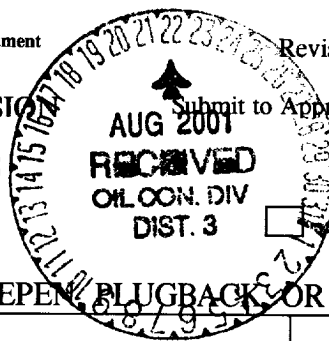


District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
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AMENDED REPORT

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

¹ Operator Name and Address. Williams Production Company c/o Walsh Engineering 7415 E. Main Street Farmington, NM 87401		² OGRID Number 120782
		³ API Number 30-045-30791
⁴ Property Code 17036	⁵ Property Name Cox Canyon Unit	⁶ Well No. 1B

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	16	32N	11W	nw sw	1600'	South	660'	West	San Juan

⁸ Proposed 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
⁹ Proposed Pool 1 Blanco Mesaverde					¹⁰ Proposed Pool 2 Basin Dakota				

¹¹ Work Type Code N	¹² Well Type Code M	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 6871'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 8263'	¹⁸ Formation Dakota	¹⁹ Contractor Aztec Well Service	²⁰ Spud Date When Permitted

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14-3/4"	10-3/4"	32.75 ppf	+/-500'	~450 sx	Surface
9-7/8"	7-5/8"	26.4 ppf	+/-4093'	~640 sx & 310 sx	Surface
6-3/4"	5-1/2"	17.0 ppf	+/-8263'	~270 sx	~3043'

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.

Williams proposes to drill a vertical well w/ a 14-3/4" surface hole w/ water & benex to approx. 500' and set 10-3/4", 32.75#, H-40 casing, cement to surface w/ ~ 450 sx (626 cu.ft.) of Type III, w/ 2% CaCl₂ & 1/4# of CF. Will then drill a 9-7/8" hole to approx. 4093' w/ clear water & Benex. and set 7-5/8", 26.4#, K-55 casing, cement w/ 640 sx (1330 cu.ft.) of 65/35 Type III/Poz w/ 8% gel, & 1/4#/sx CF. Tail w/ 310 sx (428 cu.ft.) of Type III w/ 1/4#/sx CF. Cement volumes calculated to circulate cement to surface. Will then drill 6-3/4" hole to TD @ approx 8263' w/ air. Run open hole surveys. Set 5-1/2", 17#, N-80 casing and cement w/ 270 sx (535 cu.ft.) of Premium Light HS, 1% FL-52, 0.2% CD-32, 1/4#/sk celloflake, 4% Phenoseal, 0.3% R3. Cement volume calculated to bring TOC to approx. 3043'. After 10-3/4" surface is set a 2M (double ram) blowout preventer will be installed & pressure tested to 1500 psi. A 2" kill line & 2" line to a choke manifold will also be installed.

Will test the Dakota & Mesaverde through perforated casing. Will fracture stimulate both Dakota & Mesaverde, the DK/MV zones will be isolated w/ a RBP as well as the PLO & Menefee/CH zones. If productive, the Dakota will be produced thru 2-1/16" tbg w/ a production packer isolating the Dakota from the Mesaverde. The Mesaverde, if productive, will be produced thru 2-3/8" tbg.

Geologic Tops: Ojo Alamo - 1713', Kirtland - 1783', Fruitland - 3098', Pictured Cliffs - 3553', Lewis - 3713', Cliff House 5308', Menefee - 5458', Point Lookout - 5823', Mancos 6208', Gallup 7188', Greenhorn - 7883', Graneros - 7948', Dakota - 8013'

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:
John C. Thompson

Title:
Agent / Engineer

Date:
8/20/01

Phone:
505-327-4892

OIL CONSERVATION DIVISION

Approved by:

Title:
DEPUTY OIL & GAS INSPECTOR, DIST. 3

Approval Date:
AUG 22 2001

Expiration Date:
AUG 22 2002

Conditions of Approval :
Attached ☐

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Form C-102
Revised February 21, 1994

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-30791		*Pool Code 72319 / 71599	*Pool Name Blanco Mesaverde / Basin Dakota
*Property Code 17036	*Property Name COX CANYON		*Well Number 1B
*OGRID No. 120782	*Operator Name WILLIAMS PRODUCTION COMPANY		*Elevation 6871'

¹⁰ Surface Location

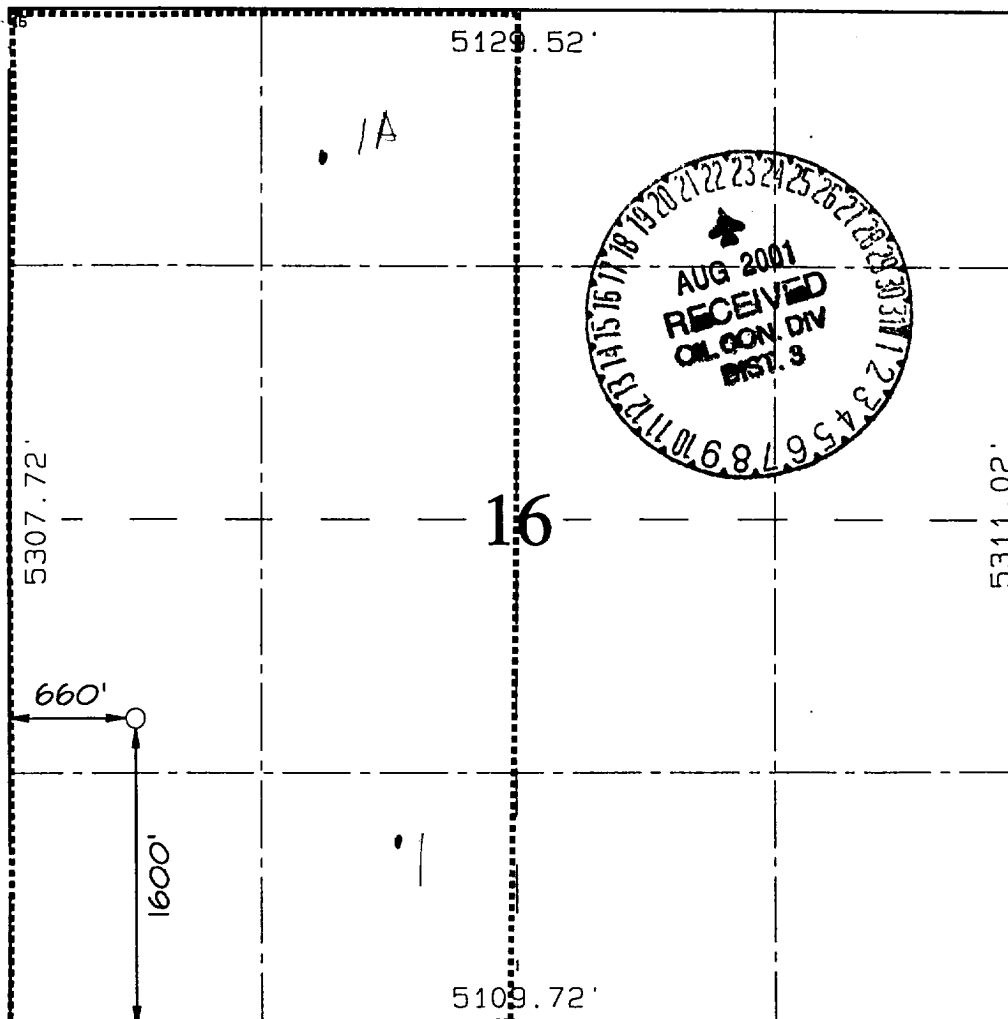
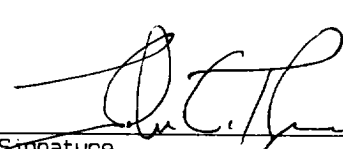

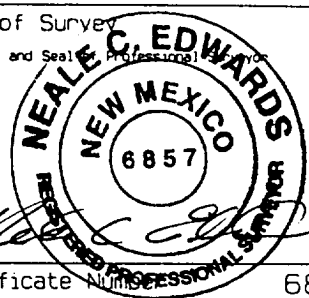
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	16	32N	11W		1600	SOUTH	660	WEST	SAN JUAN

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	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

	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature John C. Thompson Printed Name Agent Title 8/20/01 Date</p>
	<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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>FEBRUARY 13, 2001 Date of Survey  Signature and Seal  Certificate Number 6857</p>

WILLIAMS PRODUCTION COMPANY COX CANYON #1B
1600' FSL & 660' FWL, SECTION 16, T32N, R11W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

