Hobbs, NM 88240

<u>District II</u> - (505) 748-1283
811 S. First
Artesia, NM 88210

<u>District III</u> - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

<u>District IV</u> - (505) 827-7131
2040 S. Pacheco
Santa Fe, NM 87505

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

١.	Operate	or and We	11					<u> </u>	0		
	or name & a	ddress				•			OGRID N	umber	
Conoc									005073		
	3ox 1267								Conoco C	Cmpl 1884345	
Ponca	ı City, OK	74602								2002042	
									Dhana		
Contact									Phone 580-767-4	4880	
	Pannell						Well Numb	er .	API Numi		
Propert	y Name Com O						12 E		30-045-29		
UL	Section	Township	Range	Feet From The	North/South Line	Feet F	rom The	East/\	Vest Line	County	
A	16	29N	08W	790	North	790		East		San Juan	
11.	Worko	/er	<u> </u>						_		
Date W	orkover Co	mmenced:	l	Producing Pool(s)	(Prior to Workover):						
	01/10/0		Basin i	Dakota							
Date \	Norkover C 01/22/0					_					
III.	Attach	a descripti	on of the	e Workover Prod	edures performe	d to ir	crease pr	oduction	on. See a	ttached.	
IV.	Attach	a producti	on declir	ne curve or table	showing at least	: twelv	e months	of proc	luction pr	ior to the workover and at	
	least three months of production following the workover reflecting a positive production increase. Data tabulation attached.										
	attached. V. AFFIDAVIT:										
V	attached. V. AFFIDAVIT: State of Oklahoma)										
	V. AFFIDAVIT: State of Oklahoma) ss.										
	County	of K	av) 33. 1							
) ss. County of Kay Cristy Pannell being first duly sworn, upon oath states:										
	County of Kay) Cristy Pannell , being first duly sworn, upon oath states: 1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.										
	Cristy Pannell , being first duly sworn, upon oath states:										
		Well.	,		,		•			Ť	
	3.	To the be	est of my	knowledge, this	application and	the da	ita used to	prepa	re the pro	oduction curve and/or table	
	1			complete and ac							
	A.	~ ~	1/2.	110							
Signat		14 X	<u>-100</u>	mer	_ Title <u>Staff /</u>			AHO	MA-NO	ARY PUBLIC	
SUBS	CRIBED	AND SWO	ORN TO	before me this	/2_ day of <u>A</u>	reget		2703		LAURIE	
		i		,				COMM E 05-09-2	Ar.	TAPP	
			M	Xtlllo	Man	/ ublic		-		AY COUNTY	
			U /		Motary P	ublic	i 1•.		11-77	712	
му Сс	ommissio	n expires:						_	#40	W1224	
							 				

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 hereby verifies 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 0/-22, 2002.

Signature District Supervisor	OCD District	Date
Charlie Therm	AZTECI	08-16-2002

Conoco Inc New Mexico Well Workover Application MCF History

Well Workover Date = 01/22/2002

Compl Name - Compl	Compl ID -	Compl Legacy Cd - Compl	API Well Cd - Compl	Rsvr Name - Compl	PUN / SUFFIX	Cnty Name - Compl	Sect	NWT	RNG	Dir
STATE COM O 12E DK	1884345	7228778 12EFRR	300452974900	BASIN DAKOTA (GAS)	1208989 S 4530	SAN JUAN	16	29	œ	٤
STATE COM O 12E MV	2002042	7113415 12ERON	300452974900	BLANCO MESAVERDE	1036695 S 4530	SAN JUAN	16	29	co	8

<u>-</u>	118,432	Sum	
4	6,944	1 Pre Workover Period	12/2001
œ	8,548	1 Pre Workover Period	11/2001
9	8,999	1 Pre Workover Period	10/2001
Ö	8,805	1 Pre Workover Period	09/2001
8	9,628	1 Pre Workover Period	08/2001
4	10,014	1 Pre Workover Period	07/2001
9	9,719	1 Pre Workover Period	06/2001
7	9,597	1 Pre Workover Period	05/2001
9	10,309	1 Pre Workover Period	04/2001
9	11,749	1 Pre Workover Period	03/2001
6	11,206	1 Pre Workover Period	02/2001
4	12,914	1 Pre Workover Period	01/2001
BLANCO MESAVERDE	BASIN DAKOTA (GAS)	Workover Indicator	Production Date

	118,432	Sum:	
	6,944	1 Pre Workover Period	12/2001
	8,548	1 Pre Workover Period	11/2001
	8,999	1 Pre Workover Period	10/2001
	8,805	1 Pre Workover Period	09/2001
	9,628	1 Pre Workover Period	08/2001
	10,014	1 Pre Workover Period	07/2001
	9,719	1 Pre Workover Period	06/2001
	9,597	1 Pre Workover Period	05/2001
	10,309	1 Pre Workover Period	04/2001
	11,749	1 Pre Workover Period	03/2001
	11,206	1 Pre Workover Period	02/2001
	12,914	1 Pre Workover Period	01/2001
BLANCO MESAVERDE	BASIN DAKOTA (GAS)	Workover Indicator	Production Date

56,398	21,982	Sum:	
14,020	7,157	3 Post Workover Period	04/2002
19,514	7,924	3 Post Workover Period	03/2002
22,864	6,901	3 Post Workover Period	02/2002

01/2002

2 Workover Period

Sum:

767 767

2,003 **2,003**

District Office		\	/ E	orgy, Mir	nerals and N	aturai Ko	esources	Depa	rune)	12010	0		Revised	1-1-8
State-Lease - 6 Fee Lease - 5 of DISTRICT I P.O. Box 1980	opies		\mathbf{C}	OIL CO	NSERV			VIS	IO	N	WELL API 30-045-				
i DISTRICT II	\;	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Sant	a Fe, New	Box 20 Mexico		2088			5. Indica	te Type of L			
P.O. Drawer DI	O, Airte:	sia, NM \$82	10	Sam	a10,110W	MOXICO	075012	5000		L			STATE	X	FEI
DISTRICT III. 1000 Rio Brazo	os Rd.,	Aztec, NM	87410								6. State C	il & Gas Le	ase No.		
WE	ELL C	OMPLE	TION OR	RECOM	PLETION R	EPORT	AND L	OG		i					
1a. Type of Well OIL W			S WELL X	_			2002	1°22'2	370			Name or Uni	t Agreeme	nt Name	
1	_	_		,		Æ	18 12 L		٠٤,		STATE (JOINI O	٠		
b. Type of Com	pletion WORK OVER			LUG ACK	diff resvr X] отнате:		B 20							
2. Name of Ope	rator						REC	١١٢		. 5	8. Well No),			
Conoco Inc.						15	OK.	Alie.			2E	ne or Wilde	ot		
3. Address of Opposite P. O. Box 219	perator		oustonTX	77252-21	97	15) 	٠٠ نب اړ تر	•			MESAVE			
4. Well Location		0 30041 1					· Car		c 36						
Unit Le		A: 7	90'	Feet From TI	NORTH		Line s	nd. 79	روا90		Fee	t From The	EAST		
Section				Fownship 2			nge 8W	1 Fla			MPM SAN & <i>RKB, RT,</i>		I 14 Fla	v. Casing	Cour
10. Date Spudded 04/23/2000		1. Date T.D 04/28/200		12. Dat 01/22	e Compl. <i>(Read</i> 2/2002	y to Prod.	6	3. Ele 412'	vation GR	SUPC	X KKD, KI,	GA, etc.)	14. Ele	v. Casing	nead
15. Total Depth			ug Back T.D	<u> </u>	17. If Multi Many Z	ple Compl	l. How	18.	. Interv	vals	Rotary To	ols	, Cable ?	ools	
7626'		760				Oues.			Dime	.u .by	j X	166 W B			
19. Producing Inte	rval(s), /erde	of this com 4698-54	pletion - Top 16'	Bottom, Na	me							20. Was D No	hrectional	Survey M	lade
21. Type Electric a	and Oth	er Logs Run							•		22. Was W No	ell Cored			
23.			C	ASING	RECORI	(Repo	ort all st	ring	s set	in w	vell)				
CASING SI	7F	WEIGH	HT LB./FT.		EPTH SET		OLE SIZE				ENTING F	ECORD	AN	OUNT	PULI
9-5/8"	<u> </u>	36#	11 22	333'		12-1/2)H		225						
7" 4-1/2"		20# 10.5#		3385' 7626'		8-3/4" 6-1/4"			455 431						
4-172		10.5#		1,020											
								1			TI	IDDIC DI	FCORR		
24.		TOD		NER REC	SACKS C	FMFNT	SCRI	FFN	-	25.	SIZE	JBING RI		PACI	KER S
SIZE	+	TOP		OTTOM	SACKS C	LIVILLIVI	50.4			2-3/8		7446'			CLIC D
												<u> </u>			
26. Perforation re	ecord	(interval,	size, and n	umber)								E, CEMEN			
Blanco Mesav attached daily							DEPTH	IINIE	RVA	<u> </u>	Please s	NT AND KI	ned daily	Summ	arv
information.	Jan.,														
					 	 :	<u> </u>							·	
28.	· · · · · ·		Deadus	tion Mathod	PRODU (Flowing, gas			nd tune	2 12111111	2)	 	Well St	atus (Prod	or Shut-	in l
Date First Production 02/02/2002	n ————		Flowing							- MCF	<u> </u>	Produc	ing		
Date of Test 01/21/2002		Hours Test		Choke Size	Prod'n Fo		Oil - Bbl.	# 2	2376	- MCF	14	atei - Dui.		Gas - Oil	Katio
Flow Tubing Press.		24 hrs. Casing Pre		Calculated 2	<u></u>		Gas - M			Water	- Bbl.	Oil Gra	vity - API -	(Corr.)	
0#		360#		Hour Rate	10		2376		4						
29. Disposition of Ga Sold	s (Sold	d, used for fi	iel, vented, e	tc.)								itnessed By be & C. H		ez	
30. List Attachments	D	4									· · · · · · · · · · · · · · · · · · ·				
Daily Summary 11. I hereby certify			tion shown	on both sid	es of this forn	ı is true a	and comple	ete to	the be	est of n	ny knowled	lge and beli	ief		
			4				•			•					
Signature 2	pla	nda	Perez		Printed Yo	landa P	erez			Title	Sr. Regu	latory An	alyst _{Date}	02/18/2	2002
			0				-								

CONOCO State Com O #12E Formation Tops Unit Ltr. A – Sec. 16-T29N-R8W, San Juan Co., NM. KB 6047'

2024	4402
2210	4216
2640	3786
3060	3366
3385	3041
4043	2383
4685	1741
4867	1559
5266	1160
5927	499
6523	-96
7274	-847
7329	-902
7350	-923
7497	-1070
7512	-1085
7606	
	2210 2640 3060 3385 4043 4685 4867 5266 5927 6523 7274 7329 7350 7497 7512

Start 1/10/2002 MRU AVS \$ 376. Held safety meeting. Contacted Ivan Brown (MSO) and retrieved plunger from well. SITP: 110 pst. SICP: Killed well with 25 bbls KCL water. ND free. NU BOP, Title and tagged with 5 js + 4' of tubing (1611). Strapped out of hole will building. SIM= 7445' (ind 10' (RB) SWI-SDON. Tagged bottom (@ 7606'. 1/11/2002 SICP: 200 pst. Bied well down. Killed well with 25 bbls KCL water. RU Bue Jet. RIH and set Fas-Dril plug @ 5500'. Pressur plug, wellhead, casing, and BOP to 3800 pst, test Ok. RIH and perforate 4 1/2' casing in Point Lookout formation with 1/2 spf a follows: 6239-5295-5295-5295. 5355-5295. 5356-5362; 5365-5402; 5412-5416'. Cy holes; FLVL work of after perfor SWM-SDON. 1/1/3/2002 1/1/3/2002 Heated frac tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac Tanks for frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac job on Monday 1/1/4/2002. 1/1/3/2002 Heated frac job on Monday 1/1/4/2002. 1	30040207	4900	SAN JUAN	NE	W MÉXICO	NMPM-29N-8W-16-A	790.0	NS Flag N	790.0	- [-
Intro Intr		2.00		2000	Rig Release Date	Latitude (DMS)		Longitude (DMS)		
Introduction										
Killed well with 25 bbls KCL water: ND free. NU BOP. TIH and tagged with 5 jt; + 4' of tubing (1617). Strapped out of hole with ubing, SLM=7445 (ind 10 KB) SWM-SDON. Tagged bottom@ 76068. 1/11/2002 SiCP: 200 psi. Bled well down. Killed well with 25 bbls KCL water. RU Blus Jet. RIH and set Fas-Dril plug @ 5500'. Pressure plug, wellhead, casing, and BOP to 3800 psi, test OK. RIH and perforate 4 1/2' casing in Point Lookout formation with 1/2 spf a follows: 5293-5299, 5323-5329; 5354-5392; 5398-5402; 5412-5416* (27 holes) FLVL was 400' after perfg. SWM-SDON.		MOLL	NA/C # 276 Hel	1 enfaty	meeting Cont	Ops This Rpt	eved plunger fr	om unit CIT	D: 440	CIOD
SicP: 200 psi. Bled well down. Killed well with 25 bbls KCL water. RU Blue Jet. RIH and set Fas-Dril plug @ 5500*. Pressure plug, wellhead, casing, and BOP to 3800 psi, test OK. RIH and perforate 4 172* casing in Point Lookout formation with 172 spr a follows: 5293*-5299*, 5323*-5392*, 5394*-5392*, 5398*-5402*, 5412*-5416*. (27 holes) FLVL was 400* after perfig. SWI-SDON. Heated fract lanks for frace jbb on Monday 1/14/2002 174/2002 76 hr SiCP: Vacuum. RU BJ Services, Blue Jet, Slinger. Held safety meeting. Attempt to pressure test lines and accustor on isolation tool broke. Walled 2 hrs for another accustor. Tested lines for 45 mins having to isolate individual pumps to find leaks Tested lines to 7200 psi. Test OK. Pumped into PLO perfs for breakdown @ 12 BPM @ 1150 psi. Increased rate to 21 BPM @ 5500-758 psi. BAlled out perfs with 33 ball sealers. RO Slinger. RIH with junk basket to retrieve balls. Retrieved 33 balls. 33 - RU Stinger isolation tool. Re-test lines. Performed step rate test as follows: First step: 31 BPM @ 1050 psi. Second step: 23 BP 268 psi. Shut down. ISIP: Vac. FCB-441. Fracd* PLO perfs with 456 bbis 258 gelled 2% KCL water. 443,613 scf Nz +91,2761 2040 sand. Min: 1190 psi. Max: 1575 psi. Alik: 36 BPM @ 1400 psi. ISIP: Vac. RD Stinger. RIH and set 4 127* Fas-Dril plug 5200*. Pressure test plug to 3800 psi. test OK. SVIN-SDON. 1715/2002 11 hr SiCP* 0 psi. Held safety meeting with Bilue Jet. RiH and perforated 4 1/2* casing in Menetice formation with 1 run of select plus psi. Balled out. Good breaks during ball job. RD Stinger. RIH with junk basket. Retrieved 41 ball sealers. Stone 40: 259 psi. Balled out. Good breaks during ball job. RD Stinger. RIH with junk basket. Retrieved 41 ball sealers. 31 hits. RU Stinger. Re-test lines to 5000 psi. Performed step rate test as follows: 40 BPM @ 2250 psi. SpP M@ 0150 psi. SpP. vac. RD Stinger. Re-test lines to 5000 psi. Performed step rate test as follows: 40 BPM @ 2250 psi. SpP M@ 0150 psi. SpP. vac. RD Stinger. RH With Junk basket and retr	1/10/2002	Killed	well with 25 bbls	KCL wat	ter. ND tree. N	NU BOP. TIH and tagged with 5 jts	s + 4' of tubing	(161'). Strap	ped out of h	ole wit
plug, wellhead, casing, and BOP to 3800 psi, test OK. RIH and perforate 4 1/2" casing in Point Lookout formation with 1/2 spf a follows: 5293-5299; 5293-5394-5395, 5395-5402; 5412*-5416" (27 holes) FL/L was 400" after perfg. SWN-SDON. 1/13/2002 Heated frac tanks for frac job on Monday 1/14/2002. 1/14/2002 1/14/2002 1/16 the SicP. Vacuum. RU BJ Services, Blue Jet, Slinger. Held safety meeting. Attempt to pressure test lines and accuator on sholation tool broke. Waited 2 hrs for another accuator. Tested lines for 476 mins having to isolate individual pumps to find leaks Tested lines to 7200 psi. Test OK. Pumped into PLO perfs for breakdown @ 12 BPM @ 1150 psi. Increased rate to 21 BPM @ 3500-765 psi. Balled out perfs with 33 ball sealers. RD Slinger. RIH with junk basket to retrieve balls. Retrieved 33 balls, 33 RU Singer isolation tool. Re-test lines. Performed step rate test as follows: First step: 31 BPM @ 1050 psi. Second step: 23 BP 268 psi. Shut down. ISIP: Vac. FG=-441. Frac'd PLO perfs with 456 bbls 25# gelled 2% KCL water + 443,613 scf N2 + 91,276 (20/4) sand. Min: 1190 psi. Max: 1575 psi. AIR: 36 BPM @ 1400 psi. ISIP: Vac. DStinger. RIH and set 4 1/2" sasing in Menefee formation with 1 run of select 1/2 spf as follows: 4910-4920/, 4989-4997, 5046-5058*, 5078-5090*, 5138-5164* (34 holes). RU Stinger isolation tool. Held s meeting with ALL personnel. Pumped into Menefee perfs for breakdown with KCL water. Perfs broke @ 2.5 BPM @ 1505 psi. Pumped 1750 gals 15% HCL acid dopping 41 1.3 SG ball sealers. Displaced dut Wick Eq. 51 BPM @ 1075-3500-480-3; osi. Balled out. Good breaks during ball job. RD Stinger. RIH with junk basket. Retrieved 41 ball sealers, 31 hist. RU Stinger. Re-test lines. Part Drill pulg @ 4880-7 Pressure test plug to 3800 psi. (Nc Herrieved 41 ball sealers, 31 hist. RU Stinger, Re-test lines. Part Drill pulg @ 4880-7 Pressure test plug to 3800 psi. (Nc Herrieved 41 hist. 25 BPM @ 900 psi. and droppy 41 1.3 SG ball sealers. Drill pulg with Blue aleft. Solopsis. Hist. Ru Stinger. Re-test li	1/11/2002	SICP: 2	200 psi. Bled we	ii down.	Killed well with	25 bbls KCL water. RU Blue Jet	. RIH and set I	as-Dril plug	@ 5500'. Pi	ressur
Heated frac tanks for frac job on Monday 1/14/2002 February		blug, w	ellhead, casing, a	and BOP	' to 3800 psi, te	est OK. RIH and perforate 4 1/2" o	asing in Point L	.ookout forma	ation with 1/2	2 spf a
isolation tool broke. Waited 2 hrs for another accuator. Tested lines for 47 mins having to isolate individual pumps to find leasks Tested lines to 7200 psi. Test OK. Pumped into IP.O perfs for breakdown @ 12 BPM @ 1150 psi. Increased rate to 21 BPM @ 3500-765 psi. BAlled out perfs with 33 ball sealers. RD Slinger. RIH with junk basket to retrieve balls. Retrieved 33 balls, 33 at RU Slinger isolation tool. Re-test lines. Performed step rate test as follows: First step: 31 BPM @ 1050 psi. Second step: 23 BP 288 psi. Shut down. ISIP: Vac. FG=.441. Frac/d PLO perfs with 456 bbls 25# gelled 25% KCL water + 443,813 scf N2 - 91,276 22/40 sand. Min: 1190 psi. Max: 1575 psi. Alr: 36 BPM @ 1400 psi. ISIP: Vac. RD Slinger. RIH and set 4 1/2" Fas-Dril plug 5200*. Pressure test plug to 3800 psi. test OK. SWI-SDON. 17 In SiCP: 0 psi. Held safety meeting with Blue Jet. RIH and perforated 4 1272 casing in Menefee formation with 1 run of select 1/2 spf as folloows: 4910*4920*, 4989*4997*, 5046*-5036*, 5078*-5090*, 5138*-5154* (34 hotes). RU Stinger sloation tool. Held s meeting with ALL personnel. Pumped into Menefee perfs for breakdown with KCL water. Perfs broke @ 2.5 BPM @ 1550 psi. Pumped 755 gals 15% HCL acid otopping 41:13. SG ball sealers. Displaced advith KCL water. 20 BPM @ 1075-3500-480-3* psi. Balled out. Good breaks during ball job. RD Stinger. RIH with junk basket. Retrieved 41 ball sealers, 31 hits. RU Stinger. Re-test lines to 5000 psi. Performed step rate test as follows: 40 BPM @ 2250 psi. Second step: 29.3 @ 1120 psi. Third step: 1 BPM @ 80 psi. Shut down. ISIP: Vac. FG=.44 Frac*d Menefee perfs with 804 bbls 25# Linear gelled 2 % KCL water foramed to 6 with 4699.200 scf N2 + 136806 bits 2040 sand. Min: 1490 psi. Max: 1938 psi. Linear gelled 2 % KCL water foramed to 6 with 4699.200 scf N2 + 136806 bits 2040 sand. Min: 1490 psi. Max: 1938 psi. Linear spile 2 psi. SiPm year psi. Pressure broke back to 765 psi. Increased rate to 21.5 BPM @ 900 psi and dropp of 11 sip. 195 psi. 195 psi. 195 psi. 1979. Psi. 195		Heated	frac tanks for fra	c job on	Monday 1/14/2	2002.				
1/15/2002 1/1 for SiCP: 0 psi. Held safety meeting with Blue Jet. RIH and perforated 4 1/2" casing in Menefee formation with 1 run of select 1/2 spf as folloows: 4910*-4920*, 4989*-4997*, 5046*-5056*, 5078*-5090*, 5138*-5154* (24A holes). RU Stinger solation tool. Held is meeting with ALL personnel. Pumped into Menefee perfs for breakdown with KCL water. Perfs broke @ 2.5 BPM @ 1650 psi. Pumped 1750 gals 15% HCL acid dopping 41 1.3 SG ball sealers. Displaced acid with KCL water, 20 BPM @ 1075-3500-480-3; psi. Balled out, 6000 breaks during ball job. RD Stinger. RIH with junk basket. Retrieved 41 ball sealers, 31 hits. RU Stinger. Re-test lines to 5000 psi. Performed step rate test as follows: 40 BPM @ 2250 psi. Second step: 29.3 @ 1120 psi. Third step: 1 BPM @ 80 psi. Shut down. ISIP: Vac. FG= 44 Frac'd Menefee perfs with 804 bis! 25# Linear gelled 2 % KCL water foamed to 6 with 489,200 scf N2 + 136806 lbs 20/40 sand. Min: 1490 psi. Max: 1938 psi. AIR: 50 BPM @ 1725 psi. ISIP: vac. RD Stinger. and set Fas-Dril plug @ 4880: Pressure test plug to 3800 psi. OK. Perforated 4 1/2" casing in Cliffhouse formation with 1 run selective. Increased rate to 21.5 BPM @ 900 psi and droppe 41.1 35 Sc ball sealers, balled out to 3700 psi. Shut down. ISIP: 0 psi. RD Stinger. RIH with junk basket and retrieved 39 balls. RL Stinger. Re-test lines. Performed step rate test as follows: First step: 35 BPM @ 2078 psi. Second step: 24 BPM @ 1050 psi. The step: 15 BPM @ 460 psi. ISIP: 45 psi. FG= 44 Frac'd Cliffhouse perfs with 840 bbls of 25# linear gelled KCL water foamed to 65 with 708,200 scf N2 + 151,206 lbs 20/40 sand. Min: 1550 psi. Max: 2400 psi. AIR: 44.5 BPM @ 1900 psi. ISIP: 1550 psi. 5 min: 16/2002 10/16 bill bloocy line, dug pits, and rigged up all air equipment. 10/17/2002 10/16 bill bloocy line, dug pits, and rigged up all air equipment. 10/17/2003 10/17/2004 10/17/2005 10/17/2006 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 10/17/2007 1	1/14/2002	isolation Tested I 3500-76 RU Stine 268 psi. 20/40 sa	n tool broke. Wa lines to 7200 psi. 55 psi. BAlled ou ger isolation tool Shut down. ISIF and. Min: 1190 p	ited 2 hm Test Oi it perfs w Re-test S: Vac. F si, Max:	s for another ac K. Pumped into ith 33 ball seal lines. Performa G=.441. Fracto 1575 psi. AIR	ccuator. Tested lines for 45 mins o PLO perfs for breakdown @ 12 ers. RD Stinger. RIH with junk be ed step rate test as follows: First so d PLO perfs with 456 bbls 25# gel : 36 BPM @ 1400 psi. ISIP: Vac.	having to isolat BPM @ 1150 p asket to retrieve step: 31 BPM @ led 2% KCL wa	e individual p si. Increased balls. Retric 1050 psi. S iter + 443.613	umps to find d rate to 21 i eved 33 bails econd step: 3 scf N2 + 9	l leaks BPM @ s, 33 h 23 BP 1,276 l
1046. 10 min:970 psi. 15 min: 950 psi	1/15/2002	1/2 spf a meeting Pumped psi. Balk Re-test li BPM @ 8 with 489 and set F fire, 1/2 s KCL wate 41 1.3 SG Stinger. I step: 15 E	is folloows: 4910 with ALL person 1750 gals 15% I ed out. Good breines to 5000 psi. Shut down, 200 scf N2 + 13 as-Dril plug @ 4 pf as follows: 46 er for breakdown. S ball sealers, baretest lines. Per BPM @ 460 psi.	'-4920', 4 nel. Pun ICL acid aks duri Perform m. ISIP: 6806 lbs 880'. Pre 98'-4708 95 BPM lifed out i formed s	1989'-4997', 50 nped into Mene I dopping 41 1. ng ball job. RD ned step rate te Vac. FG=.44 F 20/40 sand. Nessure test plug ', 4730'-4740', @ 3200 psi. Pr to 3700 psi. Shi step rate test as psi. FG=.44 F	46'-5058', 5078'-5090', 5138'-515 fee perfs for breakdown with KCL 3 SG ball sealers. Displaced acid Stinger. RIH with junk basket. R st as follows: 40 BPM @ 2250 ps Frac'd Menefee perfs with 804 bbl Ain: 1490 psi. Max: 1938 psi. AIR to 3800 psi, OK. Perforated 4 1/4779'-4783', 4808'-4822', 4834'-41 essure broke back to 785 psi. Incut down. ISIP: 0 psi. RD Stinger. s follows: First step: 35 BPM @ 20 rac'd Cliffhouse perfs with 840 bb	4' (34 holes). F. water. Perfs b. with KCL wate etrieved 41 balls. Second step: 525# Linear ge: 50 BPM @ 172" casing in Clis 352'. (33 holes treased rate to RIH with junk b 078 psi. Seconds of 25# linear	RU Stinger Ison roke @ 2.5 E r, 20 BPM @ 1.5 E sealers, 31 F 29.3 @ 1120 lled 2 % KCL 25 psi. ISIP: ffhouse formatotal). Pump 21.5 BPM @ asket and ret d step: 24 BP gelled KCL w	valation tool. In the state of	Held s:) psi, 480-35 ger, step: 1 ed to 6 nger, lun sels perfs w droppe ills, RU ssi, Th
39 hr SiCP: 400 psi. Opened well to pit and flowed to pit. Bled well down to 300 psi. Killed well with 30 bbls KCL water. TiH with 7/8" bit, bit sub, (6) 3 1/8" OD DC's, XO on 2 3/8" tubing. Tagged @ 4856'. Built mist and broke circulation. Cleaned out f/ 4856'-4886'. Drilled Fas-Dril plug f/ 4886'-4888'. TiH and tagged @ 5152'. Cleaned out from 5152'-5200'. Blew hole clean. PUH 4632'. SWI-SDON. 18/2002	16/2002	1046. 10 Built bloos	min:970 psi. 15 ev line, dua pits,	min: 950 and rigo) psi ed up all air eq	uipment.				 -
18/2002 13 hr SICP: 750 psi. Bled well down. TIH & tagged @ 5188'. No fill over perfs. , Built mist and broke circulation. Cleaned out f/ 5188'-5200'. PUH to 4632'. Flow test well to pit as follows: THIS TEST INFO IS NOT TO BE USED FOR C-104. THIS IS FOR ENGINEERING PURPOSES ONLY. Flow test 4 hrs. Choke: 1/2" FCP: 280 psi. SITP: 0 psi. Perfs: 4698'-4852' (CH) 4910'-5154' (MEN) Water: 16 bbls Oil: 0 bbls Est'd flow rate: 1848 mcf/d Witnesses: Mark MAbe & Cresencio Hernandez TiH & drilled Fas-Dril plug f/ 5200'-5202'. TiH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd		7/8" bit, bi 4856'-488	t sub, (6) 3 1/8" (6'. Drilled Fas-D	DD DC's	, XO on 2 3/8" i	tubing. Tagged @ 4856'. Bulit mis	t and broke circ	ulation. Clea	ned out f/	
SITP: 0 psi. Perfs: 4698'-4852' (CH) 4910'-5154' (MEN) Water: 16 bbls Oil: 0 bbls Est'd flow rate: 1848 mcf/d Witnesses: Mark MAbe & Cresencio Hernandez TIH & drilled Fas-Dril plug f/ 5200'-5202'. TIH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd		5188'-520 ENGINEE Flow test 4 Choke: 1/2	0'. PUH to 4632'. RING PURPOSE I hrs. !"	Flow tes	st well to pit as	ed @ 5188'. No fill over perfsBu follows: THIS TEST INFO IS NOT	uilt mist and bro	ke circulation FOR C-104.	Cleaned of THIS IS FOR	ut f/ R
4910'-5154' (MEN) Water: 16 bbls Oil: 0 bbls Est'd flow rate: 1848 mcf/d Witnesses: Mark MAbe & Cresencio Hernandez TIH & drilled Fas-Dril plug f/ 5200'-5202'. TIH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd	ķ	SITP: 0 ps	i.							
Oil: 0 bbls Est'd flow rate: 1848 mcf/d Witnesses: Mark MAbe & Cresencio Hernandez TIH & drilled Fas-Dril plug f/ 5200'-5202'. TIH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd	k	1910'-5154	' (MEN)							
Est'd flow rate: 1848 mcf/d Witnesses: Mark MAbe & Cresencio Hernandez TIH & drilled Fas-Dril plug f/ 5200'-5202'. TIH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd			bbls				•			
TIH & drilled Fas-Dril plug f/ 5200'-5202'. TIH and tagged sand @ 5423'. Broke circulation and cleaned out f/ 5423'-5500'. Circ'd	E	Est'd flow r		resencio	Hernandez					
	· jī	IH & drille	ed Fas-Dril plug f	/ 5200'-5	202'. TIH and	tagged sand @ 5423'. Broke circ	ulation and clea	ned out f/ 542	23'-5500'. Ci	irc'd
					1				i	
					!				!	
	1									i
	1									
	ı									•

API 30045297	4900	County SAN JU	JAN State	e/Province NEW MEXICO	Surface Legal Location NMPM-29N-	BW-16-A	NS Dist. (ft) 790.0	NS Flag N	EW Dist. (ft) 790.0	EW Flag
Ground Elev (ft) 641:	2.00	Spud D	ate 4/22/2000	Rig Release Dat	e Latitude (DMS)			Longitude (DMS		
	Januari se			e e e e e e e e e e e e e e e e e e e	Ops Th	- D-4				
Start 1/21/2002	Chol FCP SITF Perfs Wate Oil: 0 Rate: Witne Tubin	ke: 1/2" : 360 psi. : 0 psi. : 4698'-4852' 4910'-5154' 5293'-5416' r: 4 bbls bbls 2376 mcf/d esses: Mark N	(CH) (MEN) (PLO) labe & Cred d @ 7445'.	est well as follows sencio Hemandez @ 5500°. Drilled (:		@ 7602'. N	o fill. TOH &	LD DC's. SV	M-SDON.
22/2002	tubina	(replaced 12	its tubing t	hat would not drif	well on jet. TIH with 2 t). Landed tubing @ If shut pending DHC.	7446'. ND BO	P. NU tree.	Rig down blo	oev line and	prep to
				,	•					
						· :	•			•
arvett	Ė	<u>.</u>	e ee .	er eg e	e eg alemane eg	Ma surta		: **	٠.	1
		•-								
					!					
								·		
										ı

Submit to Appropriate
District office
State Lease - 6 copies
Fee Lease - 5 copies DISTRICT I P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

il	M			Prm C-105 Revised 1-1-89
PA P	9 1 8 8	y w	• •	

WELL API NO.

P.O. Box 1980, Hobb	s, NM 88240		OIL CONS	SERVA	TION DI	VISIO	-	30-	045-297	49	
DISTRICT II P.O. Box DD, Artesia	NM 88210			040 Pact			5			PE OF LE	
•	, , , , , , ,		Sar	ita Fe, N	IM 87505				TE O		
DISTRICT III 1000 Rio Brazos Rd.,	Aztec, NM 87410									GAS LEA	SE NO.
WEL	L COMPLETI	ON OR RE	COMPLETIO	N REPO	RT AND L	.OG				-	
1a. TYPE OF WELL		<u> </u>					7	. LEAS	SE NAME	OR UNIT	AGREEMENT NAME
OIL WELL	GAS WE	LT 🔀	DRY 📙	OTHE	:R			Sta	ate Com	0	
	WORK		PLUG	DIFF	. 🗀 💍						
WELL 2. NAME OF OPE		EPEN	BACK	RESVE	(011	HER	8	WEL	NO		
CONOCO, IN							-	#1:			
ADDRESS OF							9.			R WILDO	AT
P.O. Box 2	197, DU 3066,	Houston, T	X 77252-219	97 (2	81) 293-1	613	-	Ba	sin Dak	ota	
i. WELL LOCATIO											
Unit Letter	A :790' Fee	t From The 1	NORTH Line ar	nd <u>790'</u> Fe	et From The	e EAS	TLine				
Section 16	Township 29N	Range 8W N	IMPM San Jua	n County							
O. DATE SPUDDED			12. DATE COM	PL. (Ready I	to prod.)	13. E	ELEV. (FE, RKB,	RT, GE	, etc.)	14. EL	.EV. CASINGHEAD
4-23-00	4-2	28-00	<u> </u>	5-12-00		l	6412			<u> </u>	
5. TOTAL DEPTH	2001	16. PLUG, B			17. IF MUL ZONES		COMPL. HOW M	ANY		ITERVALS OTARY	DRILLED BY CABLE
76	328'		7606'						ļ	OOLS	TOOLS [
9. PRODUCING IN	TERVAL(S) OF THIS	COMPLETION	- TOP, BOTTOM,	NAME	1						VAS DIRECTION
Basin Dakota	7352' - 7549'								•	s	SURVEY MADE
1. TYPE ELECTRIC	AND OTHER LOG	S RUN								22. V	VAS WELL CORED
CBL Log	<u></u>				h.					<u> </u>	
3.			CASING RE	CORD (R		ings s	et in well)		2000		
CASING SIZE 9 5/8"	WEIGHT, I		DEPTH SET		12 1/2*			TING RE			AMOUNT PULLED
7"	20#		3385'		8 3/4"			55 sxs			
4 1/2"	10-5	¥	7629'		6 1/4"		4	31 SXS			
	LINE	R RECORD	 		·-·		25.		TUBI	NG RECO	- IRD
SIZE	TOP	BOTTO	M SACKS	CEMENT	SCREE	EN	SiZE		DEF	TH SET	PACKER SET
		_			 		2 3/8		7	'445'	
PERFORATION	RECORD (Interval, s	ize and number)	<u> </u>		27.	ACI	I D, SHOT, FRAC	TURE. (EMENT :	SQUEEZE	ETC.
							INTERVAL				ND OF MATERIAL USED
See Attached Sumi	mary.								ļ		
					-				 		
			•								
				PRODUCT							
TE FIRST PRODUC	TION PROD		OD (Flowing, gas l	ift, pumping -	- size, and type	of pum	p)		STATUS Lucing	(Producin	g or shut-in)
5-12-00 (TE OF TEST	HOURS TESTED	TCHOKE SIZE	T PPOD'N	FOR TEST	OIL - BBL		GAS - MCF		WATER -	BBI	GAS - OIL RATIO
1			PERIOD	OKTEOT				1	VV/ (L (-		GAIG - CIE IOTIO
5-10-00 OW. TUBING	24 hrs	1/2"	JLATED 24 - HR	OIL BBI	3	GAS - N	1452 MCI		R - BBL	25	OIL GRAVITY - API
LESS		RATE	LATED 24-TIK	OIL - DOL				"		i	(Corr)
220#	680#				3	14	52 MCFPD	l	25		
	GAS (Sold, used fo	r fuel, vented, et	c.)					TEST	WITNE	SSED BY	,
V	142						·	Mil	ce Stone	with L&F	R Construction.
LIST ATTACHME	NIS										
Summary. I hereby certify tha	t the information sho	wn on both side	s of this form is true	e and comple	ete to the best	of my kn	owledge and bel	ief			
()	bra H	The		•		•	-				
SNATURE:	700	west_		TITLE:	As Agent for (Conoco	Inc. DATE	5-24-00	<u> </u>		
PE OR PRINT NAME	: DEBRA SITTNEF	<u> </u>			TELEPHONE	E NO.:	(970) 385-9100				

CONOCO

State Com O #12E Formation Tops
Unit Ltr. A – Sec. 16-T29N-R8W, San Juan Co., NM.
KB 6047'

Ojo Alamo	2024	4402
Kirtland	2210	4216
Fruitland Fm.	2640	3786
Pictured Cliffs	3060	3366
Lewis	3385	3041
Chacra	4043	2383
Cliffhouse	4685	1741
Menefec	4867	1559
Point Lookout	5266	1160
Mancos	5927	499
Gallup	6523	-96
Greenborn	7274	-847
Graneros	7329	-902
Two Wells	7350	-923
Paguate	7497	-1070
Cubero	7512	-1085
PBTD	7606	

CONOCO INC. State Com O 12E API #30-045-29749 790' FNL & 790' FEL, UNIT LETTER "A" Sec. 16, T29N-R8W

5/3/00 Road rig to location. Spot rig. Rig up. Rigged up pump and pit. NDWH & NUBOP. RIH with 2 3/8" tubing with 3 7/8" bit with casing scrapper. Tallied all tubing in the hole. Tagged cement @ 7502'. Rigged up power swivel and drilled cement to Float Collar @ 7538'. Drilled up float collar @ 7538'. Drilled cement to PBTD @ 7606'. Circulated hole clean. Tested casing to 1000 psi. - OK. Rigged up and loaded 7" X 4 1/2" annulas. Took 34 BBLS to load. Tested to 500 psi. - OK. Layed down power swivel.

<u>5/4/00</u> POOH with 2 3/8" tubing with casing scrapper and 3 7/8" rock bit. Rigged up Schlumberger wireline, run TDT Log from PBTD @ 7606' to 2000'. Run Gamma Ray log only from 2000' to surface. Rigged down Schlumberger.

5/5/00 Rigged up Blue Jet. Run CBL Log from 7606' to 7200' and CBL Log from 5500' to 4500', and then ran CBL log from 3550' to 2600'. TOC @ 2923'. Ran all CBL logs with 1000 psi pressure. Tested casing to 3800 psi. - OK. Rigged up Blue Jet to perf Dakota. Perf Cubero zone (DK) @ 7498-7500-04-06-08-16-18-20-28-34-43-47-49. Shot @ 2 SPF. Hole size .32". Total holes 26. Perf Paquate zone (DK) @ 7473-75 with @ SPF. Hole size .32". Total holes 4. Perf Two Wells zone (DK) @ 7352-54-56-58-60-62-64-66-68-70-72-74-76-78-80-82-84-86-88-90-92-94-96-98-7400-54-56-58-60. Shot @ 2 SPF. Hole size .32". Total holes 58. Rigged up Frac Valve and Frac Y. Prep well to frac.

Figged up BJ to breakdown with water. Pumped 176 ball sealers with KCL Water. Avg rate on breakdown 15 BPM @ 2400 psi avg pressure. Good ball action. Well did not ball off. Max pressure 3500 psi. ISIP - 1100 psi Total fluid pumped 187 bbls. Rigged up Blue Jet to retrieve balls. RIH with junk basket retrieved 62 balls with 35 hits. Rigged up BJ to frac Dakota. Fraced Dakota with 57,240# of 20/40 Brady sand. Total fluid pumped 5904 BBLS of 1% KCL Water. Avg pressure 3400 psi. @ 62 BPM Avg rate. Max pressure 3780 psi. ISIP - 1528 psi. (NOTE FRAC WAS TAGGED WITH SINGLE ISOTOPE RA LATERIAL). Rigged down BJ. Started flowing well back. Well quit flowing @ 5: 30 PM.

5/9/00 Check well. 0 - psi. Rig up drill gas compressors and blowie line. RIH with 2 3/8" tubing with SN & Mule Shoe Collar. Run 238 jts and tagged @ 7497'. Start up 2 drill gas compressors and cleaned sand to PBTD @ 7606'. Total fill 109'. Set on bottom and circulate, well still making heavy water. Pull up to 7180'. Well will not flow on it's own.

<u>5/10/00</u> Check well pressures. Tbg- 1250 psi. Csg - 1250 psi. Blow well down. RIH with 13 jts. Tagged fill @ 7576' for 30' of fill. Start up 2 drill gas compressors and cleaned sand to PBTD @ 7606'. Well still making heavy water and sand. Pumped soap sweeps every hour to help well to clean up. Pulled 2 3/8" tubing up to 7417'. Unload well with compressors and made well flow up the tubing. Installed 1/2" choke nipple. Will drywatch and flow test thru the night. Well flowed thru the night. With 2 3/8" tubing @ 7417' well flowing thru 1/2" choke nipple. TBG - 220 psi. CSG - 680 psi. 1452 MCFPD. 3 - Oil and 25 - Water. Test witnessed by Mike Stone with L & R Construction.

5/11/00 Check well still flowing. Flowing up the tubing @ 220 psi thru 1/2" choke nipple. Casing - 680 psi. Blow well down. RIH with tubing tagged fill @ 7595'. Had 11' of fill. Started 2 drill gas compressors. Cleaned sand to PBTD @ 7606'. Pumped soap sweeps. Pulled up 1 jt. Rigged up Blue jet and ran RA Tracer log from 7604' to 7150'. Log showed frac to stay in zone. Rigged down Blue Jet. Continue to flow well to allow well to clean up. Pull tubing up to 7448'. Make well flow up the tubing thru 1/2" choke nipple. Will drywatch thru the night.

<u>5/12/00</u> Drywatched well thru the night. Well still flowing up the tubing, thru 1/2" choke nipple. Tubing 210 psi and Casing 620 psi. Blow well down. Kill tubing. RIH to tag for fill. Tagged fill 2' above PBTD. Started 2 drill gas compressors and cleaned sand to PBTD @ 7606'. Pulled up and landed 2 3/8" tubing @ 7445' with KB added in. Total tubing 236 jts. NDBOP & NUWH. Rig down gas compressors and Blowie lines. Clean location. Move off location. FINAL REPORT

mile was built at the

tigat tiga barang palamentah barang baran

A Committee of the second A CONTRACTOR OF STATE OF STATE

i nga kangangan kangan kan Kangan kanga ي ۾ ن

 And the second of the control of the second of the control of the co

は、「中国、「The Property Common C We will be a provided to the expression wor

Will the State of State of the and the control of th ment of the first of the configuration of the second of th

ර රාජ්යාව සිට රාජ්ය පරිධාවක් විශාව කිරීම වැඩිවුරට පුරුණ විස්ථාවට විධාන 200ක පරිධාව විධාන කිරීම සිට විධාන කිරීම මේ වර්ග මේ රාජ්ය කිරීම සිට විධාන පිරිසි සිට ප්රතිශ මණයට කිරීමට වනස්වයට වන්දේ මියින් විධාන සිට විධාන සිට විධාන ව interference dus die Fronte France asward asward auch der verbeite die Herrich der France auch der State ี่ยากแม่ผลพุทธกรร ผู้รู้เกิด จะว่าก็ได้ วิชย์เครือก็ผู้กรรม ตั้งรู้มาใหญ่และ สระได้แล้ว และก็ก็ไม่เกิดก็ตดไปเก็ กระบาต ของกำกับ เสม แบบแบบของ (การี ผู้ ผู้สองกายที่มีการแทบของกับสถานกาย กายกำกับการ์ การ์ การ์ การ์ การ์ และ เกิด เกมเกิดทุ่มผู้ ชีพีฟี เกิดตรงเองวัช โดดก็จะมะการ์ การ์ เกิด เมื่อ เวลีย์ (มีพิธีเมตร การ์ เวลีย์ การ์ การ

് പ്രധാന പ്രധാന പര്യാന് പര്യാന പരിച്ചു അതിരുന്നു. ഇത്ത് പ്രത്തിന്റെ പ്രധാന്ത് പരിച്ചു പരിച്ചു പട്ടി വര്യാന് വ് പ്രധാനം ക്രോഗ്രം പ്രധാന പരിച്ചു പരിച്ച് പ്രധാന പരിച്ച് വ്യാസ്ത്ര പ്രധാനം ഇത്ത്ത് പ്രധാനം പ്രധാനം പരിച്ച് പരിച്ച പ്രധാനം പ്രധാന പരിച്ച് പരിച്ചു പരിച്ചു പരിച്ച് പരിച്ച് പരിച്ചു പരിച്ച് പരിച്ചു പരിച്ച് പരിച്ചു പരിച്ച് പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ച് പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു പരിച്ചു

ROPE PROPERTY.