Number 025575
		10. Pool name or Wildcat N. Dagger Draw Upper Penn

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.

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

1. NU BOP. RU all safety equipment as needed. No casing recovery will be attempted. TOH with production equipment.
2. Set a CIBP at 7643' and cap it with 25 sx Class "H" cement.
3. Spot a 35 sx Class "H" cement plug from 7069'-7249'. This will place a plug across stage tool. WOC and tag, reset plug if necessary.
4. Spot a 35 sx Class "H" cement plug from 7435'-7615'. This will place a plug across squeeze perms. WOC and tag, reset plug if necessary.
5. Perf 4 squeeze holes at 5290'. Attempt to establish circulation up 7" x 9-5/8" annulus without exceeding 500 psi. If circulation cannot be established set a 180' plug from 5110'-5290'. If circulation is established set a 75 sx or a 180' plug inside and outside 7" casing. This will place a plug across Wolfcamp top. WOC and tag, reset plug if necessary.
6. Perf 4 squeeze holes at 3810'. Attempt to establish circulation up 7" x 9-5/8" annulus without exceeding 500 psi. If circulation cannot be established set a 180' plug from 3630'-3810'. If circulation is established set a 75 sx or a 180' plug inside and outside 7" casing. This will place a plug across Bone Spring top. WOC and tag, reset plug if necessary.
7. Perf 4 squeeze holes at 2025'. Attempt to establish circulation up 7" x 9-5/8" annulus without exceeding 500 psi. If circulation cannot be established set a 180' plug from 1845'-2025'. If circulation is established set a 75 sx or a 180' plug inside and outside 7" casing. This will place a plug across Glorieta top. WOC and tag, reset plug if necessary.
8. Perf 4 squeeze holes at 1217'. Attempt to establish circulation up 7" x 9-5/8" annulus without exceeding 500 psi. If circulation cannot be established set a 180' plug from 1037'-1217'. If circulation is established set a 75 sx or a 180' plug inside and outside 7" casing. This will place a plug across casing shoe. WOC and tag, reset plug if necessary.
9. Perf 4 squeeze holes at 150'. Attempt to establish circulation up 7" x 9-5/8" annulus without exceeding 500 psi. If circulation cannot be established set a 150' plug from 0-150'. If circulation is established set a 60 sx or a 150' plug inside and outside 7" casing. This will form the surface plug. WOC and tag, reset plug if necessary.
10. Remove all surface equipment and weld dry hole marker per regulations. (Wellbore schematics attached)

Approved for plugging of well bore only.
Liability under bond is retained pending receipt of C-103 (Subsequent Report of Well Plugging) which may be found at OCD Web Page under www.spmrd.state.nm.us/oecd.

Spud Date:

Rig Release Date:

Approval Granted providing work is Completed by

Nov 21, 2015

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 November 17, 2014

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

For State Use Only

APPROVED BY: R. Dade TITLE Dist II Supervisor DATE Nov 21, 2014

Conditions of Approval (if any):

* See Attached COAs

WELL NAME: State CO Com # 8 FIELD: Dagger Draw North

LOCATION: 916' FNL & 1,980' FWL of Section 36-19S-24E Eddy Co., NM

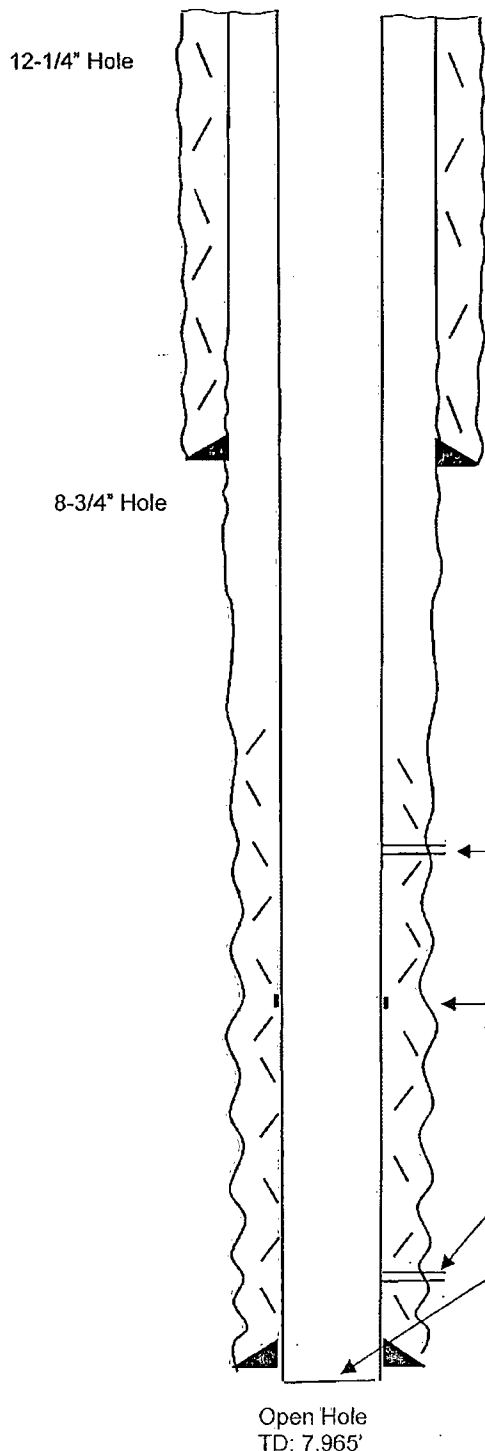
GL: 3,606' ZERO: 18' KB: 3,624'

SPUD DATE: 12/26/93 COMPLETION DATE: 04/24/93

COMMENTS: API No.: 30-015-27040

CASING PROGRAM

9-5/8" 36# J-55 LT&C	1,078'
Surface	
7" 26# J-55 LT&C	1,146'
7" 23# J-55 LT&C	3,565'
7" 26# J-55 LT&C	2,487'
7" 26# J-55 LT&C	565'
Bottom hole	7,764'



Before

TOPS

San Andres	746'
Glorieta	1,975'
BS	3,760'
WC	5,340'
Cisco	7,512'

DV Tool @ 7,199'

Canyon Perfs 7,693' to 7,724'
7-1-93 Acidized with 21,000 gal 20% HCL
Canyon Open Hole 7,764' to 7,965'
2-24-93 Acidized with 25,200 gal 20%

7" @ 7,764'
1st Stage w/ 230 sx
2nd Stage w/ 500 sx

Not to Scale
09/22/14
JMH

WELL NAME: State CO Com # 8

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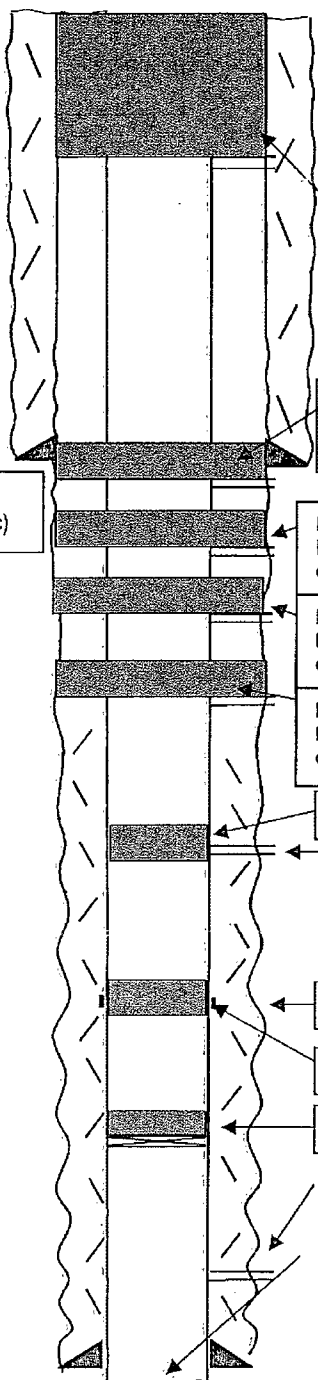
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Bottom hole	7,764'

12-1/4" Hole



Perf @ 1,217' and squeeze with 75 sx
Displace to 1,037' this will spot a plug inside and outside of the casing across the casing shoe.

9-5/8" @ 1,167'
w/ 1,300 sx (Circ)

Perf @ 2,025' and squeeze with 75 sx
Displace to 1,845' this will spot a plug inside and outside of the casing across the Glorieta top.

Perf @ 3,810' and squeeze with 75 sx
Displace to 3,630' this will spot a plug inside and outside of the casing across the Bone Springs top.

Perf @ 5,290' and squeeze with 75 sx
Displace to 5,110' this will spot a plug inside and outside of the casing across the Wolfcamp top.

35 sx plug from 7,435 to 7,615' across perfs

Squeeze Perfs @ 7,565' (4)
Spotted acid and could not pump into @ 2,500 PSI.

DV Tool @ 7,199'

35 sx plug from 7,069 to 7,249' across DV tool

CIPP @ 7,643' with a 25 sx cap

Canyon Perfs 7,693' to 7,724'
Acidized with 21,000 gal 20% HCL

Canyon Open Hole 7,764' to 7,965'
2-24-93 Acidized with 20,000 gal 20%

7" @ 7,764'
1st Stage w/ 230 sx
2nd Stage w/ 500 sx

Open Hole
TD: 7,965'

After

TOPS

San Andres 746'
Glorieta 1,975'
BS 3,760'
WC 5,340'
Cisco 7,512'

Not to Scale

09/22/14

JMH

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: Vates Petroleum
Well Name & Number: State CO Com #8
API #: 30-015-27040

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 1 year 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.

DATE: *Nov 21, 2014*

APPROVED BY: *ARD*

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).