Form 3160-4

UNITED STATES

FORM APPROVED

(August 1999)	)		DI BU	EPAR REAL	TMEN	T OF THE	E INTER	IOK	JUL 2	001					004-0137 nber 30, 2000
	WELL (	СОМІ						REPO	TANEI	<b>VOO</b> D	72		ease Serial	No.	
1а. Турс о		Oil W		Gas V		☐ Dry	Othe	10.00	<del>100 tro-</del>	<del>- 131A -</del>	7	+			r Tribe Name
b. Type o	f Completion	_	New W		_	rk Over	☐ Deepe	m (Pg)	DIST Plug Back	Diff.	Res V				ent Name and No.
		0	ther					- 💢	<u>Za</u>	<del>, , Q</del>	<u> </u>				
2. Name of AMOC	f Operator O PRODUC	TION	COMPA	NY		Conta		Y CORLE il: corley	ml@bp:com	عموا			ease Name RUSSELL		ell No.
3. Address	P.O. BOX HOUSTO		77253	3 F				3a. Phone Ph: 281.	3a. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700				PI Well No 30-045-23		
4. Location	n of Well (Re	port loc	cation cle	arly an	d in acc	cordance wit	th Federal	requireme	ents)*			10.	Field and P	ool, or	Exploratory (ERDE
At surfa	ace			NENE Lot A 990FNL 990FEL								11. Sec., T., R., M., or Block and Survey or Area Sec 25 T28N R8W Mer NMf			
At top p	orod interval t	eporte	d below									<u></u>	or Area Se County or I	ec 25 T	28N R8W Mer NMI
At total												5	SAN JUAN	l	NM
14. Date Sp 09/22/1					ite T.D. /30/198	Reached 30			Date Complet	Prod.	17. Elevations (DF, KB, RT, GL)* 6310 GL				
18. Total D	Depth:	MD TVD		7376		19. Plug E	Back T.D.	: MC		30	20. De	pth Br	idge Plug S		MD TVD
21. Type E CBL	Electric & Oth	er Mec	hanical L	ogs Rı	ın (Sub	mit copy of	each)		,	22. Wa Wa	s well core s DST run ectional St	?	No No No	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Reco	ord (Re	eport all s	trings	set in w	vell)					octional Bi	a vey.	<u> </u>		(Buoline diarysis)
Hole Size	Size/Grade	: w	't. (#/ft.)	ı	op ID)	Bottom (MD)	_ ~	Cementer epth	1	Sks. & Cement	1 '	/ Vol. 3L)	Casing	Top*	Amount Pulled
12.250	9.6	25	36.000		<i>(D)</i>	301		Сриг	225		<del>-                                    </del>	<u> </u>			
8.750	7.0		23.000			3493					00				
6.250	4.5	00	11.000		3333	7367				3	70				
											_		ļ		
		_					<del>                                     </del>						ļ		
24. Tubing	Record			<u> </u>	i		<u> </u>		1		·				
	Depth Set (M	ID)	Packer I	Depth (	(MD)	Size	Depth S	et (MD)	Packer De	pth (MD)	Size	D	epth Set (M	(D)	Packer Depth (MD)
2.375		7100													
25. Produci	ng Intervals	<del></del>					26. Pe	rforation F	lecord						
Formation				Гор	_	Bottom		Perfora	ted Interval		Size		No. Holes		Perf. Status
A) MESAVERDE			4476		5327		· <del></del>		4476 TO 5327		+	70			
B) C)					-		+					+		$\vdash$	
D)							<del></del>					+		┼	
	racture, Treat	ment, C	Cement S	queeze	, Etc.									1	
	Depth Interva	ıl							Amount and	1 Type of	Material				
	44	76 TO	4905				8	0,000 LB	S 16/30 AR	IZONA S	AND & 7	0% FC	AM		<del></del>
	49	90 TO	5327				80	,000 LBS	16/30 ARIZ	ONA SA	ND & 70°	% FO/	AM(2)		
								<del> </del>							
28. Product	ion - Interval	A													
Date First	Test	Hours	Test		Oil	Gas	Wate		il Gravity	Gas		Product	tion Method		
Produced 06/11/2001	Date 06/11/2001	Tested Produ		luction BBL 1.0		MCF 550.	.0 BBL	1.0	orr. API Gravi		iravity		FLOWS FROM WELL		
Choke	Tbg. Press.	Csg.	24 Hr	:	Oil	Gas	Wate		as:Oil	Wel	l Status	·			
Size 3/4	Flwg. SI	Press. 210.	.0 Rate	$\supset$	BBL	MCF	BBL	R	atio		PGW		A COLO	The same of the sa	
	ction - Interva												<u>ميتاما سدم ا</u>	15.	
Date First	Test	Hours	Test		Oil	Gas	Wate		oil Gravity	Gas		Produc	tion Method		· · · · · · · · · · · · · · · · · · ·
Produced	Date	Tested	Produ	iction	BBL	MCF	BBL	l <sub>c</sub>	orr. API	Grav	vity		JL	IL 2	0 2001
Choke	Tbg. Press.	Csg.	24 Ht	:	Oil	Gas	Wate		as:Oil	Wel	l Status	$\dashv$	Famen		<del>~ &lt; 00  </del>
Size	Flwg. SI	Press.	Rate	$\triangleright$	BBL	MCF	BBL	l <sup>™</sup>	atio			- [	FARMING BY	Mjay ;	4

<sup>(</sup>See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #4962 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
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There is a transfer of the production of the pro	28b. Proc	duction - Inter	val C	<del></del>	-			• • • • • • • • • • • • • • • • • • • •	•					
Press   Press   Rate   BBL   MCF   BBL   Ratio											Production Method			
Discretion   Total   Hours   Date   Production   Date   Date   Date   Production   Date   Da		Flwg.							w	'ell Status				
Choke   Tig. Press.   Cig.   24 Hr.   Oil   Gas   MCF   BBL.   Corr. API   Gravity	28c. Prod	duction - Interv	/al D			· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>						
Press.   Rate   Press.   Rate   BBL   MCF   BBL   Ratio											Production Method			
SOLD  30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top Bottom Descriptions, Contents, etc.  Name  CLIFFHOUSE MENEFEE POINT LOOKOUT UPPER MANCOS GALLUP LOWER MANCOS GRANLED  AKOTA  32. Additional remarks (include plugging procedure): Well completed in the Bainco Messaverde and production commingled downhole with the existing Basin Dakota Completion. Subsequent Recompletion & Downhole Commingling Report attached.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report 4.		Flwg.							W	ell Status	Status			
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shur-in pressures and recoveries.    Formation   Top   Bottom   Descriptions, Contents, etc.   Name			Sold, usea	for fuel, ven	ted, etc.)	•	•	•	•					
MESAVERDE  4476  5327  CLIFFHOUSE MENEFEE POINT LOOKOUT UPPER MANCOS GALLUP LOWER MANCOS GRANEROS SHALE DAKOTA  32. Additional remarks (include plugging procedure): Well completed in the Balnco Mesaverde and production commingled downhole with the existing Basin Dakota Completion. Subsequent Recompletion & Downhole Commingling Report attached.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4.	30. Sumr Show tests,	mary of Porous v all important including dep	zones of p	orosity and c	ontents ther				ures	31. For	mation (Log) Markers			
32. Additional remarks (include plugging procedure): Well completed in the Balnco Mesaverde and production commingled downhole with the existing Basin Dakota Completion. Subsequent Recompletion & Downhole Commingling Report attached.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4.		Formation		Тор	Bottom		Descripti	ions, Contents,	etc.		Name	Top Meas. Depth		
existing Basin Dakota Completion. Subsequent Recompletion & Downhole Commingling Report attached.  33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.)  2. Geologic Report  3. DST Report  4.	32. Addit	tional remarks	(include p	nhugging proc	edure):	duction one		doumbolo with	the	ME PO UP GA LO GR	:NEFEE INT LOOKOUT PER MANCOS LLUP WER MANCOS MANEROS SHALE	4400 4619 4801 5442 5686 6103 7005 7109		
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:	existi attac	ing Basin Dal shed. e enclosed atta	kota Com	pletion. Su	bsequent F	Recompletion	on & Down	hole Commin	gling Repo		port 4. Direct	ional Survey		
	5. Su	undry Notice fo	or pluggin	g and cement	verification		_	-		7 Other:				
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached Electronic Submission #4962 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPA Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 06/15/2001 ()  Name (please print) MARY CORLEY  Title AUTHORIZED REPRESENTATIVE		Elec	etronic Su Sei	ibmission #4 nt to the Far	962 Verifie	d by the BL	M Well In	formation System or processing l	tem for AN by Mauric	MOCO PRO e Johnson o	ODUCTION COMPANY. on 06/15/2001 ()	tions):		
		, , ,												
Signature Date 06/14/2001	Signa	ature		<u> </u>			Date	Date <u>06/14/2001</u>						

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

## RUSSELL # 3 RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT 06/14/2001

06/02/2001 MIRUSU @ 09:00 hrs. NDWH & NU BOP's. TOH W/TBG. SDFN.

06/05/2001 TIH & set a CIBP @ 5450'. Load hole w/2% KcL water. Pressure Test CSG to 2500#. Held Ok. RU & CBL Log. RU & Perf Point Lookout & Lower Menefee: 340 inch diameter:

<u>Lower Menefee perforations</u>, 2 <u>JSPF</u>, 120° phasing (5 shots/ 10 holes): 4990′, 4997′, 5005′, 5016′, 5020′

<u>Upper Point Lookout Perforations, 1 JSPF, 120° phasing (13 shots/ 13 holes):</u> 5054', 5068', 5072', 5077', 5084', 5088', 5105', 5114', 5122', 5128', 5142', 5144', 5152'

Lower Point Lookout Perforations, 2 JSPF, 120° phasing (9 shots/18 holes): 5178', 5188', 5217', 5223', 5240', 5267', 5284', 5318', 5327'

06/06/2001 RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & TIH w/CIBP & set @ 4920'. RU & Perf Cliffhouse & Menefee: 340 inch diameter:

Cliffhouse perforations, 1 JSPF 120° phasing (17 shots/ 17 holes): 4476', 4481', 4489', 4494', 4498', 4514', 4529', 4532', 4549', 4552', 4558', 4566', 4571', 4575', 4581', 4585', 4590'

Menefee Perforations, 2 JSPF, 120° phasing (12 shots/12 holes): 4634′, 4639′, 4662′, 4668′, 4761′, 4774′, 4795′, 4835′, 4841′, 4855′, 4896′, 4905′

RU & Frac w/80,000# of 16/30 Arizona Sand & 70% Foam. RU & Flow back well thru  $\frac{1}{4}$ " choke overnight.

06/07/2001 Upsized choke to  $\frac{1}{2}$ " & flowed back for 6 hrs. Installed  $\frac{3}{4}$ " choke & flowed well overnight to pit.

06/08/2001 TIH & tagged fill @ 4676'. Circ hole clean to top of CIBP set @ 4920'. DO CIBP & circ hole clean. PU above TOL & flowed well thru  $\frac{3}{4}$ " choke.

06/11/2001 TIH & tag fill @ 5300'. Circ hole clean to top of CIBP set @ 5450'. DO CIBP. TIH & tag fill @ 7330'. Circ hole clean to 7340'. PU above TOL & flow test well thru  $\frac{3}{4}$ " choke for 12 hrs. 550 MCF gas, Trace WTR, Trace oil, CSG 210#

06/12/2001 TIH & tag fill @ 7340'. Circ hole clean to PBTD @ 7376'. PU above perfs & flowed well. TIH & found 0 fill. TOH & SDFN.

06/13/2001 TIH & Land 2 3/8" TBG @ 7100'. ND BOP's & NUWH. Pull TBG plug.

06/14/20001 RDMOSU. Rig Release @ 08:00 hrs.