

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-025-08826
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: STATE A A/C 2
8. Well Number 020
9. OGRID Number 148381
10. Pool name or Wildcat Jalmat Tansill Yates 7 Rvrs

Pit or Below-grade Tank Application ☐ or Closure ☐
Pit type N/A Depth to Groundwater 212' Distance from nearest fresh water well 1000+' Distance from nearest surface water 1000+'
Pit Liner Thickness: N/A mil Below-Grade Tank: Volume 500 bbls; Construction Material STEEL

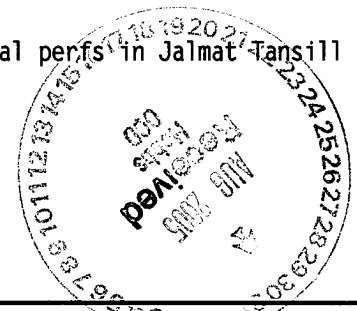
SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	7. Lease Name or Unit Agreement Name: STATE A A/C 2
2. Name of Operator MISSION RESOURCES CORPORATION	8. Well Number 020
3. Address of Operator 1331 LAMAR, SUITE 1455 HOUSTON, TEXAS 77010-3039	9. OGRID Number 148381
4. Well Location Unit Letter <u>J</u> : <u>1980</u> feet from the <u>SOUTH</u> line and <u>1980</u> feet from the <u>EAST</u> line Section <u>7</u> Township <u>22S</u> Range <u>36E</u> NMPM County <u>LEA</u>	10. Pool name or Wildcat Jalmat Tansill Yates 7 Rvrs
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR +/- 3604'	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Please find attached, the procedure, well schematic & log section for additional perfs in Jalmat Tansill Yates & 7 Rivers.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☒ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Nancy K. Gatti TITLE Regulatory Manager DATE 08/26/05
E-mail address: _____ Telephone No. 832-369-2126

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE AUG 31 2005
Conditions of Approval, if any: _____

August 24, 2005



AAC-2 #20
Recompletion Procedure
AFE #
Jalmat Field
Lea County, NM

Objective: Recomplete well to the Yates

Status: Well is T/A'd with cement retainer @ 3560'; no tubing in wellbore

PRESENT WELL DATA

Material	Description	Ratings (100%)	Ratings SF (80%)
Surface Casing	10" 40# @ 413'		
Intermediate Casing	7-5/8" 24# @ 3180'	2750	2200
Production Casing	5-1/2" 17# @ 3840'	5320	4256
Tubing	2-3/8" 4.7# J-55 8rd	7700	6160

1. MIRU work over rig. Unload 2-7/8" workstring.
2. ND tree & NU BOPs.
3. PU & RIH with bit and scraper to PBTB of 3560'. POOH.
4. RU e-line unit. RIH with Select fire perforating gun.
5. Perforate the Yates at 3174', 3191 1/2', 3200', 3208', 3214 1/2', 3219', 3233 1/2', 3253', 3259', 3275', 3305', 3315 1/2', 3331', 3335', 3347 1/2', 3356', 3375 1/2', 3380', 3390', 3397 1/2', 3416', 3438 1/2', 3448', 3455', 3472 1/2', 3474', 3485 1/2', 3491 1/2', 3498', 3502', 3509 1/2', 3521', 3526 1/2', 3536', 3545 1/2' all 1 SPF. Total 35 holes with .38" diameter. RD e-line unit.
6. RU Halliburton PPI equip and pump truck.

August 24, 2005



AAC-2 #20
Recompletion Procedure
AFE #
Jalmat Field
Lea County, NM

7. RIH & break down and acidize each NEW perf with PPI tool. Need _____ gal. 15% HCl and transport full of 2% KCl for flush.
8. RD Halliburton.
9. POOH with 2-7/8" tubing laying down.
10. PU 5-1/2" packer and RIH on 3-1/2", 12.95# Grade P-110 tubing frac string. Test tubing GIH to 8000#. Set packer at 3150'±.
11. ND BOPs & NU frac valve. RD & move off work over rig.
12. MI & set ___ frac tanks. Fill with fresh water.
13. MI RU Halliburton frac equip. (Set pop offs at 8000#.)
14. Frac well per recommendation.
15. Flow and test well. Put back to sales.
16. Change out 3-1/2" tubing with 2-3/8" tubing when well loads up. RIH with rods and put well back on pump.

FORM	TOP																																																		
		PROPOSED WELLBORE DIAGRAM																																																	
		AAC-2 #20																																																	
		SU-T-R 7J-22S-36E	API #: 30-025-08826-0000																																																
		POOL: JALMAT; TAN-YATES-7 RVRs (PRO GAS)																																																	
		CO, ST: LEA, NEW MEXICO	LAND TYPE: STATE																																																
		STATUS:	ACREAGE 40.12																																																
		LATEST RIG WORKOVER: 5/20/1983																																																	
		DIAGRAM REVISED: 8/24/05 by D. McPherson																																																	
		LOG ELEVATION: N/R GROUND ELEVATION: 3,615' DF																																																	
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>10" @ 413' w/ 225 sx Cmt</p> <p>Drill pipe stuck @ 3,800'. Left pipe, cmt'd to 3,240', set whipstock & drd new hole.</p> <p>LOGS GRN</p> </div> <div style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">CASING</th> <th style="text-align: center;">LINER</th> <th style="text-align: center;">TUBING</th> </tr> </thead> <tbody> <tr> <td>Hole</td> <td>13"</td> <td>8 3/4"</td> <td>6 1/4"</td> <td></td> <td></td> </tr> <tr> <td>Pipe</td> <td>10"</td> <td>7 5/8"</td> <td>5 1/2"</td> <td></td> <td>2-3/8"</td> </tr> <tr> <td>Weight</td> <td>40#</td> <td>24#</td> <td>17#</td> <td></td> <td>4.7#</td> </tr> <tr> <td>Grade</td> <td></td> <td></td> <td></td> <td></td> <td>J-55</td> </tr> <tr> <td>Thread</td> <td></td> <td></td> <td></td> <td></td> <td>8rd</td> </tr> <tr> <td>Depth</td> <td>413'</td> <td>3,180'</td> <td>3,840'</td> <td></td> <td></td> </tr> <tr> <td>Mud wt</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> </div>		CASING				LINER	TUBING	Hole	13"	8 3/4"	6 1/4"			Pipe	10"	7 5/8"	5 1/2"		2-3/8"	Weight	40#	24#	17#		4.7#	Grade					J-55	Thread					8rd	Depth	413'	3,180'	3,840'			Mud wt					
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		<p>7 5/8" @ 3,180' w/250 sx Cmt</p> <p>TOC @ surface w/75% SF</p>																																																	
		<p>PERFS: 35 holes from 3174-3545 1/2'</p>																																																	
YATES	3,330'																																																		
7 RVRs	3,569'																																																		
QUEEN	NDE																																																		
		<p>Retainer @ 3560' sqz w/250 sx cmt 3590-3605' (5/83) 3624-34' (5/83) 3654-62' (5/83) 3683-87' (5/83) Retainer @ 3702' sqz w/150 sx cmt 3722-30, 3737-59' (5/83) Retainer @ 3780' sqz w/ 75 sx cmt 3797-3815' (10/40) All PERFS are squeezed w/ Cmt</p> <p>5 1/2" @ 3,840' w/200 sx Cmt</p>																																																	
		<p>TAN-YATES-7 RVRs ZONE HISTORY</p> <p>5/10/83 Recompleted from Queen. Perforated 3,722-30, 3,737-59' Acidized 1500 gal acid IP 0 BOPD, 80 BWPD, 0 MCFD 5/15/83 Sqz w/ 150 sx Cmt 5/17/83 Perforated 7 Rvrs @ 3,590-3,605', 3,624-34', 3,654-62, 3,683-87', 1 SPF. Acidized w/2000 gal. Sqz w/ 250 sx Cmt 3/16/92 Tested csg & T&A well.</p>																																																	
		<p>QUEEN ZONE HISTORY</p> <p>8/5/40 Spud. 10/6/40 Initial Completion Pool EUNICE; SEVEN RIVERS-QUEEN, SOUTH Perforated 3,797-3,815' IP 648 BOPD, 645 MCF 8/50 Acidize w/500 gal 1/53 Replace gas lift valves Before work 5 BO, 11 MCF, 70 BW After work 33 BO, 178 MCF, 66 BW 3/56 Placed on pump 5/10/83 Acidize w/1000 gal, Swab only H₂O. Sqz perfs w/75 sx Cmt.</p>																																																	
		<p>TD 3,840'</p>																																																	

AAC-2 #20

3400

3500

3600

Casing Collars
Correct Depth

TOP 7 R 3569
(+416)

7 R