

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised December 16, 2011

Permit

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

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		² OGRID Number 025575
		³ API Number 30-025-36384
⁴ Property Code 37402	⁵ Property Name Kris BMQ State Com	⁶ Well No. 1

7 Surface Location

UL - Lot D	Section 28	Township 11S	Range 34E	Lot Idn.	Feet from 1300	N/S Line North	Feet From 990	E/W Line West	County Lea
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8 Pool Information

Wellcat: San Andres	WC-025 G-01 5113428A; SAN ANDRÉS	98035
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Additional Well Information

⁹ Work Type P	¹⁰ Well Type O	¹¹ Cable/Rotary N/A	¹² Lease Type State	¹³ Ground Level Elevation 4188'GL
¹⁴ Multiple N	¹⁵ Proposed Depth N/A	¹⁶ Formation San Andres	¹⁷ Contractor N/A	¹⁸ Spud Date N/A
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19 Proposed Casing and Cement Program

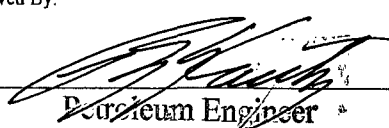
Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
REFER TO ORIGINAL COMPLETION						

Casing/Cement Program: Additional Comments

Yates Petroleum Corporation plans to plugback and recomple this well as follows: NU BOP. Rig up all safety equipment as needed. Set a CIBP at 11,900' with 35' cement on top. TIH open ended to 11,850' and load hole to 6000' with plugging mud. Spot a 100' (25 sx) cement plug from 8900'-8800'. Spot a 100' (25 sx) cement plug from 5900'-5800'. Circulate clean. Run CBL/CCL from PBD to 4700'. Perforate San Andres 4816'-4854' (56). Set packer at 4780'. Swab down. Acidize with 5000g 20% NEFE HCL and 110 ball sealers. Flow and swab and report results. If a frac is warranted, frac down 5-1/2" casing at 60 BPM, max TP of 8000 psi with 137,100g and 94,300# prop (100 mesh, 20/40 brown, 20/20 RC). Frac details attached. Leave frac shut in while rigging down frac equipment. Rig up flow back equipment. Shut in overnight. Flow frac back to remove all frac fluids possible. Turn well to production. Wellbore schematics attached.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Manual BOP	3000 psi	3000 psi	Whichever company is available

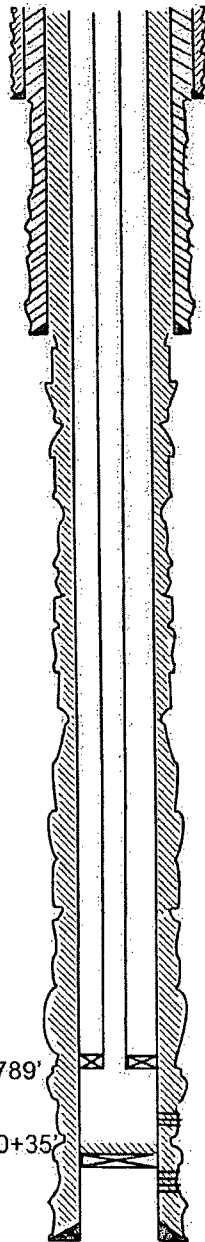
I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ . YPC uses steel tanks only.		OIL CONSERVATION DIVISION	
Signature: 		Approved By: 	
Printed name: Tina Huerta		Title: Petroleum Engineer	
Title: Regulatory Reporting Supervisor		Approved Date: 11/05/13	Expiration Date: 11/05/15
E-mail Address: tinah@yatespetroleum.com			
Date: July 10, 2013	Phone: 575-748-4168	Conditions of Approval Attached	

NOV 05 2013

Stg	Fluid	Stg type	Gallons	Proppant	Conc lb/gal	Stg prop#	Cum prop
3	slick water	pad	13500	none	0	0	0
4	slick water	slurry	2000	100 mesh	0.2	400	400
5	slick water	sweep	1500	none	0	0	400
6	slick water	slurry	2000	100 mesh	0.4	800	1200
7	slick water	sweep	1500	none	0	0	1200
8	slick water	slurry	2000	100 mesh	0.6	1200	2400
9	slick water	sweep	1500	none	0	0	2400
10	slick water	slurry	2000	100 mesh	0.8	1600	4000
11	slick water	sweep	1500	none	0	0	4000
12	slick water	slurry	2000	100 mesh	1.0	2000	6000
13	slick water	pad	2700	none	0	0	6000
14	slick water	slurry	13500	40/70 brown	0.2	2700	8700
15	slick water	sweep	2000	none	0	0	8700
16	slick water	slurry	13500	40/70 brown	0.4	5400	14100
17	slick water	sweep	2000	none	0	0	14100
18	slick water	slurry	13500	40/70 brown	0.6	8100	22200
19	slick water	sweep	2000	none	0	0	22200
20	slick water	slurry	13500	40/70 brown	0.8	10800	33000
21	slick water	sweep	2000	none	0	0	33000
22	slick water	slurry	13500	40/70 brown	1.0	13500	40500
24	slick water	pad	5000	none	0	0	40500
25	slick water	slurry	5700	20/40 brown	1.0	5700	46200
26	slick water	slurry	8000	20/40 brown	2.0	16000	62200
27	slick water	slurry	10700	20/40 brown	3.0	32100	94300
28	slick water	flush	4618	none	0	0	94300

Well Name: Kris BMQ State No. 1		Field:	
Location: 1300' FNL & 990' FWL Sec. 28-11S-34E Lea Co, NM			
GL: 4188'	Zero:	AGL:	KB: 4206'
Spud Date:		Completion Date:	
Comments:			

Casing Program	
Size/Wt/Grade/Conn	Depth
13 3/8" 48# H40	389'
9 5/8" 36&40#	4209'
5 1/2" 17# P110	12580'



13 3/8" csg @ 389' Cmtd w/ 450 sx.
Cmt circ.

CURRENT CONFIGURATION

9 5/8" csg @ 4209' Cmtd w/1400 sx. Cmt circ.

AS-1 pkr@11789'

CIBP@12150+35'
cement

U. Morrow perms 11924-32', 42-50', 88-92'

Morrow perms 12165-70', 76-80', 82-89', 12191-200', 203-07'

5 1/2" csg @ 12580' Cmtd w/2976 sx,

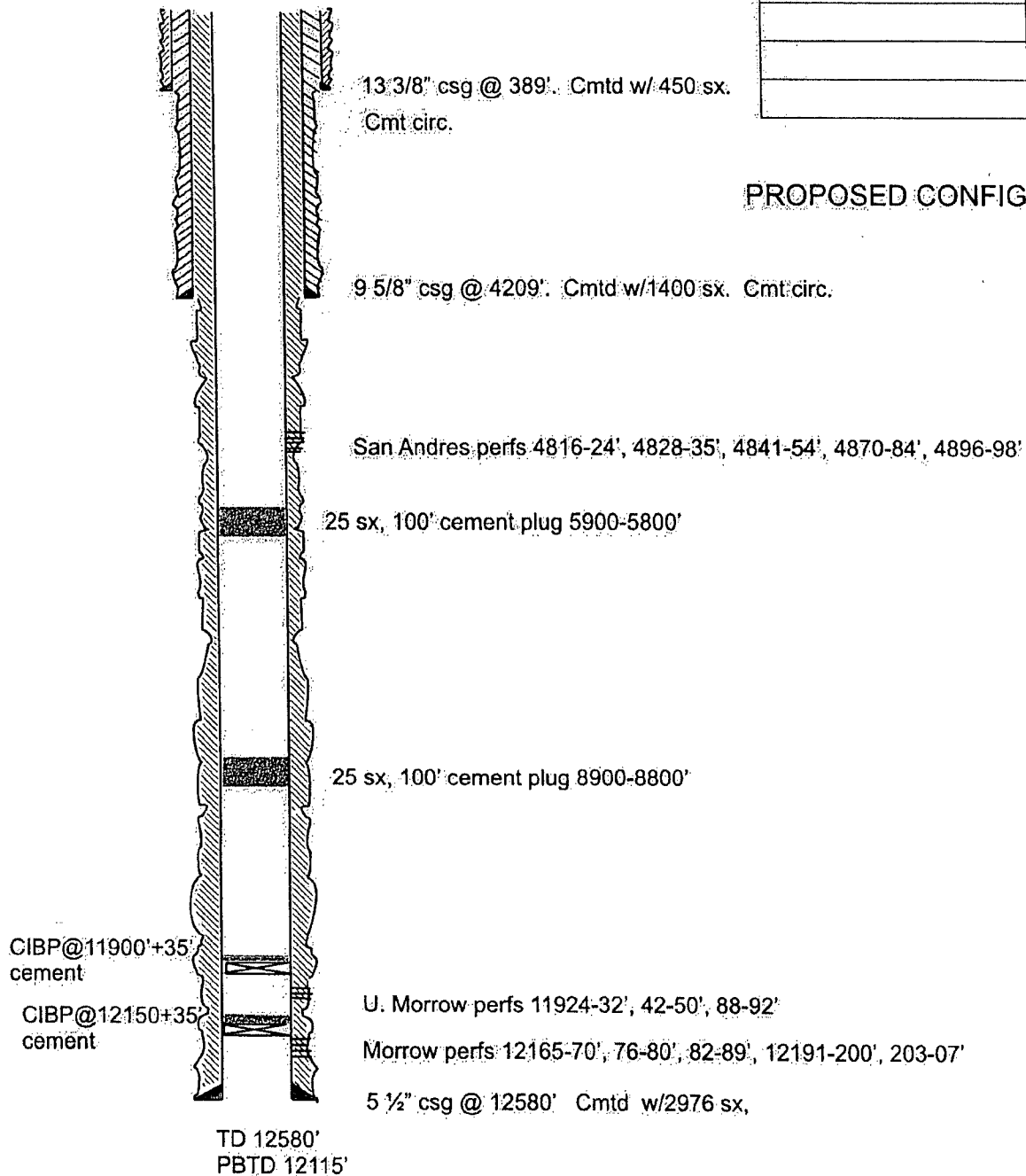
TD 12580'
PBTD 12115'

Date: 4/11/13

Kris1

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Spud Date:		Completion Date:	
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Casing Program	
Size/Wt/Grade/Conn	Depth
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PROPOSED CONFIGURATION

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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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36384		² Pool Code 98035	³ Pool Name WC-025 6601 5113428A; Wildcat, San Andres
⁴ Property Code 37402	⁵ Property Name Kris BMQ State, Com		⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 4188' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	11S	34E		1300	North	990	West	Lea

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.
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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.

			¹⁷ 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. <i>[Signature]</i> July 10, 2013 Signature Date Tina Huerta Printed Name tinah@yatespetroleum.com E-mail Address	
			¹⁸ 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 of Survey Signature and Seal of Professional Surveyor:	
			Certificate Number	