

• 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
June 16, 2008

RA

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

WELL API NO. 30-015-37786
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Chevron BOT
8. Well Number 5H
9. OGRID Number 25575
10. Pool name or Wildcat Wildcat Bone Spring

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 ☐	RECEIVED MAY 06 2010 NMOCD ARTESIA
2. Name of Operator Yates Petroleum Corporation	
3. Address of Operator 105 S. 4 th Street, Artesia, New Mexico 88210	
4. Well Location Unit Letter <u>J</u> <u>2310</u> feet from the <u>South</u> line and <u>2310</u> feet from the <u>East</u> line Surface Hole Section <u>5</u> Township <u>24S</u> Range <u>29E</u> NMPM County <u>Eddy</u> Unit Letter <u>J</u> <u>2310</u> feet from the <u>South</u> line and <u>1650</u> feet from the <u>East</u> line Bottom Hole Section <u>32</u> Township <u>23S</u> Range <u>29E</u> NMPM County <u>Eddy</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2952' GR	

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. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐
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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.

Yates Petroleum Corporation wishes to change the bottom hole footages from 2310' FSL and 1980' FEL Section 32-T23S-23E To 2310' FSL and 1650' FEL Section 32-T23S-R29E.

C-102 Attached

Directional Drilling Plan Attached

Thank you,

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

SIGNATURE <u>Cy Cowan</u>	TITLE <u>Land Regulatory Agent</u>	DATE <u>May 6, 2010</u>
Type or print name <u>Cy Cowan</u>	E-mail address <u>cy@yatespetroleum.com</u>	PHONE: <u>(575) 748-4372</u>
For State Use Only		
APPROVED BY: <u>[Signature]</u>	TITLE <u>Geologist</u>	DATE <u>5/11/2010</u>
Conditions of Approval (if any):		

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State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
Revised October 15, 2009
Submit one copy to appropriate District Office
RECEIVED
MAY 06 2010
NMOCD ARTESIA

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37786	Pool Code	Pool Name Wildcat Bone Spring
Property Code	Property Name CHEVRON "BOT"	Well Number 5H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 2952'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	5	24 S	29 E		2310	SOUTH	2310	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	32	23 S	29 E		2310	SOUTH	1650	EAST	EDDY
Dedicated Acres 200	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

PROPOSED BOTTOM HOLE LOCATION
Lat - N 32°15'37.51"
Long - W 104°00'12.86"
NMSPCE- N 458630.450
E 643269.954
(NAD-83)

Project Area

Production Zone

Penetration Point
2784' FSL & 2251' FEL

534.7'

2310'

1650'

5

O.S.L.

SURFACE LOCATION
Lat - N 32°14'45.07"
Long - W 104°00'19.96"
NMSPCE- N 453328.928
E 642676.146
(NAD-83)

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 5/6/10

Printed Name: Cy Cowan

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Surveyed: *[Signature]*
Signature & Seal of Professional Surveyor 7977

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

Chevron BOT #5H

Contingency Casing Design

If hole conditions dictate, 7" casing will be set at 7,798' MD (7,525' TVD). A 6 1/8" hole will then be drilled to 12,641' MD (7,525' 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 7000'

2nd Intermediate

0 ft to 100 ft				Make up Torque ft-lbs			Total ft = 100
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 = 5,800
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 7,798 ft				Make up Torque ft-lbs			Total ft = 1,898
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	

DV tools placed at 7000' and 4200'

Stage I: Cemented w/175sx PVL (YLD 1.41 Wt 13) TOC= 7000'

Stage II: Cemented w/600sx PVL (YLD 1.41 Wt 13) TOC= 4200'

Stage III: Cemented w/150sx Lite Crete (YLD 2.78 Wt 9.9), tail w/100sx PVL (YLD 1.41 Wt 13) TOC= 2350'

Production

0 ft to 12,641 ft				Make up Torque ft-lbs			Total ft = 12,641
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. 7000' and cemented with one stage up to dv tool. After completion procedures, the 4 1/2" casing will be cut and pulled at 7000'

Cemented w/750sx PVL (YLD 1.41 Wt 13) TOC= 7000'

Co: Yates Petroleum			Units: Feet, ° 7100ft			VS Az: 7.13		Tgt TVD: 7525.00	
Drillers: 0			Elevation:			Tgt Radius: 0.00		Tgt MD: 0.00	
Well Name: Chevron BOT #5H			Northing:			Tgt N/S: 5280.00		Tgt Displ.: 0.00	
Location: 0			Easting:			Tgt E/W: 660.00		Method: Minimum Curvature	

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	312.00	312.00	0.00	0.00	312.00	0.00	0.00	0.00	0.00	0.00	0.00	Rustler
2	650.00	338.00	0.00	0.00	650.00	0.00	0.00	0.00	0.00	0.00	0.00	Top of Salt
3	2750.00	2100.00	0.00	0.00	2750.00	0.00	0.00	0.00	0.00	0.00	0.00	Base of Salt
4	2800.00	50.00	0.00	0.00	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	Bell Canyon
5	3680.00	880.00	0.00	0.00	3680.00	0.00	0.00	0.00	0.00	0.00	0.00	Cherry Canyon
6	4890.00	1210.00	0.00	0.00	4890.00	0.00	0.00	0.00	0.00	0.00	0.00	Brushy Canyon
7	6350.00	1460.00	0.00	0.00	6350.00	0.01	0.01	0.00	0.00	0.00	0.00	Brushy Canyon MKR
8	6475.00	125.00	0.00	0.00	6475.00	0.01	0.01	0.00	0.00	0.00	0.00	Bone Springs
9	7047.54	7047.54	0.00	7.13	7047.54	0.01	0.01	0.00	0.00	0.10	0.00	KOP
10	7050.01	2.48	0.30	7.13	7050.01	0.01	0.01	0.00	11.92	0.00	11.92	
11	7150.78	100.76	12.39	7.13	7149.97	11.13	11.04	1.38	12.01	0.00	12.01	
12	7256.62	105.85	25.09	7.13	7250.00	45.06	44.72	5.59	12.00	0.00	12.00	
13	7375.07	118.44	39.31	7.13	7349.97	108.02	107.18	13.40	12.00	0.00	12.00	
14	7526.29	151.22	57.45	7.13	7450.00	220.59	218.89	27.36	12.00	0.00	12.00	
15	7545.47	497.94	59.75	7.13	7460.00	236.96	235.13	29.39	12.00	0.00	12.00	First Bone Springs
16	7797.53	750.00	90.00	7.13	7525.00	477.47	473.78	59.22	12.00	0.00	12.00	Target Zone
17	12641.16	4843.63	90.00	7.13	7525.01	5321.10	5280.01	660.00	0.00	0.00	0.00	Lateral TD

