Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies	Energy, Miner	State of New als and Natura	Mexico I Resources Department	Form Revi
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CO	NSERVAT P.O.Box 2	ION DIVISION 2088	<b>WELL API NO.</b>
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa ?		co 87504-2088	5. Indicate Type of Lease STATE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410				6. State Oil & Gas Lease No.
WELL COMPLETION C	R RECOMPLI	ETION REPO	RT AND LOG	
la. Type of Well: OIL WELL GAS WELL	X DRY	OTHER		7. Lease Name or Unit Agreement
b. Type of Completion:  NEW WORK DEEPEN DEEPEN	PLUG BACK	DIFF RESVR X OTH	Recompletion	Pollock Com E
2. Name of Operator		Attentio	0	8. Well No.
Amoco Production Company		Pat A	Archuleta	1R
3. Address of Operator P.O. Box 800 Denver	Colorado	80201	(303) 830-5217	9. Pool name or Wildcat Basin Fruitland Coa
4. Well Location  Unit Letter :1800	_ Feet From The	South	Line and165	O Feet From The East

P.O. Drawer DD, Ar	tesia, NM	88210		,			•	Ì		S	TATE 📙	$\mathbf{FEE} \ \underline{X}$
DISTRICT III 1000 Rio Brazos Rd.	, Aztec, NM	1 87410						Ć	5. State Oil	& Gas Lease	No.	
WELL (	COMPLE	TION OR RI	COMPLE	TION REP	ORT A	AND LOC	3					
la. Type of Well: OIL WELL	] GA	s well 🛛	DRY [	OTHER _					7. Lease Na	ame or Unit A	greement	Name
b. Type of Completion NEW WORL WELL OVER	к 🗀	EPEN D PL	ok 🗌	DIFF RESVR X	OTHER RE	ecomple	tion	P	ollock	Com E		
2. Name of Operator	_			Atten	tion			8	. Well No.			·
Amoco Production C	<u></u> -			Pat	Arch	uleta				1R		
	Denver	Colo	rado	80201	(3	03) 83	0-521			e or Wildcat Fruitla	ınd Coa	<b>a</b> 1
4. Well Location	_											
Unit Letter _	<u>J</u> :	1800 Fee	t From The	South		Line a	nd	1650	Feet 1	From The _	East	Line
Section 28	<del>,</del>			9N	Range					n Juan		County
· •	11. Date 7 5/22	7.D. Reached 2/80		Compl. (Read	y to Prod	<i>i.)</i>   13		ions <i>(DF &amp;</i> 510' g	& RKB, RT,	,GR,etc.)	14. Elev	. Casinghead
15. Total Depth		. Plug Back T.D		17. If Multip Many Zo	le Comp	l. How	18. <u>I</u>	ntervals	Rotary To	oois	, Cable T	ools
5749'	5	170' CIBP		Many Zo	ones?	2	"	Drilled By	Yes		No	
19. Producing Interval	(s), of this c	ompletion - Top 1588 ' -17		me					<u> </u>	20. Was Dir		urvey Made
21. Type Electric and	Other Logs	Run	<del>/                                    </del>	·					22. Was V	Vall Canad		No.
Gamma Ray,	_		Duel St	oace Neu	tron				22. Was v		es	
23.				ECORD		ort all st	rings	set in v	well)			
CASING SIZE	WEI	GHT LB./FT		TH SET		OLE SIZ			<del>_</del>	RECORD		
9 5/8"	32.		299		12 1			375 sx:		n	<del></del>	Control House
7''	26		3177		8 3/	4"		+75 sx:			d Apr	- 4 1997
			<u> </u>		<u> </u>							
			-									
24.		LIN	ER RECO	RD				25.	<del></del>	TUBING R	ECORT	DIST 3
SIZE	TO		OTTOM	SACKS CI	EMENT	SCR	EEN	Δ.	SIZE		H SET	PACKER SET
4 1/2"	10.5 3	531.	51	195				2.37		1817'		11101tLat U.
26. Perforation record	(interval, si	ize, and number	)			27. ACI	D, <u>SH</u>	OT, FR	ACTURE	E, CEMEN	T, SQU	EEZE, ETC.
<b>1588'-177</b> 0	) <b>1</b>					DEPT	H INT	ERVAL	AMO	UNT AND K	IND MAT	ERIAL USED
						SEE A	TTAC	HED				
28.		· · · · · · · · · · · · · · · · · · ·		PRO	ODUC	TION			L		<del></del>	<del></del>
Date First Production			ion Method ( Lowing	Flowing, gas			and type	pump)	********	1	atus (Prod t-In	. or Shut-in)
Date of Test	Hours T	ested	Choke Size	Prod'n F	or	Oil - Bbl.		Gas - MC	F	Water - Bbl.		Gas - Oil Ratio
3/24/97	- 1	hrs	1/2"	Test Peri	od	trace		290		0		
Flow Tubing Press.	1	I .	Calculated 24	- Oil - Bb	1.	Gas - N	1CF	Wate	er - Bbl.	Oil G	ravity - AF	PI - (Corr.)
30# 29. Disposition of Gas			lour Rate	tr	ace		290		O Test	Witnessed By	<del></del>	
To B	e Sold				· 			-				
Jo. List Attachments	Perf	and Frac										
31. I hereby certify that	the informa	ztion shown on b	oth sides of t	his form is tru	e and co	mplete to th	e best o	of my know	ledge and l	belief		
1	4/	), 1 /	<b>A</b> .	Printed D	- A-	.ah7 - +	_		C+ CC			1.10.10=
Signature /		rekul	10	Name P	at AI	chulet	d	Title	<u>Staif</u>	Assista	nt_Dat	<sub>e</sub> <u>4/2/97                                   </u>

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

IMPORTANT WATER SANDS	T .	•		stern New Mexico			Northw	estern New Mexico
1. Strawn	I. A	nhy		T. Canyon	Т.	Ojo Alamo	. 60	
T. Atoka	1. Ja	ш <u>—</u>		1. Strawn	т	Vietland E-	:41	58 T Penn "C"
T.   Alax	D. 38	41		T. Atoka	т .	Diamond Oli	:cc 170	70 T. Penn. "D"
T. Nuels	1. 1	ates		T. Miss	т.	Cliff II	346	52 T. Leadville
T. Grayburg	1. / /	VIAGLZ"		T. Devonian	77 7	N.C. C	250	
T. San Andres	1. Qt	ucen		T. Silurian	T 1	Daina T . 1		
T. Glorieta	T. GI	rayourg		T. Montoya	T. ]	Mancos	448	30 T. McCracken
T. Paddock T. Ellenburger T. Dakota T. Morrison T. T. Dakota T. Morrison T. T. Dakota T. Dakota T. Morrison T. T. Morrison T. T. Dakota T. Dollen								
T. Blinebry T. Gr. Wash T. Morrison T. T. Tubb T. Delaware Sand T. Todilto T. T. Drinkard T. Bone Springs T. Entrada T. T. Abo T. Bone Springs T. Entrada T. T. Wingate T. T. Wingate T. T. Wingate T. T. Wingate T. T. Chinle T. T. Penn T. T. Penn A* T. T. Penn A* T. T. Cisco (Bough C) T. T. T. Penn A* T. T. Cisco (Bough C) T. T. T. Penn A* T. T. Cisco (Bough C) T. T. T. Penn A* T.  OIL OR GAS SANDS OR ZONES  No. 1, from. No. 3, from to No. 4, from to No. 4, from to No. 4, from to No. 4, from to No. 1, from to No. 2, from to No. 1, from to No. 2, from to No. 1, from to No. 1, from to No. 2, from No. 2, from No. 2, from No. 1, from No. 2, from No. 1, from No. 2, from No. 1, from No. 2, from No. 3, from No. 1, freet No. 3, from No. 4, from No. 5, feet No. 3, from No. 4, from No. 5, feet No. 3, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 3, from No. 4, from No. 6, feet No. 6, f								
T. Tubb								
T. Drinkard T. Bone Springs T. Entrada T. Abo T. T. Wingate T. T. Wingate T. T. Chinle T. T. Chinle T. T. Permain	т т.,	meory		T. Gr. Wash	T. 1	Morrison	- <del></del>	T
T. Abo T. T. Wingate T. T. Chinle T. T. Chinle T. T. Penn T. T. Penn T. T. Permain T. T. Permain T. T. Permain T. T. Penn "A" T. T. T. Penn "A" T. T. Penn "A" T. T. T. T. Penn "A" T.								
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T. Cisco (Bough C) T. T. Penn "A" T.  OIL OR GAS SANDS OR ZONES  No. 1, from	T Per	un Micanilia		l·	Т. С	hinle		Т
OIL OR GAS SANDS OR ZONES   No. 1, from	T Cie	T. Cisco (Pouch C)			T. P	ermain _		T
OIL OR GAS SANDS OR ZONES   No. 1, from	1. 013	eo (Doug	л Су		I. P	em A _		T
IMPORTANT WATER SANDS				OIL OR GA	S CANDS	OD ZONE	•	
IMPORTANT WATER SANDS	No. 2. f	from		to	<u>1</u>	No. 3, from	••••••	toto
Color   Colo	-, •				· · · · · · · · · · · · · · · · · · ·	90. 4. ITOM.	• • • • • • • • • • • • • • • • • • • •	to
No. 2, from to feet								
Column	No. 1. f	rom.	or water	miles and elevation to which w	ater rose in	hole.		
To   Thickness in Feet   Lithology   From   To   Thickness in Feet   Lithology	No. 2. f	rom.	••••••	to	••••••	•••••••	feet	******************************
LITHOLOGY RECORD   (Attach additional sheet if necessary)   From   To   Thickness in Feet   Lithology   From   To   Thickness in Feet   Lithology								
From   To   Thickness in Feet   Lithology   From   To   Thickness in Feet   Lithology	1	. УШ		A				
From   To   in Feet   Lithology   From   To   Thickness in Feet   Lithology			1 1-	······································			c .	
796		T	<del></del>	······································			c .	
32   2906   24   Chacra		Τ	Thickness	THOLOGY RECORD (A	Attach additi	onal sheet i	f necessary)  Thickness	
52   3502   40   Cliff House 02   4094   592   Meneff 04   4480   386   Point Lookout	From	То	Thickness in Feet	THOLOGY RECORD (A	Attach additi	onal sheet i	f necessary)  Thickness	
12 4094 592 Meneff 14 4480 386 Point Lookout	From	то 1888	Thickness in Feet	Lithology Pictured Cliffs	Attach additi	onal sheet i	f necessary)  Thickness	
4 4480 386 Point Lookout	From 796	то 1888 2906	Thickness in Feet	Lithology  Pictured Cliffs Chacra	Attach additi	onal sheet i	f necessary)  Thickness	
TOTAL EDOROGE	From 796 32 52	то 1888 2906 3502	Thickness in Feet  92 24 40	Lithology  Pictured Cliffs Chacra Cliff House	Attach additi	onal sheet i	f necessary)  Thickness	
2   568/   375   Gallup	From 796 32 52	1888 2906 3502 4094	92 24 40 592	Lithology  Pictured Cliffs Chacra Cliff House Meneff	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
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	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
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	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 32 32 32 4	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	
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	From 796 32 52 52	1888 2906 3502 4094 4480	92 24 40 592 386	Lithology  Pictured Cliffs Chacra Cliff House Meneff Point Lookout	Attach additi	onal sheet i	f necessary)  Thickness	

#### Pollock Com E 1R

#### 3004524247

MIRUSU 3/7/97.

Set CIBP at 5270' over Gallup formation for zonal abandonment, dump 100 ft cement on top of CIBP.

Set CIBP in casing over Mesaverde formation at 3500' and top with 100 ft cement.

Test Mesaverde plug and entire wellbore to 500 psi. Held okay.

Set CIBP over Chacra formation at 2930' for zone isolation in abandonment. Spot 30 sxs of Cl-B cement, used 50% excess on 100 ft plug.

Pressure tested csg for stimulation to 2000 psi. Held okay. Ran gamma ray, dual space neutron and collar locator form 100'-2046'.

Perf Picture Cliffs form 1800'-1840' w/2 jspf, .380 inch diameter, total 80 shots fired.

Did massive frac from 1800'-1840' w/236 lbbs water and 164,019 scf of N2 to create a 70% quality foam along w/50,000# Arizona sand.

Tested Picture Cliffs for 25 hrs on 1/2" choke, recovered 373 mcf, trace of oil and no water. TIH check for fill over Pictured Cliffs, had none.

Set CIBP at 1790' and cap with sand for stimulation into Fruitland Coal formation. Test CIBP and csg to 500 psi. Held okay.

Perf'd from 1588'-1602', 1610'-1614', 1640'-1652', 1686'-1717', 1758'-1770' w/4 jspf, .450 inch diameter, total 292 shots fired.

Frac'd w/100 bbls water, max pressure 1000 psi, max rate 11.0 bpm. TIH w/scraper and knock ball off and tagsan on CIBP. TIH scrape ball of perfs w/7" csg scraper, land tbg at 1720'.

Test from 1588'-1770' for 24 hrs, 80 sicp, 150 sitp, check for fill prior to stimulation of Fruitland Coal formation.

Did massive frac from 1588'-1770' w/373 bbls water and 419,338 scf of N2 to create a 70% quality foam along w/74,867# Arizona sand.

Clean out from 1706'-1790' w/N2, flow well up csg for 2 hrs, tag fpr fill, had none.

Tested from 1588'-1770' for 24 hrs on 1/2" choke, recovered 290 mcf, trace of oil and no water.

Ran gamma ray from 1400'-1778'. Clean out sant to CIBP and drill plug at 1790'.

Flow tested from 1588'-1842' on 1/2" choke for 12 hrs, recovered 510 mcf, trace of oil and no water. FCP 85#, FTP 66#.

RDMOSU 3/25/97.

											Form C	
it to Appropriate	:			ate of New							Revised	1-1-89
State Lease - 6 copies		Energy	, Minerals	and Natural	l Resor	urces D	epartme	ent				
Fee Lease - 5 copies	•	01	T CONG	ייי א על פוקדי	ONI I	DIVIC	TON /	<b>w</b>	ELL API N	<del></del>		
P.O. Box 1980, Hobb	s, NM 88240	U	L CON	SERVATI P.O.Box 2		DI 4 12	ION (			3045	24247	
DISTRICT II			Santa Fe	, New Mexi		M-208	Q	5.	Indicate Ty	pe of Lease		
P.O. Drawer DD, Art	esia, NM 882	10	Sauta I C	, INCW MICAL	CO 075	04-200	0			ST	TATE	FEE X
DISTRICT III								6.	State Oil &	Gas Lease	No.	
1000 Rio Brazos Rd.,	Aztec, NM 8	7410										
WELL (	COMPLETI	ON OR REC	OMPLET	ION REPO	RT Al	ND LO	3					
la. Type of Well: OIL WELL	GAS V	VELL X	DRY 🗌	OTHER				7	. Lease Nan	ne or Unit A	greement Nar	ne
		لاين										
b. Type of Completion:  NEW WORK PLUG DIFF W Becompletion						P	ollock	Com E				
WELL OVER	DEEPE	N BACK	D R	ESVR X OTH	rer Rec	comple	tion					
2. Name of Operator				Attentio	n			8	. Well No.			-
Amoco Production C	ompany			Pat	Archu	ıleta				1R		
3. Address of Operator							9	. Pool name				
P.O. Box 800	Denver	Colors	ido 	80201	(303)	830-	-5217		Aztec	Picture	ed Cliff	s
4. Well Location	_			0 .1				(50		τ.	7	ļ
Unit Letter _	:	1800 Feet 1	From The _	South		Line a	ınd	650	Feet F	rom The	Last	Line
Section 28		Town	-		Range	10W				Juan		County
10. Date Spudded	11. Date T.D			ompl. (Ready t		) 13	B. Elevation	ons (DF &	k RKB, RT,	GR,esc.)	14. Elev. C	asinghead
4/28/80	5/22/8			- 75 - 97				510 <b>'</b> g				
15. Total Depth	16. F	lug Back T.D.		17. If Multiple Many Zone	Compl.	. How	18. In	ntervals rilled By	Rotary To	ols	Cable Tool	s
<u>5749'</u>		70' CIBP		<del> </del>		2			<u></u>	Yes	<u>l</u> No	
19. Producing Interval			Bottom, Nam	ne						20. Was Di	rectional Surv	ey Made
	1800'-18					···-				No	)	
21. Type Electric and			_						22. Was Well Cored			
Gamma Ray,	<u>Collar Lo</u>	ocator, D	<u>uel Spa</u>	<u>ce Neutr</u>	on				<u> </u>		Yes	
23.		CAS	SING RI	ECORD (	Repo	rt all s	trings	set in	well)			
CASING SIZE	WEIG	HT LB./FT.	DEPI	TH SET	HC	DLE SIZ	Æ	CEM	ENTING	RECORD	) HAMAN	HATTER EN
9 5/8"	32.3		299'		12 1/			375 sx	S	L	少国	三 V L
7''	26		3177 <b>'</b>	8	8 3/4	+ 11	4	75 sx	s		100	4007
											APK -	4 1997
										<del></del>	\ <u>\</u>	SER E
			<u> </u>					<del></del>				
24.			ER RECO	7				25.			VECORD.	9 <del>7 8</del>
SIZE	TOP		MOTTO	SACKS CEN	MENT	SC	REEN		SIZE			PACKER SET
4 1/2"	<del>10.5</del> /	2 5315	<u>.                                    </u>	195				2.3	75''	1817		
26. Perforation record	i (interval, size	and number)		<u> </u>		27 AC	ID CH	OT ED	ACTURE	CEMEN	T, SQUE	7F FTC
		,					TH INT				IND MATE	
1800'-1840'							ATTAC		12	J. 11 11 15 1	<u> </u>	<u> </u>
						722	***		1			<u>-</u>
28.				PRO	DUC	TION						
Date First Production		Producti	on Method (	Flowing, gas li				e pump)		Well S	latus (Prod. o	or Shut-in)
		F	lowing							S1	nut-IN	

Water - Bbl. Date of Test Hours Tested Choke Size Prod'n For Oil - Bbl. Gas - MCF Test Period 1/2" 3/12/97 <u>25 hrs</u> trace Gas - MCF 373 0 Flow Tubing Press. 45# Casing Pressure Calculated 24-Oil - Bbl. Water - Bbl. Oil Gravity - API - (Corr.) Hour Rate 358 trace 29. Disposition of Gas (Sold, used for fuel, vented, etc.) Test Witnessed By

To Be Sold

30. List Attachments

Perf and Frac

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Printed Name

Pat Archuleta

Title Staff Assistant Date 4/2/97

Gas - Oil Ratio

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# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

B. Sali T. Yat T. 7 R T. Que	hy		stern New Mexico				Northwa	estern l	New Mexico
B. Sali T. Yat T. 7 R T. Que			T. Canyon	т	. Oio	Alamo		_	
T. Yat T. 7 R T. Que			NITQUM				<del>-</del>	<del></del>	. Penn. "B"
T. 7 R T. Que			_ I ATOVO	-		_	170	<del></del>	. Penn. "C"
T. Que			I Miss	-			211	<del>~</del> 1	. Penn. "D"
4									. Leadville
T. Gra			I Siliirian		-				. Madison
									. Elbert
									. McCracken
T. Glo	rieta _		T. McKee T. Ellenburger	1.	CALL			<u> </u>	. Ignacio Otzte
T. Pade	dock		T Ellenburger		- OI	cemio! U		T	. Granite
I. Blin	ebry		T Gr West			, La		T	<del></del>
T. Tub	b		T. Delaware Sand T. Bone Springs	т. т.	Todi	115011		T	
I. Dru	ikard		T. Bone Springs T	T.	Entra	nda 		T	
1. Abo			T T	T.	Wing	rate		<u>I</u> .	
T. D.	rcamp_		T	Т.	Chin	le		<u>1</u> .	
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I. Cisc	o (Boug	th C)	T	T	Penn	"A"		T.	
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<del></del>		LI	THOLOGY RECORD (	Attach addi	tional	sheet if	necessary)		
From	То	Thickness in Feet	Lithology		rom	To	Thickness in Feet		Lithology
796	1888	92	Pictured Cliffs						
32	2906	24	Chacra						
52	3502	40	Cliff House			ľ			
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MIRUSU 3/7/97.

Set CIBP at 5270' over Gallup formation for zonal abandonment, dump 100 ft cement on top of CIBP.

Set CIBP in casing over Mesaverde formation at 3500' and top with 100 ft cement.

Test Mesaverde plug and entire wellbore to 500 psi. Held okay.

Set CIBP over Chacra formation at 2930' for zone isolation in abandonment. Spot 30 sxs of Cl-B cement, used 50% excess on 100 ft plug.

Pressure tested csg for stimulation to 2000 psi. Held okay. Ran gamma ray, dual space neutron and collar locator form 100'-2046'.

Perf Picture Cliffs form 1800'-1840' w/2 jspf, .380 inch diameter, total 80 shots fired.

Did massive frac from 1800'-1840' w/236 lbbs water and 164,019 scf of N2 to create a 70% quality foam along w/50,000# Arizona sand.

Tested Picture Cliffs for 25 hrs on 1/2" choke, recovered 373 mcf, trace of oil and no water. TIH check for fill over Pictured Cliffs, had none.

Set CIBP at 1790' and cap with sand for stimulation into Fruitland Coal formation. Test CIBP and csg to 500 psi. Held okay.

Perf'd from 1588'-1602', 1610'-1614', 1640'-1652', 1686'-1717', 1758'-1770' w/4 jspf, .450 inch diameter, total 292 shots fired.

Frac'd w/100 bbls water, max pressure 1000 psi, max rate 11.0 bpm. TIH w/scraper and knock ball off and tagsan on CIBP. TIH scrape ball of perfs w/7" csg scraper, land tbg at 1720'.

Test from 1588'-1770' for 24 hrs, 80 sicp, 150 sitp, check for fill prior to stimulation of Fruitland Coal formation.

Did massive frac from 1588'-1770' w/373 bbls water and 419,338 scf of N2 to create a 70% quality foam along w/74,867# Arizona sand.

Clean out from 1706'-1790' w/N2, flow well up csg for 2 hrs, tag fpr fill, had none.

Tested from 1588'-1770' for 24 hrs on 1/2" choke, recovered 290 mcf, trace of oil and no water.

Ran gamma ray from 1400'-1778'. Clean out sant to CIBP and drill plug at 1790'.

Flow tested from 1588'-1842' on 1/2" choke for 12 hrs, recovered 510 mcf, trace of oil and no water. FCP 85#, FTP 66#.

RDMOSU 3/25/97.