

• Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
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. 30-015-37500
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-7318
7. Lease Name or Unit Agreement Name Jericho BKJ State Com.
8. Well Number 2H
9. OGRID Number 025575
10. Pool name or Wildcat Bone Springs

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 S. 4th Street, Artesia, NM 88210

4. Well Location
Unit Letter A : 660 feet from the North line and 330 feet from the East line
Section 15 Township 25S Range 27E NMPM Eddy County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3170'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDON ☐
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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Bottom hole location for this well is Section 15, T25S-R27E, Unit D. 660' FNL and 330' FWL.
Yates Petroleum Corporation respectfully requests permission to change the target formation for this well.
Attached is the new directional plan as well as revised production casing design.

Thank-you,

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 Jeremiah Mullen TITLE Well Planning Technician DATE 6/11/10

Type or print name Jeremiah Mullen E-mail address: jnullen@yatespetroleum.com Telephone No. 575-748-4378

For State Use Only

APPROVED BY: Jacqueline R TITLE Geologist DATE 6/30/2010
Conditions of Approval (if any):

Jericho BKJ State Com. #2H

Production

0 ft to 6,400 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
5.5 inches	17 #/ft	P-110	LT&C	4620 3470 5780	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
7,480 psi	10,640 psi	445,000 #	546,000 #	4.767	

6,400 ft to 10,200 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
5.5 inches	17 #/ft	L-80	LT&C	3410 2560 4260	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
6,290 psi	7,740 psi	338,000 #	397,000 #	4.767	

Production hole size will be 8 3/4" from drill out of interm. csg to TD of the pilot hole. Hole will then be plugged back and kicked off at approx. 5647' with a 8 3/4" hole and drilled to 6,400' MD (6,125' TVD), hole size will then be reduced to 7 7/8" and drilled to 10,200' MD (6,125' TVD) where 5 1/2" casing will be run and cemented.

Contingency Casing Design

If hole conditions dictate, 7" casing will be set at 6,400' MD (6,125' TVD). A 6 1/8" hole will then be drilled to 10,200' MD (6,125' TVD) where 4 1/2" casing will be set and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 5600'.

2nd Intermediate

0 ft to 100 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
7 inches	26 #/ft	J-55	LT&C	3670 2750 4590	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
4,320 psi	4,980 psi	367,000 #	415,000 #	6.151	

100 ft to 5,900 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
7 inches	23 #/ft	J-55	LT&C	3130 2350 3910	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
3,270 psi	4,360 psi	313,000 #	366,000 #	6.25	

5,900 ft to 6,400 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
7 inches	26 #/ft	J-55	LT&C	3670 2750 4590	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
4,320 psi	4,980 psi	367,000 #	415,000 #	6.151	

Lead w/450sx Lite crete (YLD 2.66 Wt. 9.9) tail w/125sx PVL (YLD 1.41 Wt 13) TOC = 1900'

Production

0 ft to 10,200 ft		Make up Torque ft-lbs			Total ft =
O.D.	Weight	Grade	Threads	opt. min. mx.	
4.5 inches	11.6 #/ft	HCP-110	LT&C	3020 2270 3780	
Collapse Resistance	Internal Yield	Joint Strength	Body Yield	Drift	
8,650 psi	10,690 psi	279,000 #	367,000 #	3.875	

DV tool placed at approx. 5600' and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 5600'. Cemented w/625sx PVL (YLD 1.41 Wt 13) TOC= 5600'

Co: 0 Drillers: 0 Well Name: Jericho BKJ State Com #2H Location: 0					Units: Feet, ° 7100ft Elevation: Northing: Easting:			VS Az: 270.00 Tgt Radius: 0.00 Tgt N/S: 0.00 Tgt E/W: -4280.00		Tgt TVD: 6125.00 Tgt MD: 0.00 Tgt Displ.: 0.00 Method: Minimum Curvature		
Jericho BKJ State Com 2H												
No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
1	500.00	500.00	0.00	360.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	Castille
2	700.04	200.04	0.00	360.00	700.04	0.00	0.00	0.00	0.00	0.00	0.00	TOS
3	2100.00	1399.96	0.00	360.00	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	BOS
4	2280.00	180.00	0.00	360.00	2280.00	0.00	0.00	0.00	0.00	0.00	0.00	Bell Canyon
5	3050.01	770.01	0.00	360.00	3050.01	0.00	0.00	0.00	0.00	0.00	0.00	Cherry Canyon
6	4179.99	1129.99	0.00	360.00	4179.99	0.00	0.00	0.00	0.00	0.00	0.00	Brushy Canyon
7	5530.00	1350.01	0.00	360.00	5530.00	0.00	0.00	0.00	0.00	0.00	0.00	Brushy Canyon Marker
8	5647.54	5647.54	0.00	270.00	5647.54	0.00	0.00	0.00	0.00	-1.59	0.00	KOP
9	5700.00	52.46	6.29	270.00	5699.89	2.88	0.00	-2.88	12.00	0.00	12.00	
10	5802.76	155.23	18.62	270.00	5800.04	25.00	0.00	-25.00	12.00	0.00	12.00	Bone Springs
11	5900.00	97.24	30.30	270.00	5888.40	65.19	0.00	-65.19	12.01	0.00	12.01	
12	6100.00	200.00	54.30	270.00	6035.26	198.80	0.01	-198.80	12.00	0.00	12.00	
13	6300.00	200.00	78.30	270.00	6115.08	380.59	0.01	-380.59	12.00	0.00	12.00	
14	6397.53	750.00	90.00	270.00	6125.00	477.46	0.00	-477.46	12.00	0.00	12.00	EOC (Avalon Shale Target)
15	6700.00	302.47	90.00	270.00	6125.00	779.93	0.01	-779.93	0.00	0.00	0.00	
16	7200.00	500.00	90.00	270.00	6125.00	1279.93	0.01	-1279.93	0.00	0.00	0.00	
17	7700.00	500.00	90.00	270.00	6125.00	1779.93	0.01	-1779.93	0.00	0.00	0.00	
18	8200.00	500.00	90.00	270.00	6125.00	2279.93	0.01	-2279.93	0.00	0.00	0.00	
19	8700.00	500.00	90.00	270.00	6125.00	2779.93	0.01	-2779.93	0.00	0.00	0.00	
20	9200.00	500.00	90.00	270.00	6125.01	3279.93	0.01	-3279.93	0.00	0.00	0.00	
21	9700.00	500.00	90.00	270.00	6125.01	3779.93	0.01	-3779.93	0.00	0.00	0.00	
22	10200.00	500.00	90.00	270.00	6125.01	4279.93	0.01	-4279.93	0.00	0.00	0.00	
23	10200.07	3802.54	90.00	270.00	6125.01	4280.00	0.01	-4280.00	0.00	0.00	0.00	EOL

