District 1 - (505) 393-6161 16<sup>25</sup> N. French Dr Hobbs, N.M 88240 District II - (505) 748-1283 811 S. First Artesia, NM 88210 District III - (505) 334-6178 1000 Rio Brazos Road Aztec, NM 87410 District IV - (505) 827-7131 2040 S. Pacheco Santa Fe, NM 87505

VII.

## New Mexico

Form C-140 Revised 06/99

Energy Minerals and Natural Resources Department

Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131 SUBMIT ORIGINAL PLUS 2 COPIES TO APPROPRIATE DISTRICT OFFICE

APPLICATION FOR WELL WORKOVER PROJECT

1.		or and We	!!				لتبكــــــــــــــــــــــــــــــــــــ	,		
Operator name & address OGRID Number										
Williams Production Company LLC										
							120782			
Tule	a ÔK	74101								120,02
Contact P		7.41(/1							Phone	
	Řusse	-11							918/	573-6181
							Well Numb 258	er		)39-24646
Rosa	Name a Unit						258		30-0	139-24646
UL :	Section	Township	Range	Feet From The	North/South Line		rom The	East/\	West Line	County
M	22	31N	5W	790'	S	86	55'	W		Rio Arriba
	Workov		9.11							
		mmenced:	Previous	Producing Pool(s) (	Prior to Workover):		<del></del>			
7/7/0										
Date Wor	rkover Con	noleted:	1							
7729	rkover Cor / 00	inplotod.						•		i
III.	Attach	a descripti	on of the	Workover Proc	edures performe	ed to in	crease pr	oducti	on.	
	Attach	a descripti	on doalir	o curvo or table	chowing at least	twelv	e months	of pro	tuction n	rior to the workover and at
IV.	Attach	a producti	on decin	duction following	the workeyer ro	flaatin	a a positiv	o prod	uction in	crease
			is of pro	auction following	the workover re	Hecun	y a positiv	e prou	ucuon in	Crease.
<u>V.</u>	AFFID/				<del></del>					
	State of	f <u>Ok I</u>	ahoma	)						
				) ss.						
	County	of Tul:	sa	)						ļ
	Krist	ine Rus	sell	being first duly	sworn, upon oath	n state	es:			j
	1.	I am the	Operato	r, or authorized r	epresentative of	the O	perator, of	the a	bove-refe	erenced Well.
	2.	I have m	ada or c	raused to be mai	de la diligent sea	rch of	the produ	ction r	ecords re	easonably available for this
	۷.	Well.	aue, or c	auseu to be ma	ac, a amgork ood		and produ	<b></b>		
	_	vveii.		مأطلا محاميات المتانية	analisation and	the de	ata waad ta	nron	era tha ni	roduction curve and/or table
	3.	To the be	est of my	/ knowleage, this	application and	me da	ata useu tu	hieb	ste tile bi	roduction curve and/or table
		for this W	/ell are d	complete and acc	curate.	•				
	1//		-/-	110					_	
Signatu	ıre X/	resten	07	usell	Title Sr. Pro					ate <u>5/24/01</u>
SUBSC	RIBED	AND SW	DRN TO	before me this _	24 day of 7	mas	u_, 2	001	·	
CODOC	J. 410 L.D	,					<del></del>		_	
					Ale	irle	y le.	Ver	ia)	
					Notany D	ublic	7			
Notary Public /										
My Cor	My Commission expires: 10-10-01									
				. <u></u>						
				<del></del>						
FOR OIL CONSERVATION DIVISION USE ONLY:										
VI CERTIFICATION OF APPROVAL:										
	This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the									
	Division become varified the data shows a positive production increase. By copy hereof, the Division notifies the									
	Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was									
	completed on 07-29, 2000.									
completed on O/ 2/ 1/2000.										
_ <del></del>		A			OCD Distr	rict	<del></del>	Da	le .	
Signature	e District S	Wipervisør		2	OCD DISC			Da		
			TH			5			6-2	9-200/
L	$\mathcal{L}_{n}$	aru	<u> </u>	vu						

DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_

In Lieu of Form 3160 (June 1990	DEPARTME	D STATES NT OF INTERIOR ND MANAGEMENT		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
Do not us	SUNDRY NOTICE AND I	5. Lease Designation and Serial No. SF-078770		
	TO DRILL" for permit	for such proposals 070 FARIANGTON, N	6.	If Indian, Allottee or Tribe Name
	SUBMIT IN T	RIPLICATE	7.	If Unit or CA, Agreement Designation ROSA UNIT
1.	Type of Well Oil Well X Gas Well Other		8.	Well Name and No. ROSA UNIT #258 2122 4
2.	Name of Operator WILLIAMS PRODUCTION COMPANY		9.	API Well No. 30-039-24646
3.	3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254			Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4.				County or Parish, State RIO ARRIBA, NM
		FE BOX(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR	OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION				
	Notice of Intent	Abandonment Recompletion		Change of Plans New Construction
	X Subsequent Report	Plugging Back Casing Repair		Non-Routine Fracturing Water Shut-Off
	Final Abandonment	Altering Casing Other <u>Cavitation Complete</u>		Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13.	Describe Proposed or Completed Operations (is directionally drilled, give subsurface location	Clearly state all pertinent details, and give pertinent dates, ions and measured and true vertical depths for all markers	including es and zones p	stimated date of starting any proposed work. If well pertinent to this work.)*
<i>07-07-</i> tbg. Ta	2000 MIRU, blow well down. NDWH, ally in w/ret tool, 10 4 ¾" DC's & 95 jts	NUBOP stack & HCRs. NU blooie lines, pres to 3 ½" DP. Screw into hanger @ 3204' & work f	test BOP ree. TOC	s. Pooh laying down w/107 jts 2 3/8" DH w/4 jts 5 ½" liner, LD same. CO to

run 3 1/2" DP. TIH w/Baker underreamer. RU power swivel

07-08-2000 RU power swivel. Break circ w/20 bph air/soap mist. Underream f/3250'- 3374'. Circ clean. TOOH w/UR, LD same. TIH w/6 1/4" bit & tag 3' of fill. CO to TD. Blow w/air only, PU bit to 3230'. 4 hr natural si = 400 psi. Tag 1' fill & CO. Blow well w/air only, bucket test = 21.5 bph, PU bit to 3230'. Break over w/air only @ 780 psi, ret's gas/air mist w/trace coal. Surge f/3230'(energized) to 700 psi, lt ret's

07-09-2000 Flow natural. Surge f/3230' (3 times) w/air only to 400 psi, pump 5 bph air/soap mist to 700 psi, lt ret's = gas/air mist w/trace coal. Natural surge, 2 hr si = 360 psi, ret's gas mist. Surge f/3230' (3 times) same as above w/same results. Natural surge, 2 hr si = 385 psi, ret's gas mist. Surge f/3230' (2 times) same as before w/same results

Continued on back

14.	I hereby certify that the foregoing is true and correct  Signed	Title Production Analyst	Date	July 31, 2000	
	TRACY ROSSU			ACCEPTED FOR RECORD	
	(This space for Federal or State office use)				
	Approved by	Title		AHE 1 1 2000	
	Conditions of approval, if any:			France Service	

Title 18 U.S.C. Section 1001, makes 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. **OPERATOR** 

07-10-2000 TIH & tag 1' of fill. Surge from 3356' (3 times energized) to 800 psi, ret's lite to trace of coal. Blow well w/air only. TOOH w/bit. Break over w/air only @ 800 psi, ret's lite fine coal. Flow natural, ret's 2" stream clear prod water. Gauge well on 2" open line, all gauges dry & avg 514 mcfd. Flow natural. Break over w/air only @ 880 psi, ret's lt. Flow natural. Q = 514 mcfd

07-11-2000 Flow natural. Surge f/surface 4 times (energized) @ 780 – 880 psi, ret's trace coal. Flow natural, ret's 2" stream clear formation wtr. Natural surge, 4 hr si = 440 psi, ret's gas mist. SI for 4 hr natural surge

07-12-2000 Natural surge (4 times) 1<sup>st</sup> 4 hr si = 430 psi. 2<sup>nd</sup> = 390 psi, 3<sup>rd</sup> = 400 psi, 4<sup>th</sup> = 400 psi, ret's heavy formation water carrying lite fine coal. Flow natural each surge. Shut in f/air only breakover

07-13-2000 Surge w/air only @ 940 psi, (4 .25 hr build up) ret's lite fine coal dust. Surge f/surface 3 times (energized) 2 times to 1020 psi, ret's lite fine coal, 1 time to 900 psi, ret's med-heavy ret's = fine to ¼" size coal. Natural surge, 4 hr si = 440 psi, ret's heavy water. Flow natural, well loading up & unloading on own

07-14-2000 Surge f/surface (energized to 1180 psi, med ret's = 100% coffee ground size coal. TIH & tag 3' of fill. CO on bottom w/10 bph air/soap mist. Blow well w/air only 2 hrs, bucket test = 18 bph. PU bit to 3230'. Flow natural, gauge well on 2" open line, all gauges heavy mist & avg 617 mcfd. Natural surge, 4 hr si = 405 psi, ret's heavy water. TIH & CO on bottom. Surge f/3339' (2 times) w/air only to 880 psi, ret's lite-med fine coal. Q = 617 mcfd

07-15-2000 4 hr natural pressure build, 1 hr-340 psi, 2 hr-400 psi, 3 hr-440 psi, 4 hr-460 psi, surge well, lite coal fines increasing to med fines after 1 hr flow, TIH, tag 3' fill, CO @ TD, returns-lite coal fines, dry well, well making 432 bbl water per day, LD 6 jts DP, Surge 4 times, 1<sup>st</sup>-air mist to 860 psi, returns-lite coal fines, 2<sup>nd</sup>-4<sup>th</sup>-alternate air and 10 bbl water slugs w/ 1 gal soap, pressure to 1060 psi, returns-lite coal fines and water

07-16-2000 Surge to 875 psi and release, returns-coal fines and water, two hr SI-440 psi, release, TIH, CO @ TD, returns-coal fines in gray water, surge 4 times w/ air and 10 bbl water slugs each ½ hr, build time 3 hrs, pressures-1020, 1020, 1080, 1240 psi, returns-coal fines in dark gray water

07-17-2000 Surge 5 times w/ air and 10 bbl water slugs each ½ hr and 1 natural surge, pressures-1180, 1080, 900, 380(2 hr natural), 910 & 900 psi, returns-gas, air and coal dust in gray water

07-18-2000 CO @ TD, returns-lite fines in gray water, dry well, flow test, too wet to gauge, surge 3 times w/ air and 10 bbl water slugs, pressures-880 psi, returns-med coal to fines in gray water

07-19-2000 Surge 5 times w/ air and 40 bbl water 920 psi, returns-lite to med 1/16" coal in black to gray water

07-20-2000 Surge 3 times w/ air and water to 1040 psi, returns-lite to med coal and water, TIH, tag 3' fill, dry well, pitot test on 2" line, 2 psi w/ heavy mist - 869 mcfd (inflated value due to heavy mist), pressure up w/ air to surge

07-21-2000 Surge 6 times w/ air and water to 1280 psi, returns-med coal and water

07-22-2000 Surge 6 times, 5 w/ air and mist, pressures-1100, 820, 800, 800 & 920, 1 3-hr natural to 440 psi, returns-med to heavy coal and water

07-23-2000 Surge 1 time to 1020 psi, returns-lite to med coal. TIH, tag 6' fill, CO @ TD-3373', returns-heavy ¼" coal and shale (95/05) to fines in black to dark gray water. Dry well for pitot test

07-24-2000 Dry well, pitot test through 2" line - 539 mcfd, water rate - 144 bwpd. COOH to DC's, surge 9 times w/ air and water to 1400 psi, returns-heavy coal and water

07-25-2000 Flow back after surge, well bridged off, TIH, tag bridge @ 745', CO bridges to open hole, returns-up to 1" coal and shale, CO open hole to 3339' w/ 1800 scf air and 10 bph mist, returns-heavy 1/4" coal and shale (95/05) to fines in black water

07-26-2000 CO to TD 3373' w/ 1800 scf air and 10 bph mist w/ 5 bbl water sweeps hourly, returns-heavy 1/8" coal and shale (90/10) to fines in black to dark gray water reducing to lite coal in gray water, dry well, LD 6 jts DP

07-27-2000 Pitot test through 2" line - 1065 mcfd, COOH to DC's, surge 7 times w/ air and water to 1000 psi, returns-heavy coal, coal fines and water, TIH, tag @ 3348', CO @ TD, returns-1/4" coal and shale (90/10) to fines in black water. Ran 5 jts (238.89') 5 ½" 17# N-80 8rd casing w/ LA set shoe on bottom, @ 3368' and TIW liner hanger @ 3128'

07-28-2000 CO @ TD-3373', returns-med reducing to lite 1/16" coal in gray water. Dry well, LD 5 jts DP. Pitot test - 539 mcfd. COOH, LD DC's, run liner, wash liner 45', liner became stuck 6' off bottom, LD DP. Perforate w/ Blue Jet the Fruitland Coal w/ 4 SPF, 0.75" diameter holes, 3250'-3256', 3288'-3290', 3308'-3332', 3334'-3367', PU 2 3/8" tubing

07-29-2000 PU tubing and land, ran 106 jts (3316.06') 2 3/8" 4.7# J-55 EUE 8rd tubing set @ 3328.06' w/ expendable check on bottom and 1.81" ID F nipple @ 3295', ND BOP, NU WH, pump off expendable check, release rig @ 0600 hrs 7/29/00

## ROSA UNIT #258 FRCS

wel id		well name	date	Prema
1484	1	ROSA UNIT #258 FR	12/31/1998 0:00	16679
1484	1	ROSA UNIT #258 FR	01/31/1999 0:00	13630
1484	1	ROSA UNIT #258 FR	02/28/1999 0:00	13987
1484	1	ROSA UNIT #258 FR	03/31/1999 0:00	17354
1484	1	ROSA UNIT #258 FR	04/30/1999 0:00	23441
1484	1	ROSA UNIT #258 FR	05/31/1999 0:00	17413
1484	1	ROSA UNIT #258 FR	06/30/1999 0:00	11943
1484	1	ROSA UNIT #258 FR	07/31/1999 0:00	12509
1484	1	ROSA UNIT #258 FR	08/31/1999 0:00	8367
1484	1	ROSA UNIT #258 FR	09/30/1999 0:00	11656
1484	1	ROSA UNIT #258 FR	10/31/1999 0:00	11735
1484	1	ROSA UNIT #258 FR	11/30/1999 0:00	8571
1484	1	ROSA UNIT #258 FR	12/31/1999 0:00	8994
1484	1	ROSA UNIT #258 FR	01/31/2000 0:00	7655
1484	1	ROSA UNIT #258 FR	02/29/2000 0:00	6403
1484	1	ROSA UNIT #258 FR	03/31/2000 0:00	3762
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1484	1	ROSA UNIT #258 FR	12/31/2000 0:00	9027
1484	1	ROSA UNIT #258 FR	01/31/2001 0:00	8852
1484	1	ROSA UNIT #258 FR	02/28/2001 0:00	9680