

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. 30-015-38317
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-4129
7. Lease Name or Unit Agreement Name Blackbird BKR State Com.
8. Well Number 3H
9. OGRID Number 025575
10. Pool name or Wildcat Abo

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3573'

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 _____

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 M : 1270 feet from the South line and 200 feet from the West line
Section 32 Township 16S Range 28E NMPM Eddy County

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

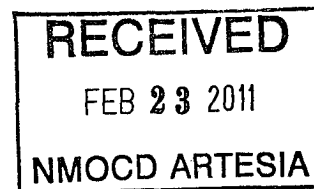
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☐	

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 32, 16S-28E, (360' FSL & 330' FEL) Unit P

Yates Petroleum Corporation respectfully requests permission to omit the pilot hole on this well and also change the directional plan and casing program as per attachments. Production cement will be done with a pulling unit once the drilling rig moves off using an FO cementing tool.

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 Planner DATE 2/21/11

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

For State Use Only
APPROVED BY: [Signature] TITLE Geologist DATE 3/3/2011
Conditions of Approval (if any): _____

118

Blackbird BKR State Com. #3H

Surface Casing

Drilled with a 17 1/2" hole.

0 ft to 400 ft		Make up Torque ft-lbs			Total ft = 400
O.D.	Weight	Grade	Threads	opt. min. mx.	
13.375 inches	48 #/ft	J-55	ST&C	4,330 3,250 5,410	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
740	2,370 psi	433,000 #		744,000 #	12.559

Cement to remain as permitted

Intermediate Casing

Drilled with 12 1/4" hole.

0 ft to 2,150 ft		Make up Torque ft-lbs			Total ft = 2,150
O.D.	Weight	Grade	Threads	opt. min. mx.	
9.625 inches	36 #/ft	K-55	LT&C	4,890 3,670 6,110	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
2,020 psi	3,520 psi	489,000 #		564,000 #	8.765

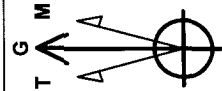
Cement to remain as permitted

Production Casing

Drilled with 8 3/4" hole to 6,675' then reduced to 8 1/2" to TD'

0 ft to 11,057 ft		Make up Torque ft-lbs			Total ft = 11,057
O.D.	Weight	Grade	Threads	opt. min. mx.	
5.5 inches	17 #/ft	HCP-110	LT&C	4620 3470 5780	
Collapse Resistance	Internal Yield	Joint Strength		Body Yield	Drift
8,580 psi	10,640 psi	445,000 #		546,000 #	4.767

Well will be directionally drilled to 6,075' with an 8 3/4" hole. At 6075' well will be kicked off at 12 degrees per 100' with an 8 3/4" hole to approx. 6,675' MD (6,526' TVD) where hole size will be reduced to 8 1/2" and then drilled to 11,057' MD (6,552' TVD). 5 1/2" casing will then be run with a packer/port system in the lateral and an FO cementing tool in the vertical hole (FO tool placement to be determined by completion engineer). Once 5 1/2" is run and packers are set, drilling rig will move off. A completion unit will be used to cement the production casing in the vertical hole using an FO tool. Penetration point of producing formation encountered at 974' FSL and 595' FWL, 32-16S-28E. Deepest TVD in the well will be in the lateral at 6552'.



Project: Eddy County
Site: Blackbird BKR State Com
Well: #3H
Wellbore: OH
Plan: Design #1 (#3H/OH)

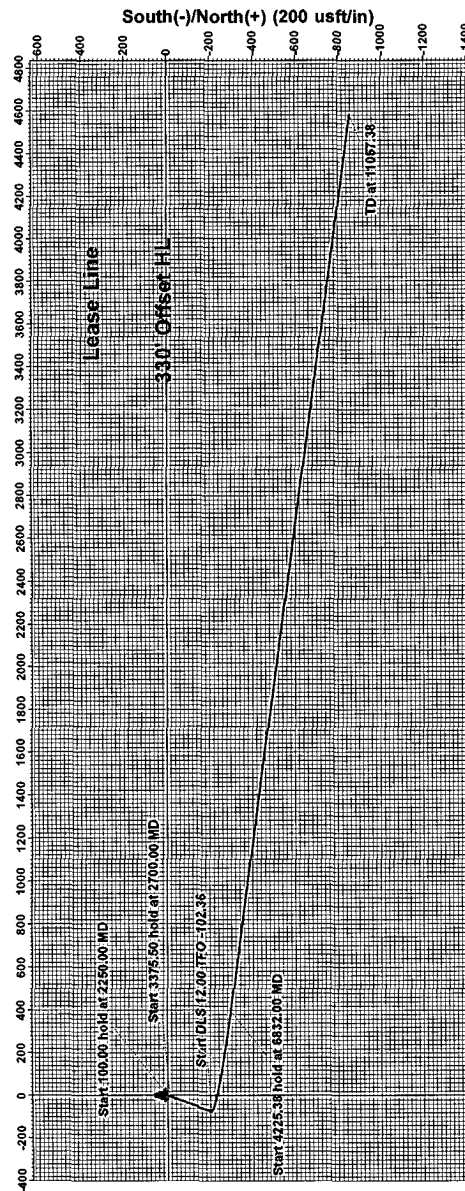


PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level
Local North: Grid

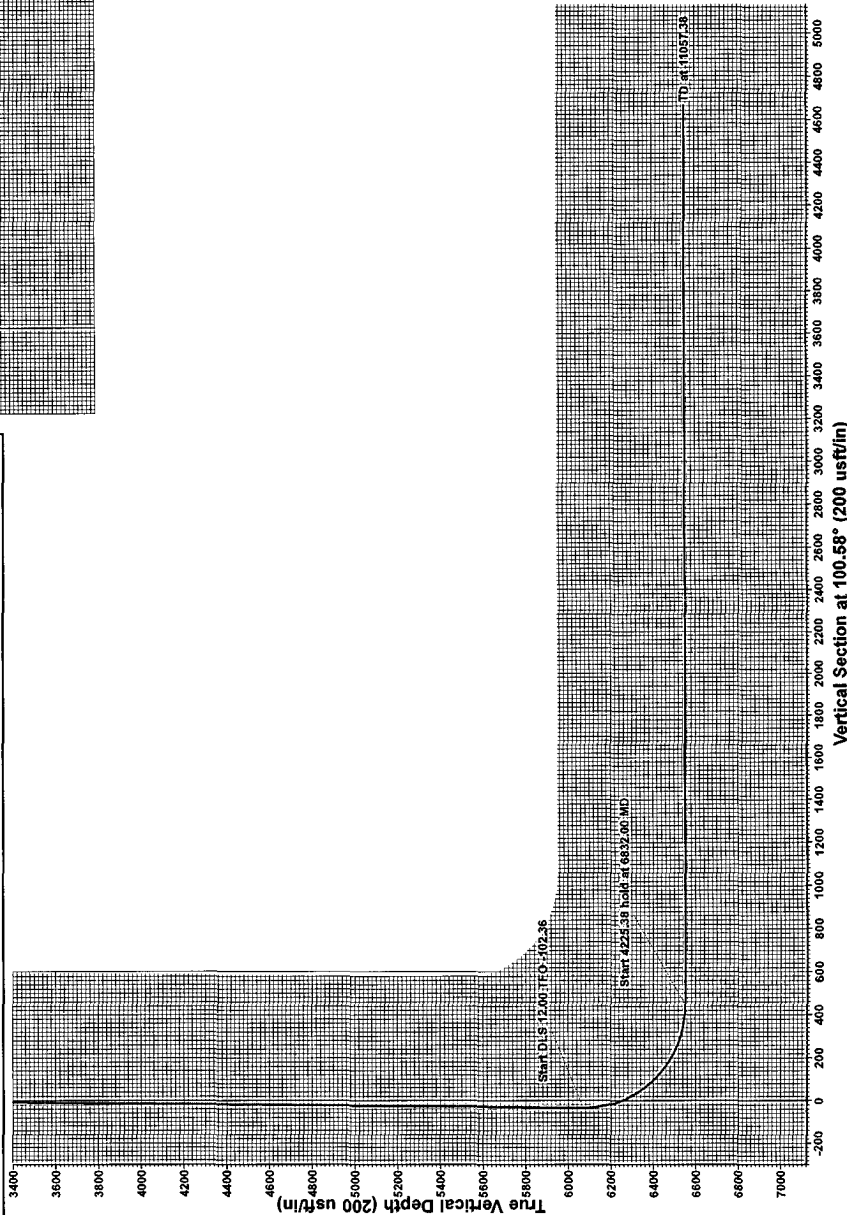
PATHFINDER
A Schlumberger Company

Azimuths to Grid North
True North: -0.07°
Magnetic North: 7.90°
Magnetic Field
Strength: 48968.3nT
Dip Angle: 60.69°
Date: 02/15/2011
Model: IGRF2010

West(-)/East(+) (200 usft/in)



SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2250.00	0.00	0.00	2250.00	0.00	0.00	0.00	0.00	0.00	0.00
2350.00	0.00	0.00	2350.00	0.00	0.00	0.00	0.00	0.00	0.00
2450.00	0.00	0.00	2450.00	0.00	0.00	0.00	0.00	0.00	0.00
2550.00	0.00	0.00	2550.00	0.00	0.00	0.00	0.00	0.00	0.00
2650.00	0.00	0.00	2650.00	0.00	0.00	0.00	0.00	0.00	0.00
2750.00	0.00	0.00	2750.00	0.00	0.00	0.00	0.00	0.00	0.00
2850.00	0.00	0.00	2850.00	0.00	0.00	0.00	0.00	0.00	0.00
2950.00	0.00	0.00	2950.00	0.00	0.00	0.00	0.00	0.00	0.00
3050.00	0.00	0.00	3050.00	0.00	0.00	0.00	0.00	0.00	0.00
3150.00	0.00	0.00	3150.00	0.00	0.00	0.00	0.00	0.00	0.00
3250.00	0.00	0.00	3250.00	0.00	0.00	0.00	0.00	0.00	0.00
3350.00	0.00	0.00	3350.00	0.00	0.00	0.00	0.00	0.00	0.00
3450.00	0.00	0.00	3450.00	0.00	0.00	0.00	0.00	0.00	0.00
3550.00	0.00	0.00	3550.00	0.00	0.00	0.00	0.00	0.00	0.00
3650.00	0.00	0.00	3650.00	0.00	0.00	0.00	0.00	0.00	0.00
3750.00	0.00	0.00	3750.00	0.00	0.00	0.00	0.00	0.00	0.00
3850.00	0.00	0.00	3850.00	0.00	0.00	0.00	0.00	0.00	0.00
3950.00	0.00	0.00	3950.00	0.00	0.00	0.00	0.00	0.00	0.00
4050.00	0.00	0.00	4050.00	0.00	0.00	0.00	0.00	0.00	0.00
4150.00	0.00	0.00	4150.00	0.00	0.00	0.00	0.00	0.00	0.00
4250.00	0.00	0.00	4250.00	0.00	0.00	0.00	0.00	0.00	0.00
4350.00	0.00	0.00	4350.00	0.00	0.00	0.00	0.00	0.00	0.00
4450.00	0.00	0.00	4450.00	0.00	0.00	0.00	0.00	0.00	0.00
4550.00	0.00	0.00	4550.00	0.00	0.00	0.00	0.00	0.00	0.00
4650.00	0.00	0.00	4650.00	0.00	0.00	0.00	0.00	0.00	0.00
4750.00	0.00	0.00	4750.00	0.00	0.00	0.00	0.00	0.00	0.00
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4950.00	0.00	0.00	4950.00	0.00	0.00	0.00	0.00	0.00	0.00
5050.00	0.00	0.00	5050.00	0.00	0.00	0.00	0.00	0.00	0.00
5150.00	0.00	0.00	5150.00	0.00	0.00	0.00	0.00	0.00	0.00
5250.00	0.00	0.00	5250.00	0.00	0.00	0.00	0.00	0.00	0.00
5350.00	0.00	0.00	5350.00	0.00	0.00	0.00	0.00	0.00	0.00
5450.00	0.00	0.00	5450.00	0.00	0.00	0.00	0.00	0.00	0.00
5550.00	0.00	0.00	5550.00	0.00	0.00	0.00	0.00	0.00	0.00
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5950.00	0.00	0.00	5950.00	0.00	0.00	0.00	0.00	0.00	0.00
6050.00	0.00	0.00	6050.00	0.00	0.00	0.00	0.00	0.00	0.00
6150.00	0.00	0.00	6150.00	0.00	0.00	0.00	0.00	0.00	0.00
6250.00	0.00	0.00	6250.00	0.00	0.00	0.00	0.00	0.00	0.00
6350.00	0.00	0.00	6350.00	0.00	0.00	0.00	0.00	0.00	0.00
6450.00	0.00	0.00	6450.00	0.00	0.00	0.00	0.00	0.00	0.00
6550.00	0.00	0.00	6550.00	0.00	0.00	0.00	0.00	0.00	0.00
6650.00	0.00	0.00	6650.00	0.00	0.00	0.00	0.00	0.00	0.00
6750.00	0.00	0.00	6750.00	0.00	0.00	0.00	0.00	0.00	0.00
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6950.00	0.00	0.00	6950.00	0.00	0.00	0.00	0.00	0.00	0.00
7050.00	0.00	0.00	7050.00	0.00	0.00	0.00	0.00	0.00	0.00
7150.00	0.00	0.00	7150.00	0.00	0.00	0.00	0.00	0.00	0.00
7250.00	0.00	0.00	7250.00	0.00	0.00	0.00	0.00	0.00	0.00
7350.00	0.00	0.00	7350.00	0.00	0.00	0.00	0.00	0.00	0.00
7450.00	0.00	0.00	7450.00	0.00	0.00	0.00	0.00	0.00	0.00
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8250.00	0.00	0.00	8250.00	0.00	0.00	0.00	0.00	0.00	0.00
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8550.00	0.00	0.00	8550.00	0.00	0.00	0.00	0.00	0.00	0.00
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8750.00	0.00	0.00	8750.00	0.00	0.00	0.00	0.00	0.00	0.00
8850.00	0.00	0.00	8850.00	0.00	0.00	0.00	0.00	0.00	0.00
8950.00	0.00	0.00	8950.00	0.00	0.00	0.00	0.00	0.00	0.00
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9150.00	0.00	0.00	9150.00	0.00	0.00	0.00	0.00	0.00	0.00
9250.00	0.00	0.00	9250.00	0.00	0.00	0.00	0.00	0.00	0.00
9350.00	0.00	0.00	9350.00	0.00	0.00	0.00	0.00	0.00	0.00
9450.00	0.00	0.00	9450.00	0.00	0.00	0.00	0.00	0.00	0.00
9550.00	0.00	0.00	9550.00	0.00	0.00	0.00	0.00	0.00	0.00
9650.00	0.00	0.00	9650.00	0.00	0.00	0.00	0.00	0.00	0.00
9750.00	0.00	0.00	9750.00	0.00	0.00	0.00	0.00	0.00	0.00
9850.00	0.00	0.00	9850.00	0.00	0.00	0.00	0.00	0.00	0.00
9950.00	0.00	0.00	9950.00	0.00	0.00	0.00	0.00	0.00	0.00
10050.00	0.00	0.00	10050.00	0.00	0.00	0.00	0.00	0.00	0.00
10150.00	0.00	0.00	10150.00	0.00	0.00	0.00	0.00	0.00	0.00
10250.00	0.00	0.00	10250.00	0.00	0.00	0.00	0.00	0.00	0.00
10350.00	0.00	0.00	10350.00	0.00	0.00	0.00	0.00	0.00	0.00
10450.00	0.00	0.00	10450.00	0.00	0.00	0.00	0.00	0.00	0.00
10550.00	0.00	0.00	10550.00	0.00	0.00	0.00	0.00	0.00	0.00
10650.00	0.00	0.00	10650.00	0.00	0.00	0.00	0.00	0.00	0.00
10750.00	0.00	0.00	10750.00	0.00	0.00	0.00	0.00	0.00	0.00
10850.00	0.00	0.00	10850.00	0.00	0.00	0.00	0.00	0.00	0.00
10950.00	0.00	0.00	10950.00	0.00	0.00	0.00	0.00	0.00	0.00
11057.38	0.00	0.00	11057.38	0.00	0.00	0.00	0.00	0.00	0.00



Vertical Section at 100.58° (200 usft/in)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

No target data is available.

WELL DETAILS: #3H

Ground Elevation: 3573.00
RKB Elevation: WELL @ 3581.00ust (Silver Oak #10)
Rig Name: Silver Oak #10

+N/-S	0.00	+E/-W	0.00	Northing	681727.520	Easting	580414.800	Latitude	32° 52' 25.491 N	Longitude	104° 12' 21.762 W	Slot
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Plan: Design #1 (#3H/OH)

Created By: Nate Bingham Date: 10/28, February 16 2011

Checked: _____ Date: _____