

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN (PLUGBACK), OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 S 4 th Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-005-63261
⁵ Property Code 26230	⁴ Property Name Vista AVS State	⁶ Well No 1
⁹ Proposed Pool 1 Wildcat, San Andres		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no A	Section 21	Township 9S	Range 26E	Lot Idn	Feet from the 990	North/South line North	Feet from the 660	East/West line East	County Chaves
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary N/A	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3767'GR
¹⁶ Multiple N	¹⁷ Proposed Depth N/A	¹⁸ Formation Basement	¹⁹ Contractor N/A	²⁰ Spud Date N/A
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
<u>Pit</u> Liner Synthetic <input type="checkbox"/> ____ mils thick Clay <input type="checkbox"/> Pit Volume ____ bbls <u>Drilling Method</u> Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
		IN PLACE			

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

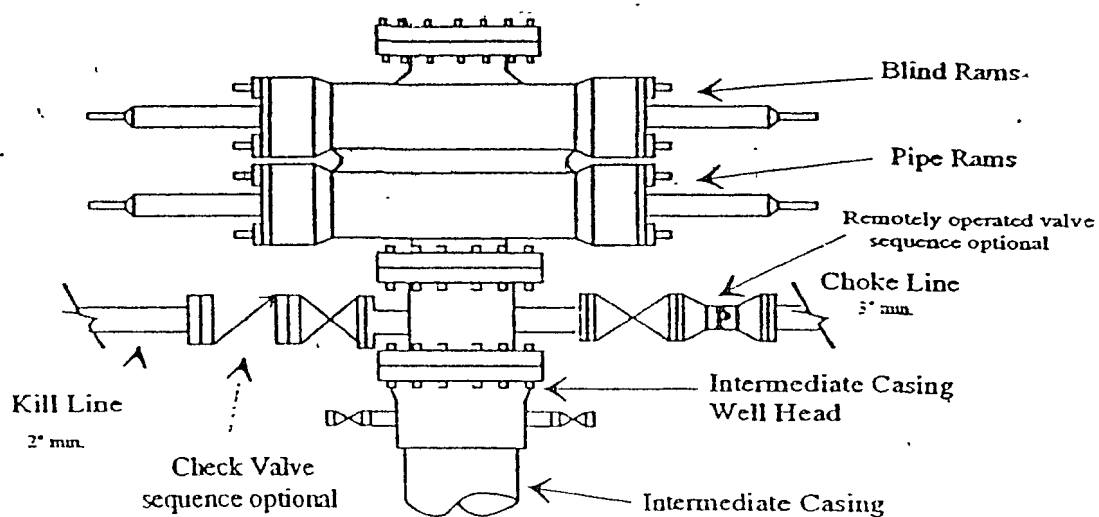
Yates Petroleum Corporation plans to plugback and recomplete this well, if recompleton is unsuccessful, plan to plug and abandon this well as follows: Rig up all safety equipment as needed. Set a CIBP at +/-5304' with 35' cement on top. Spot a 25 sx Class "C" cement plug from 4283'-4383'. This puts a 100' plug across the top of the Abo WOC and tag plug. TOC determined from the bond log was 3313'. Run a CBL from TOC to into the casing shoe. Perforate squeeze holes at +/-2150' TIH with cement retainer and circulate cement to surface with Class "C" cement (approx. 340 sx assuming 35% excess in open hole). Put 35' cement on top of retainer. This will put a plug across the top of the Glorieta. WOC and tag plug. Perforate San Andres 1546'-1550' (10), 1556'-1560' (10) and 1568'-1572' (10). Stimulate as needed. If San Andres is non productive, continue to plugback well to plug and abandon. Set a CIBP at +/-1496' with 35' cement on top. Spot a 25 sx Class "C" cement plug from 1083'-1183'. This puts a 100' plug across the surface casing shoe. WOC and tag plug. Spot a 15 sx Class "C" cement plug from 60' up to the surface. Remove all surface equipment, weld dry hole marker and clean location as per regulations.

OIL CONSERVATION DIVISION

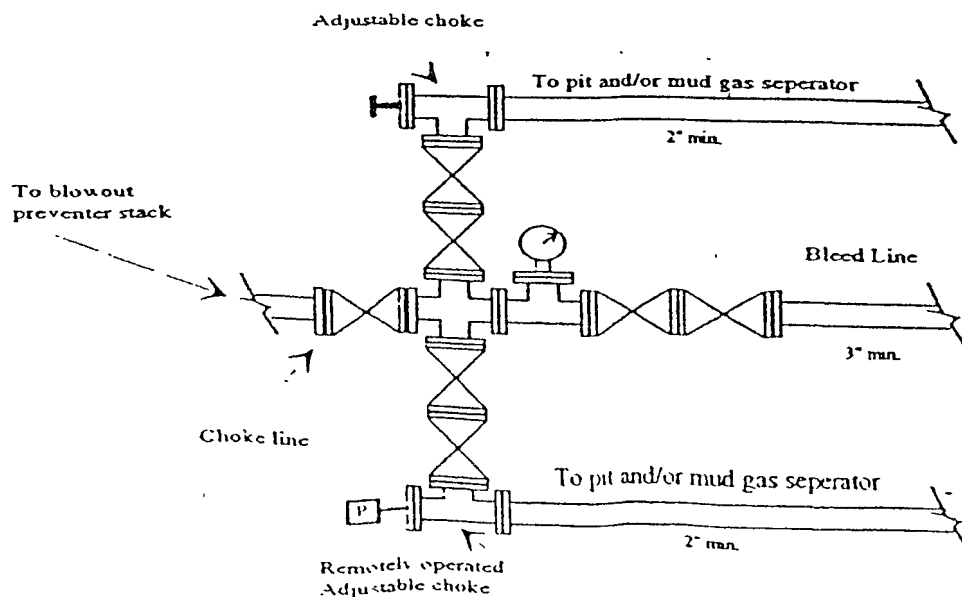
ENTERED
1292
1-9-09

Yates Petroleum Corporation

Typical 3,000 psi Pressure System Schematic



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



WELLNAME: VISTA "AVS" State #1 FIELD: FOOR RANCH
 LOCATION: 990' FNL & 660' FEL, Sec 21, T9S, R26E, CHAVEZ CO, NM.
 GL: 3,767' ZERO: _____ AGL: _____ KB: 3,777'
 SPUD DATE: 10/6/00 COMPLETION DATE: _____
 COMMENTS: _____

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8", 24.0 #/ft, J-55, STC	1,133'
5 1/2", 15.50 #/ft, J-55, STC	6,210'

12 1/4" hole

Glor 2000'
 Cmt retainer
 2100'
 Squeeze holes
 @ 2150'

25 SX, 100' cmt
 Plug 4283'-4383'

7 7/8" hole
 CIBP @ 5304'
 + 35' cmt

CIBP @ 5840'
 + 35' cmt

PBTD: 6,158'

TD: 6,210'

8 5/8" @ 1,133' CMTD w/ 550 SACKS, CMT
 Circ to surface
 San Andres: 1546'-50', 56'-60', 68'-72' (30)

TOC: 3313' (CBL)

AFTER

Wolfcamp "C"
 5,354' - 5,374'
 5,392' - 5,395'

Silurian Dolomite 5890' - 5916'

5 1/2" @ 6,210' CMTD w/ 700 SACKS

- SKETCH NOT TO SCALE -

DATE: 11/6/00 JWP

District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, 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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-63261	² Pool Code 97694	³ Pool Name Wildcat; San Andres
⁴ Property Code 26230	⁵ Property Name Vista AVS State	⁶ Well Number 1
⁷ OGRID No 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 3767'GR

¹⁰ Surface Location

UL or lot no. A	Section 21	Township 9S	Range 26E	Lot Idn	Feet from the 990	North/South line North	Feet from the 660	East/West line East	County Chaves
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¹¹ 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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

¹⁶					¹⁷ OPERATOR CERTIFICATION <i>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</i> Signature: <u>Tina Huerta</u> Date: <u>December 22, 2008</u> Printed Name: <u>Tina Huerta</u>
					¹⁸ SURVEYOR CERTIFICATION <i>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</i> Date of Survey Signature and Seal of Professional Surveyor Certificate Number

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