

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

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

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. 30-015-10414
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD <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. VA-636
3. Address of Operator 105 South Fourth Street, Artesia, NM 88210		7. Lease Name or Unit Agreement Name Archimedes SWD
4. Well Location Unit Letter <u>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>18</u> Township <u>21S</u> Range <u>24E</u> NMPM <u>Eddy</u> County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,838' KB		9. OGRID Number 025575
		10. Pool name or Wildcat SWD; Devonian

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input 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: Repaired casing <input checked="" 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.

12/3/13 - NU BOP

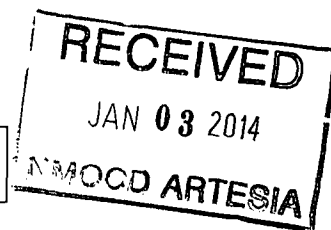
12/4/13 - Picked up 7" casing scraper and TIH. Picked up tubing to 200'. POH. Picked up 7" packer and RBP to 650'. Set plug to test casing. Circulated out 7" x 9-5/8". Released RBP. TIH to straddle casing splice at 5,494'. Pressured to 1000 psi. Pressure dropped to 400 psi quickly with isolation valve in line.

12/5-7/13 - Released packer. TIH and set packer RT on top of RBP to test tools. Tested to 1000 psi, held good for 10 mins. Released packer and pulled up to 5,243'. Tested across casing splice to 1000 psi, held good for 15 mins. Tested down tubing from 5' to 5,600' and tested good to 500 psi. TIH and perf'd 4 holes at 1,970'. POOH. Set AD-1 packer at 32'. Pumped down 7" casing and began circulating up 7" x 9-5/8". POOH with AD-1 packer. Released and pulled RBP up to 2,241'. Tested to 1000 psi, good. POOH with packer. Dump sand on RBP.

CONTINUED ON NEXT PAGE:

Spud Date:

Rig Release Date:



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

SIGNATURE Laura Watts TITLE Regulatory Reporting Technician DATE December 31, 2013

Type or print name Laura Watts E-mail address: laura@yatespetroleum.com PHONE: 575-748-4272

For State Use Only

APPROVED BY: Richard / rae TITLE COMPLIANCE OFFICER DATE 1/2/14
Conditions of Approval (if any):

Form C-103 continued:

12/8-9/13 – Set 7" cement retainer at 1,910'. Pumped down tubing and broke up 7" x 9-5/8". Batched up "C" cement, 1.32 yld, 14.8#. Circulated 300 sacks of cement to surface. Stung out retainer. POOH with tubing. Loaded hole with fresh water. Pumped surface plug to cover hole at surface. Wait on cement to cure.

12/10/13 – Did not tag surface plug. Well began circulating out 7" x 9-5/8". POOH with collars. Could see 2 holes in 7" casing 1' from surface. Batched up "C" cement with calcium. Poured down 7" x 9-5/8" until cement was coming out of holes in 7". Topped off 7" with cement at that time with 2' cement plug.

12/11/13 – Did not tag surface plug, was standing full of fluid. Had good cement on 7" x 9-5/8" coming off side where 2" nipple was. Began pumping with 1" valve on other side of wellhead off 7" x 9-5/8". Filled 1" with cement and shut valve. Pressure tested to 500 psi and lost 60 psi down to 440 psi in 10 mins. Got 1 hole sealed off. Hand mixed cement and poured down 2" nipple down 7" x 9-5/8". Could not get cement to run into casing. Hooked up reverse unit kicking pump in and out to push cement into casing. Filled inside of 7" with cement.

12/12/13 - Drilled out surface plug. Tested casing with all surface valves open to 500 psi. Lost 60 psi in 10 mins and 130 psi in 30 mins. Set packer. Tested casing down tubing to 500 psi, held good. ND BOP.

12/15/13 – Dug out cellar. Install new 7" casing and 9-5/8" casing stubs.

12/16/13 – NU BOP. Loaded hole and test casing to 560 psi, held good for 10 minutes.

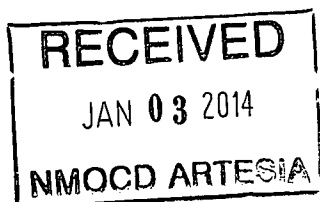
12/17/13 – Tagged cement at 1,875'. Tagged retainer at 1,903'. Circulated clean.

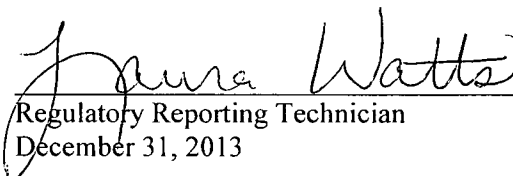
12/18/13 - Drilled out cement and fell out at 1,992'. TIH with RBP. Circulated sand off RBP. POOH with tubing. TIH with ret tool. Tagged RBP. Circulated off top of RBP. Latched up to RBP and had gas bubble come to surface. Blow down well for 30 mins. Released RBP.

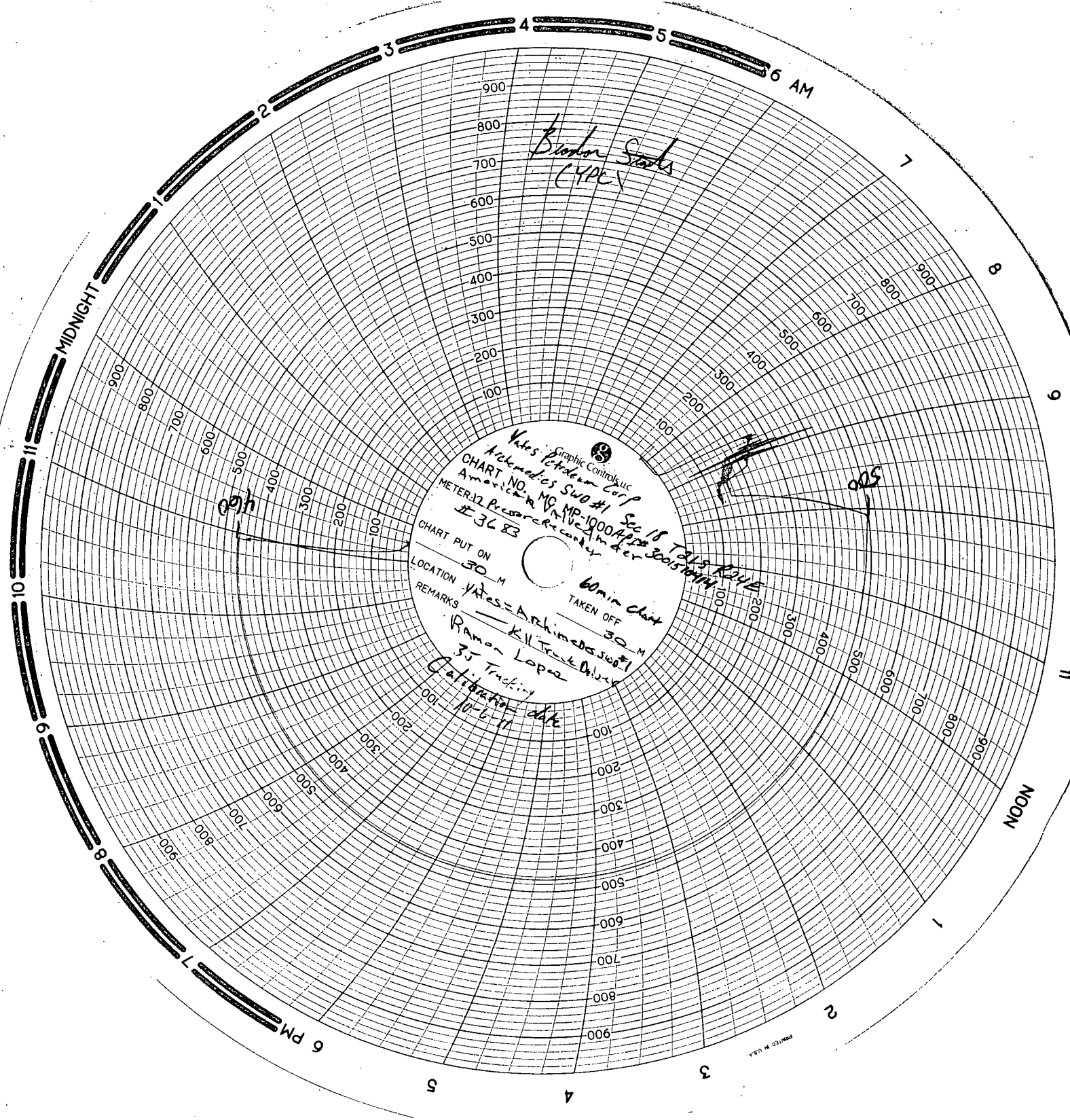
12/19-24/13 – Moved out 2-7/8" workstring. Moved in 4-1/2" PC buttress tubing. Circulated hole with packer fluid. Stung seal assembly in liner hanger and flanged well up. Was told to call Richard with NMOCD and he said he would be out of town – go ahead and test the well and send in the chart. Did not have to witness. Pressured casing to 485 psi and dropped down to 460 psi in 30 mins. Should be good with allowed 10% loss.

12/25/13 – 4-1/2" 11.6# N-80 tubing at 5,995'. Turned well over to production.

Original MIT chart attached




Regulatory Reporting Technician
December 31, 2013



*Boston South
(KPC)*

*Vates Graphic Controls Inc.
Archimedes Corp
CHART NO. 12
METER 12 Pressure
36 83*

*CHART PUT ON
LOCATION 30 M
REMARKS YATES = Archimedes SWF
Ramon Lopez
35 Trucking
Calibration date
10-6-11*

*60 min chart
TAKEN OFF
30 M*

*See 18 TALS RAYE
300500000*

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