

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NM-106678 & Nm-96209

6. If Indian, Allottee or Tribe Name.

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
Yates Petroleum Corporation

3a. Address  
105 South Fourth Street, Artesia, New Mexico 88210

3b. Phone No. (include area code)  
575-748-4372

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Bolivar BRD Federal Com. #1-H

9. API Well No.  
30-015-40742

10. Field and Pool or Exploratory Area  
Undesignated 2nd Bone Spring

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FSL & 330' FEL, Surface Hole, Section 33-T24S-R27E  
1980' FSL & 330' FWL, Bottom Hole, Section 33-T24S-R27E

11. County or Parish, State  
Eddy County, New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Change TD</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Yates Petroleum Corporation wishes to change the depth of this well from 9850' TVD & 14294' TMD to new depth of 7536' TVD & 12075' TMD. Attached is a new Drilling Plan.

Accepted for record  
NMOCD *tes*  
3/7/2013

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
MAR 07 2013  
NMOCD ARTESIA

APPROVED  
MAR 4 2013  
*Ed Fernandez*  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Cy Cowan

Title Land Regulatory Agent

Signature

*Cy Cowan*

Date

2/20/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

*Ed Fernandez*

PETROLEUM ENGINEER

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210  
Phone (575) 748-1283 Fax: (575) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 478-3480 Fax: (505) 478-3482

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code	Pool Name	
		Undesignated 2nd Bone Spring	
Property Code	Property Name		Well Number
	BOLIVAR "BRD" FEDERAL COM		1H
OGRID No. 025575	Operator Name		Elevation
	YATES PETROLEUM CORP.		3253'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	33	24 S	27 E		1980	SOUTH	330	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
L	33	24 S	27 E		1980	SOUTH	330	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

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

<p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°10'18.67" Long - W 104°12'10.93" NMSPC- N 426273.756 E 581654.331 (NAD-83)</p>	<p><b>SURFACE LOCATION</b> Lat - N 32°10'18.73" Long - W 104°11'16.85" NMSPC- N 426286.164 E 586302.890 (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b> 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.</p> <p><i>Cy Cowan</i> 2/20/13 Signature Date</p> <p>Cy Cowan Printed Name cy@yatespetroleum.com Email Address</p>
		<p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>GARY L. JONES NOVEMBER 27, 2011 Date Surveyed Signature &amp; Seal of Professional Surveyor W.C. No. 25665</p> <p>Certificate No. Gary L. Jones 7977 BASIN SURVEYS 25665</p>

The diagram shows a rectangular area divided into a 'Project Zone' (left) and a 'Producing Zone' (right). A 'Penetration Point' is marked at the bottom center, with a note '1979' FSL & 818' FEL'. Dimensions include a total width of 4649.7', a distance of 330' from the left edge to the penetration point, and a distance of 3256.5' from the penetration point to the right edge. Vertical dimensions show 1980' from the bottom edge to the surface location and 3254.2' from the surface location to the bottom hole location. A 'B.H.' (Bottom Hole) is marked at the top left corner, and an 'S.L.' (Surface Location) is marked at the top right corner.

**YATES PETROLEUM CORPORATION**

Bolivar BRD Federal Com #1-H  
 1980' FSL & 330' FEL, Surface Hole  
 1980' FSL & 330' FWL, Bottom Hole  
 Section 33 -T24S-R27E  
 Eddy County, New Mexico

1. The estimated tops of geologic markers are as follows:

Rustler	Surface	Brushy Canyon Marker	5431'
Castile Lower	371'	Bone Spring LM	5741'
TOS	592'	Avalon Shale	5806' Gas
BOS	2031'	Bone Spring 1/SD/	6791' Oil
Lamar	2231'	Bone Spring 2/SD/	7515' Oil
Delaware	2281'	Target SBSG	7913'
Cherry Canyon	3091' Oil	TD-TMD Lateral	12075'
Brushy Canyon	4191' Oil		

2. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: Approx 250' - 350'

Oil or Gas: See above--All Potential Zones

3. Pressure Control Equipment: 3000 PSI BOPE with a 13.625" opening will be installed on the 13.3/8" casing and also on the 9 5/8" casing. BOP preventers and equipment will be tested to the pressure approved in the APD. Test will be conducted by an independent tester, utilizing a test plug in the well head. Test will be held for 10 minutes on each segment of the system tested. Any leaks will be repaired at the time of the test. Annular preventers will be tested to 50% of rated pressure. Accumulator system will be inspected for correct pre charge pressures, and proper functionality, prior to connection to the BOP system. Tests will be conducted before drilling out from under all casing strings, which are set and cemented in place. Blowout Preventer controls will be installed prior to drilling the surface plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. See Exhibit B.

*See COA*

4. Auxiliary Equipment:

A. Auxiliary Equipment: Kelly cock, pit level indicators, flow sensor equipment and a sub with full opening valve to fit the drill pipe and collars will be available on the rig floor in the open position at all times for use when kelly is not in use.

5. THE PROPOSED CASING AND CEMENTING PROGRAM:

A. Casing Program: (All New)

Hole Size	Casing Soze	Wt./Ft.	Grade	Coupling	Interval	Length
26"	20"	94#	H-40	ST&C	0-40'	40'
17 1/2"	13 3/8"	48#	J-55	ST&C	0-400'	400'
12 1/4"	9 5/8"	36#	J-55	LT&C	0-2350'	2350'
8 3/4"	5 1/2"	17#	P-110	Buttress	0-7913'	7913'
8 1/2"	5 1/2"	17#	P-110	Buttress	7913'-12075'	4162'

Minimum Casing Design Factors: Burst 1.0, Tensile 1.8, Collapse 1.125

B. CEMENTING PROGRAM:

Surface casing: 420 sacks Class C + 2% CaCl<sub>2</sub> (WT 14.80 Yld. 1.34). Designed with 100% excess. TOC-Surface.

Intermediate Casing: Lead with 600 sacks 35:65:6PzC (WT 12.50 Yld 2.00); Tail in with 200 sacks Class C + 2% CaCl<sub>2</sub> (WT. 14.8 Yld 1.34). Designed with 100% excess. TOC-Surface

Production Casing, Stage 1: Lead with 570 sacks 35:65:6PzC (WT 12.50 Yld 2.00); Tail in with 1025 sacks PecosVILt with Fresh Water=9.297 gal/sk, D151-CaCO3 Weight=30% BWOC, D174-Expanding Ce=1.5% BWOC, D046-Antifoam=.2% BWOC, D800-Retarder=.6% BWOC, D112-Fluid Loss=.5% BWOC, and D208-Viscosifier=.1% BWOC (WT 13.00 Yld 1.41). Cement designed with 35% excess. TOC-4500'.

Production Casing, Stage 2: Lead with 385 sacks 35:65:6PzC (Wt. 12.50 Yld. 2.00). Tail in with 100 sacks Class C with CaCl2 (Wt. 14.80 Yld. 1.34). Cement designed with 35% excess. TOC is 1850'.

The well will be drilled vertically depth to 7152'. Well will then be kicked off at 7152' and directionally drilled at 12 degrees per 100' with an 8 3/4" hole to 7913' MD (7630' TVD). Hole size will be reduced to 8 1/2" and drilled to 12075' MD 97536' TVD) where 5 1/2" will be set and cemented 500' into the intermediate casing with a DV/Stage tool between 4250' and 4750'. If the DV/Stage tool is moved, the cement will be distrusted proportionally. Penetration point of producing zone will be encountered at 1979' FSL & 818' FEL, 33-24S-27E. Deepest TVD in the well will be 7630' in the lateral.

6. Mud Program and Auxiliary Equipment:

Interval	Type	Weight	Viscosity	Fluid Loss
0-400'	Fresh Water	8.60-9.20	30-34	N/C
400'-2350'	Brine Water	10.00-10.20	28-29	N/C
2350'-12075'	Cut Brine	8.70-9.00	28-32	N/C

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blow out will be available at the well site during drilling operations. The slow pump speed will be recorded on the daily drilling report after mudding up. A mud test will be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH. After surface casing is set an electronic PVT system will be installed as our primary mud level monitoring system. A secondary system will also be implemented as to insure the PVT system is functioning properly. The secondary system will be comprised of the derrick hand visually checking the fluid level in the pits periodically using a nut on the end of a rope hanging just above the fluid level in the pit.

7. EVALUATION PROGRAM: *See COA*

Samples: 30' samples to 3000'. 10 samples 3000' to TD.

Logging: GR Neutron 30 degree deviation to surface. Density 30 degree deviation to intermediate casing.

Laterolog 30 degree deviation to intermediate casing. CMR TD to 1780' (Top of Delaware).

Coring: As warranted.

DST's: As warranted.

Mudlogging on from surface casing to TD

8. Abnormal Conditions, Bottom hole pressure and potential hazards:

Anticipated BHP:

From: 0 to 400'	Anticipated Max. BHP: 179 PSI
From: 400' to 2350'	Anticipated Max. BHP: 1246 PSI
From: 2350' to 7630'	Anticipated Max. BHP: 3571 PSI

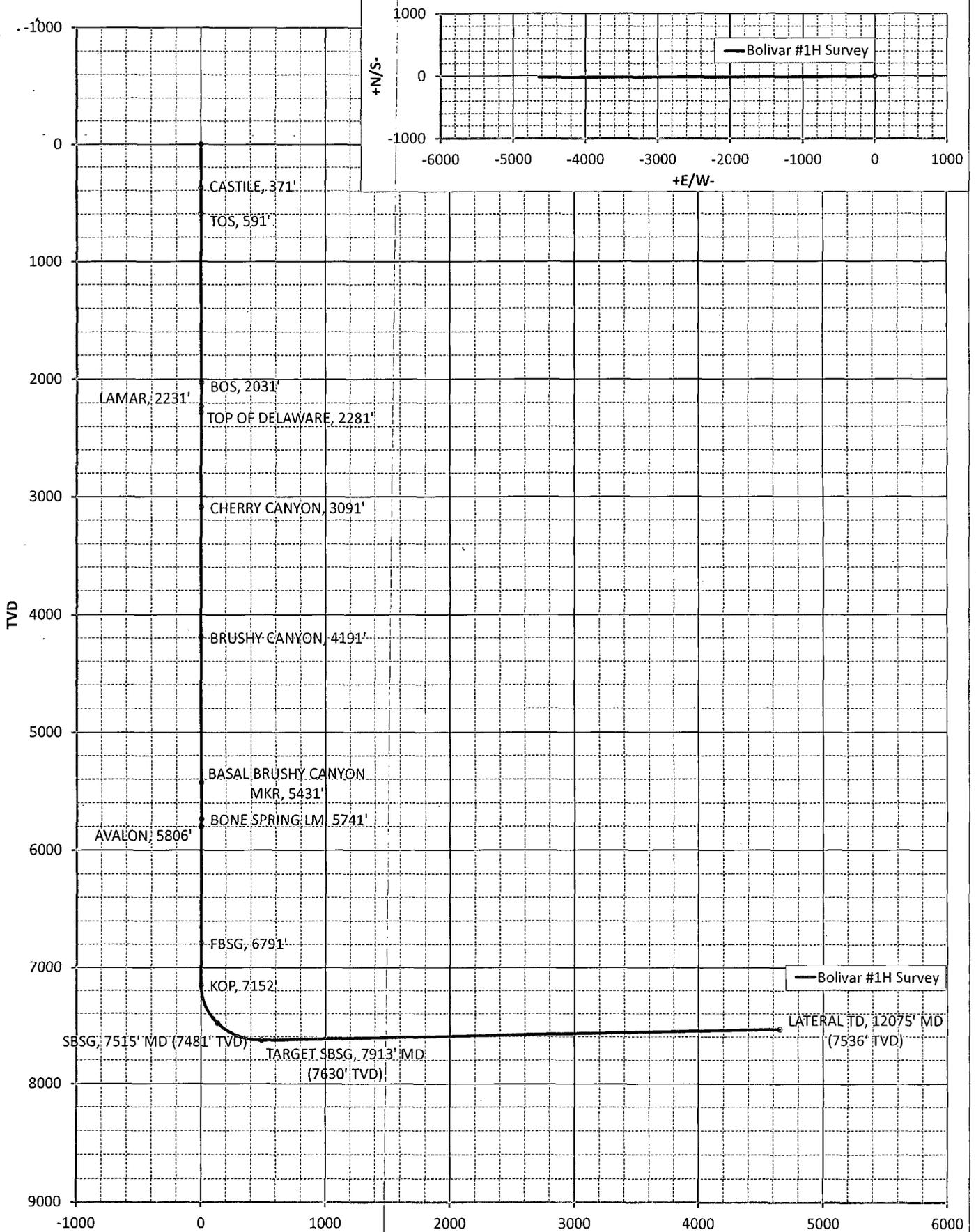
No abnormal pressures or temperatures are anticipated.

Lost Circulation Zones Anticipated: None.

H2S Zones Anticipated: None

9. ANTICIPATED STARTING DATE:

Plans are to drill this well as soon as possible after receiving approval. It should take approximately 65 days to drill the well with completion taking another 30 days.

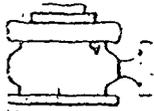


## Survey/Planning Report

<b>Operator</b>	Yates Petroleum Corp.	<b>Northing</b>	<b>Easting</b>	<b>Elevation</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Units</b>	<b>Date</b>	8-Jan-13
<b>Dir. Co.</b>	Yates Petroleum Corp.								<b>System</b>
<b>Well Name</b>	Bolivar #1H Survey	<b>Longitue</b>	<b>Units</b>	<b>Feet</b>				<b>Datum</b>	1983 - NAD83
<b>Location</b>	Sec. 33, 24S-27E							<b>Zone</b>	4302 - Utah Central
<b>Rig</b>								<b>Scale Fac.</b>	
<b>Job</b>								<b>Converg.</b>	

MD	INC	AZI	TVD	+NS-	+EW-	VS@269.85°	BR	TR	DLS
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
371.00	0.00	360.00	371.00	0.00	0.00	0.00	0.00	0.00	0.00
371: CASTILE, 371'									
591.00	0.00	360.00	591.00	0.00	0.00	0.00	0.00	0.00	0.00
591: TOS, 591'									
2031.00	0.00	360.00	2031.00	0.00	0.00	0.00	0.00	0.00	0.00
2031: BOS, 2031'									
2231.00	0.00	360.00	2231.00	0.00	0.00	0.00	0.00	0.00	0.00
2231: LAMAR, 2231'									
2281.00	0.00	360.00	2281.00	0.00	0.00	0.00	0.00	0.00	0.00
2281: TOP OF DELAWARE, 2281'									
3091.00	0.00	360.00	3091.00	0.00	0.00	0.00	0.00	0.00	0.00
3091: CHERRY CANYON, 3091'									
4191.00	0.00	360.00	4191.00	0.00	0.00	0.00	0.00	0.00	0.00
4191: BRUSHY CANYON, 4191'									
5431.00	0.00	360.00	5431.00	0.00	0.00	0.00	0.00	0.00	0.00
5431: BASAL BRUSHY CANYON MKR, 5431'									
5741.00	0.00	360.00	5741.00	0.01	0.00	0.00	0.00	0.00	0.00
5741: BONE SPRING LM, 5741'									
5806.00	0.00	360.00	5806.00	0.01	0.00	0.00	0.00	0.00	0.00
5806: AVALON, 5806'									
6791.00	0.00	360.00	6791.00	0.01	0.00	0.00	0.00	0.00	0.00
6791: FBSG, 6791'									
7152.34	0.00	269.85	7152.34	0.01	0.00	0.00	0.00	3.77	0.00
7152.34: KOP, 7152'									
7200.00	5.72	269.85	7199.92	0.00	-2.38	2.38	12.00	0.00	12.00
7300.00	17.72	269.85	7297.66	-0.05	-22.65	22.65	12.00	0.00	12.00
7400.00	29.72	269.85	7389.04	-0.16	-62.80	62.80	12.00	0.00	12.00
7500.00	41.72	269.85	7470.08	-0.32	-121.07	121.07	12.00	0.00	12.00
7514.83	43.50	269.85	7481.00	-0.34	-131.12	131.12	12.00	0.00	12.00
7514.83: SBSG, 7515' MD (7481' TVD)									
7600.00	53.72	269.85	7537.24	-0.51	-194.92	194.92	12.00	0.00	12.00
7700.00	65.72	269.85	7587.57	-0.74	-281.12	281.12	12.00	0.00	12.00
7800.00	77.72	269.85	7618.88	-1.00	-375.90	375.90	12.00	0.00	12.00
7900.00	89.72	269.85	7629.80	-1.26	-475.12	475.12	12.00	0.00	12.00
7913.09	91.29	269.85	7629.69	-1.30	-488.21	488.21	12.00	0.00	12.00
7913.09: TARGET SBSG, 7913' MD (7630' TVD)									
12074.51	91.29	269.85	7536.00	-12.40	-4648.56	4648.58	0.00	0.00	0.00
12074.51: LATERAL TD, 12075' MD (7536' TVD)									

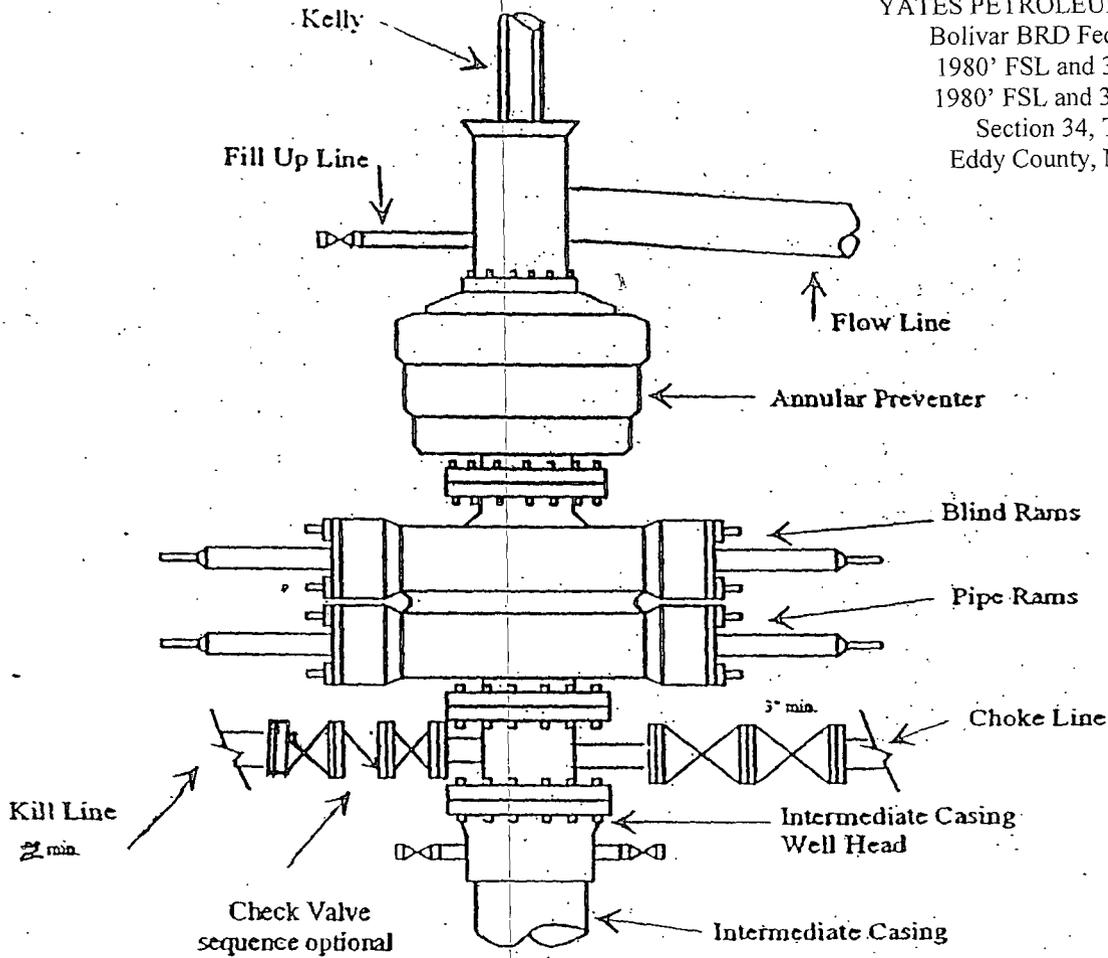




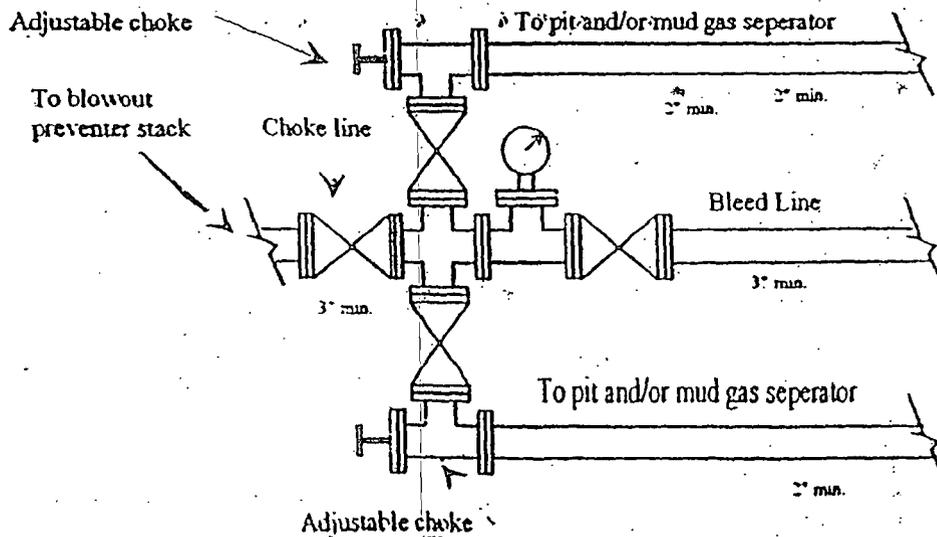
**Yates Petroleum Corporation**  
**Typical 3,000 psi Pressure System**  
**Schematic**  
**Annular with Double Ram Preventer Stack**

BOP-3

YATES PETROLEUM CORPORATION  
 Bolivar BRD Federal Com. #1H  
 1980' FSL and 330' FEL SHL  
 1980' FSL and 330' FWL BHL  
 Section 34, T20S-R25E  
 Eddy County, NM Exhibit C



**Typical 3,000 psi choke manifold assembly with at least these minimum features**



## CONDITIONS OF APPROVAL

SUNDRY dated 2/20/2013

OPERATOR'S NAME:	YATES PETROLUUM CORPORATION
LEASE NO.:	NM106678
WELL NAME & NO.:	1H BOLIVAR BRD FEDERAL COM 3001540742
SURFACE HOLE FOOTAGE:	1980' FSL & 330' FEL
BOTTOM HOLE FOOTAGE	1980' FSL & 330' FWL
LOCATION:	Section 33, T.24 S., R.27 E., NMPM
COUNTY:	Eddy County, New Mexico

Original COA still applies with the following changes:

### A. CASING

Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.).

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) time prior to drilling out for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. See individual casing strings for details regarding lead cement slurry requirements.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

Medium cave/karst potential.

Possible lost circulation in the Castile and Delaware formations.

Possible high pressure gas in the Wolfcamp formation.

1. The 13-3/8 inch surface casing shall be set at approximately 400 feet and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.**
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.
2. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:
  - Cement to surface. If cement does not circulate see B.1.a, c-d above.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.**
3. The minimum required fill of cement behind the 5-1/2 inch production casing is:
  - a. First stage to DV tool:
    - Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.
  - b. Second stage above DV tool:
    - Cement should tie-back at least **500 feet** into previous casing string. Operator shall provide method of verification.
4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

## B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.
  - a. **For surface casing only:** If the BOP/BOPE is to be tested against casing, the wait on cement (WOC) time for that casing is to be met (see WOC statement at start of casing section). Independent Service Company required.
3. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
  - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
  - b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer**. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (18 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
  - c. The results of the test shall be reported to the appropriate BLM office.
  - d. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
  - e. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

**C. DRILL STEM TEST**

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

**D. WASTE MATERIAL AND FLUIDS**

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

**EGF 030413**