, •					
Submit 3 Copies To Appropriate District	State of 1	New Me	xico		Form C-103
Office District I	Energy, Minerals	and Natur	ral Resources	WELL API NO.	Revised June 10, 2003
1625 N. French Dr., Hobbs, NM 88240 District II	OH COMERN	7 A (TIC) Y	PH MOTOR!	30-025-28786	
1301 W. Grand Ave., Artesia, NM 88210 District III	OIL CONSERV			5. Indicate Type	
1000 Rio Brazos Rd., Aztec, NM 87410	1220 South	1 St. Fran e, NM 87		STATE	
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa PC	, 141VI 07	303	6. State Oil & G	as Lease No.
87505 SUNDRY NOTIC	ES AND REPORTS OF	NWFIIS		7 Lease Name	or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSA	ALS TO DRILL OR TO DEEI	PEN OR PLU	JG BACK TO A	7. Doube Ivallie	on our rigitornont rume
DIFFERENT RESERVOIR. USE "APPLICA" PROPOSALS.)	ATION FOR PERMIT" (FOR	M C-101) FO	OR SUCH	New Mexico 36	
1. Type of Well:	0.1			8. Well Number	i
Oil Well Gas Well	Other				
2. Name of Operator ROCA Resource Company, Inc.				9. OGRID Nu 152374	mber
3. Address of Operator		····		10. Pool name of	or Wildcat
P.O. Box 1981, Midland, Texas 797	02			Quail Ridge; Mo	orrow, North
4. Well Location					
Unit Letter_B:_	660feet from the	Nortl	n line and	1980feet fr	om theEastline
Section 36	Township	18S	Range 33E	NMPM	Lea County
Scotton 30	11. Elevation (Show wh				<u> County</u>
	3841.3'/GR 3856.1'/K				
	ppropriate Box to In	idicate N		•	
NOTICE OF INT PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON	<b>.</b> 🗆	REMEDIAL WOR	SEQUENT RI	EPORT OF: ALTERING CASING
	1 LOG AND ADANDON	اسا			ALILINING CAGING
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI	LLING OPNS.	PLUG AND  ABANDONMENT
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN	ID 🗆	
	COMPLETION	_	CEMENT JOB		
OTHER:	(01 1		OTHER:		
<ol> <li>Describe proposed or completed of starting any proposed wor or recompletion.</li> </ol>	k). SEE RULE 1103. I	y state all p	le Completions: At	i give pertinent da tach wellbore diag	ites, including estimated dat gram of proposed completio
Filed C-101 for permit to cle	ean out wellhore to More	row interva	al stimulate and retu	ırn well to produc	tion and then filed the C 10
for well completion. The wo	ork started on March 31,	, 2003 and	was ready for produ	ection on April 29	, 2003. The production
			610	1172-	
			(5,87)		
				2300 1300	
			7 77	190H ==	
			03/1	~~y ~~	
			18 and	MN Ž	
			180 V		
				67 70 ¢. C.	
I hereby certify that the information a	bove is true and comple	te to the be	est of my knowledge	e and belief.	
SIGNATURE		TITLE	Production Analyst		DATE 6-23-03
			•		
Type or print name   Captly Copelar	nd E-mail ad	ldress: can	dy@rocaresource.c	om Telepho	ne No. 432-682-2554
(This space for State use)			PETROL FULL		
APPPROVED BY		TITLE	PETROLEUM EN	IGINEER	DATJUL 0 2 2003
Conditions of approval, if any:					V & ZUUS

### **Daily Completion Report**

Well S	ervice Contra	ctor:		Rig No:	Days:
Date:	03/31/03	On-Site Supervisor:	JR		Wt(ppg)
Well N	lame & No: N	M 36 State No. 1			PBTD:
Perfor	ated Interval:			Field / Formation:	
Prese	nt Operations	This Morning:		-	
Beginı	ning Time: _	<del></del>		Ending Time:	Hours
		Summar	y of Operations Last	24 Hours	
Lay do	wn packer (go	od shape), unload 131 jo	R packer. POH with 298 joints of N80 2 3/8" tubing or	pints of 2 3/8" J-55 tubin	g (9,362.70')
Move-i	n RU Redman	Air, RIH as follows:			
			Inside Kutrite shoe	4 5/8"	· · · · · · · · · · · · · · · · · · ·
	·		Ext w/row of 5 diamonds	4 1/2"	
			1 Jt 4 1/2" WP	4 1/2"	
			X-0		
			4-DC		
			X-O		
			ТВНА	167.66	
			298 Jts. J-55		
			61 Jts. N80		
			359 Jts. 2 3/8" @	11,295.12	
			ВНА	167.66	
			KB	8.00	
				11,470.78	

#### **Intangible Costs**

#### **Tangible Costs**

		Previous	To Date
	Daily	Cum	Cum
Well Service Unit			
Pump / Vacuum Truck			
Cmt & Cmt Services			
Stimulation			
Tubular Inspect & Test'g			
Rentals:			
Racks, Reverse Unit			
BOPE,Frac Tank			
Trash Tr & Generator			
TIW, Scraper			
Transportation (Estimate)			
Misc Supplies			
Contract Labor (Pkr hand)			
Cased Hole Services			
Water / Mud			
Supervision			
Other (Tubing testers)	\$0	\$0	\$0

	Previou	To Date
Daily	Cum	Cum
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	<b>\$</b> 0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0

Well Service Contract	or:				Rig No:		_ Days:	
Date: 04/01/03	On-Site Supe	ervisor:	JR	_Circ Fluid:			_Wt(ppg)	·
Well Name & No: NM	36 State No.	.1		· · · · · · · · · · · · · · · · · · ·			_ PBTD:	
Perforated interval:					Field / Fo	rmation:		
Present Operations T	his Morning							
Beginning Time:					Ending	Time:		Hours
	Sum	mary of	Operatio	ons Last 2	4 Hours			
	7:45 a.ı	m 10:45 a	a.m. starte	d air down tu	bina. broki	e circulat	ion	
	10:45 a	.m 12:00	p.m. circu	late tubing up	casing to	the eart	h pit	
	12:00 p	.m 1:00 p	o.m. ran 33	3 joints 2 3/8"	tubing			
	1:00 p.i	n. tag sand	@ 12,509	9.17', picked i	up swivel,	broke cir	culation, w	ash down.
	cleaned	out to 12,7	790', circu	lated hole for	1 1/2 hour	s. laved	down swiv	el, POH
	with 53	joints tubin	g, shoe @	at 11,123', S	DFN @ 8	:00 p.m.		
	11	ntangible	Costs			Ta	ngible C	osts
	Daily	Previous					Previou	To Date
Well Service Unit	Daily	Cum	Cum	Braduation	Casina	Daily	Cum	Cum
Pump / Vacuum Truck		<b></b>		Production Tubing	Casing	\$0 \$0	\$0	\$0
Cmt & Cmt Services				Rods	,	\$0 \$0	\$0	\$0
Stimulation	<del></del>			Wellhead E	auin	\$0 \$0	\$0 \$0	\$0
Tubular Inspect & Test	g			Subsurface	• •	Ψ0	\$0	\$0
Rentals:				<b>-</b>	(Refurb)	<b>\$</b> 0	\$0	\$0
Racks, Reverse Unit	<u> </u>					\$0	\$0	\$0
BOPE,Frac Tank	-			Artificial Lift	Equip	\$0	\$0	\$0
Trash Tr & Generator	_		_	Tank Batter	y	\$0	\$0	\$0
TIW, Scraper				Other		\$0	\$0	\$0
Transportation (Estimat	e)			Credit	•	\$0	\$0	\$0
Misc Supplies				<u> </u>	·			
Contract Labor (Pkr har	nd)			Intangibl	e Cost	\$0	\$0	\$0
Cased Hole Services				_				
Water / Mud				Tangible	Cost	\$0	\$0	\$0
Supervision					•			
Other (Tubing testers)	<u>\$0</u>	\$0	\$0	Total Cos	st	\$0	\$0	\$0
Credits / Notes:								

Weli Se	ervice Contracto	or:	·		Rig No:		_ Days:	
Date:	04/02/03 O	n-Site Supe	ervisor:	JR	Circ Fluid:		_Wt(ppg)	
Well Na	ame & No: NM	36 State No.	1			·	PBTD:	
Perfora	ated Interval:	•	·		Field / Fo	rmation:		
Presen	nt Operations Th	is Morning:			<del></del>			
Beginn	ning Time:				Ending	g Time:		Hours
		Sum	mary of	Operatio	ons Last 24 Hours	į	÷	
		7:00 a.r	n. RIH w/5°	1 jts 2 3/8"	tbg, tag fill @ 12,715',	PU swive	el on jt #39	8
		break c	irculation @	9:30 a.m	., clean out sand from	12,715' to	top of fish	<u> </u>
		13,129.	79, cut to 1	3,130' (2	1/2 hours) PU 1 jt abov	e fish, circ	culate clea	n ( 1hr)
		POH W	tog to float	t, bleed of	pressure, shoe @ 12	673'. SDF	N.	
								·
								<del></del>
							<del></del>	
		· li	ntangible	Costs		Ta	ngible C	osts
		Daily	Previous Cum	To Date Cum		Dalle	Previou	To Date
Well Se	ervice Unit	Dany	Outri	Cum	Production Casing	Daily \$0	Cum \$0	Cum
	Vacuum Truck				Tubing	\$0	\$0	\$0
-	Cmt Services				Rods	\$0	\$0	\$0 \$0
Stimula	ation		<b></b>		Wellhead Equip	\$0	\$0	\$0
	r Inspect & Test'g				Subsurface Equip:		<del>  •</del>	-
Rentals					Packer (Refurb)	\$0	\$0	\$0
	s, Reverse Unit	-				\$0	\$0	\$0
	Frac Tank				Artificial Lift Equip	\$0	\$0	\$0
	Tr & Generator	-			Tank Battery	\$0	\$0	\$0
	Scraper				Other	\$0	\$0	\$0
-	ortation (Estimate	e)			Credit	\$0	\$0	\$0
Misc St	• •				1			
	ct Labor (Pkr han	d)			Intangible Cost	\$0	\$0	\$0
	Hole Services							
Water /					Tangible Cost	\$0	\$0	\$0
Superv					] .			
Other (	Tubing testers)	\$0	\$0	\$0	Total Cost	\$0	\$0	\$0
Credits	s / Notes:							

	ervice Contracto	or:			Rig No:		Days:	
Date:	<u>04/03/03</u> C	n-Site Supe	rvisor:	JR	Circ Fluid:		Wt(ppg)	
Weil N	ame & No: NM	36 State No.	1				PBTD:	
Perfor	ated Interval:	-			Field / Fo	rmation:		
Preser	nt Operations Th	nis Morning:						
Beginı	ning Time:	<del></del>			Ending	Time:		Hours
		Sum	mary of	Operatio	ons Last 24 Hours		÷	
					empty, LD worn out sh			
		w/re-dre		8" OD flat b	oottom shoe, BHA, 2 3/			
			. ODI 14.					
<del></del>								
							· · ·	
				-				
		lı	ntangibl	e Costs		Та	ngible C	osts
			Previous	To Date		Ta	ngible C	osts To Date
		Li				Tar		_
	ervice Unit		Previous	To Date	Production Casing	Daily \$0	Previou Cum \$0	To Date
Pump /	Vacuum Truck		Previous	To Date	Tubing	<b>Daily</b> \$0 \$0	Previou Cum \$0 \$0	To Date
Pump /	Vacuum Truck Cmt Services		Previous	To Date	Tubing Rods	Daily \$0 \$0 \$0	Previou Cum \$0 \$0 \$0	To Date Cum \$0 \$0 \$0
Pump / Cmt & Stimula	Vacuum Truck Cmt Services ation	Daily	Previous	To Date	Tubing Rods Wellhead Equip	<b>Daily</b> \$0 \$0	Previou Cum \$0 \$0	To Date Cum \$0 \$0
Pump A Cmt & Stimula Tubula	Vacuum Truck Cmt Services ation r Inspect & Test's	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip:	\$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0	To Date Cum \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental	Vacuum Truck Cmt Services ation r Inspect & Test's s:	Daily	Previous	To Date	Tubing Rods Wellhead Equip	\$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental Rack	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: <u>Packer (Refurb)</u>	\$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental Racks	Vacuum Truck Cmt Services ation r Inspect & Test'( s: s, Reverse Unit	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental Racks BOPE	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental Racks BOPE Trash TIW,	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump / Cmt & Stimula Tubula Rental Rack: BOPE Trash TIW,	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump Comt & Stimula Tubula Rental Racks BOPE Trash TIW, Transp Misc S	Vacuum Truck Cmt Services ation r Inspect & Test'o s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper Portation (Estimat upplies	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other Credit	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump Comt & Stimula Tubula Rental Racks BOPE Trash TIW, Transp Misc S Contra	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper oortation (Estimat	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump Comt & Stimula Tubula Rental Racks BOPE Trash TIW, Transp Misc S Contra	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper Portation (Estimat upplies ct Labor (Pkr har Hole Services	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other Credit Intangible Cost	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump Cmt & Stimula Tubula Rental Rack: BOPE Trash TIW, Transp Misc S Contra Cased Water	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper Portation (Estimat upplies ct Labor (Pkr har Hole Services / Mud	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other Credit	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
Pump Cmt & Stimula Tubula Rental Rack: BOPE Trash TIW, Transp Misc S Contra Cased Water Supen	Vacuum Truck Cmt Services ation r Inspect & Test's s: s, Reverse Unit E,Frac Tank Tr & Generator Scraper Portation (Estimat upplies ct Labor (Pkr har Hole Services / Mud	Daily	Previous	To Date	Tubing Rods Wellhead Equip Subsurface Equip: Packer (Refurb) Artificial Lift Equip Tank Battery Other Credit Intangible Cost	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Previou Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	To Date Cum \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

Well Service Contractor:					Rig No:		Days:	
Date: 04/04/03 On-	Site Super	visor:	JR	Circ Fluid:			_Wt(ppg)	
Well Name & No: NM 36	State No. 1	l					PBTD:	
<del></del>		<del></del> _					_ 1010.	
Perforated Interval:					Field / Form	nation:		
Present Operations This	Morning:							
Beginning Time:	_				Ending 1	Time:		Hours
	Sumn	nary of (	Operatio	ons Last 2	4 Hours			
	Pull out o	of hole with	n bottom h	ole assembl	y. Laid dow	n bottor	n hole ass	embly.
	Pick Up 4	4 5/8" ove	rshot with	2 3/8" baske	t grapple pli	us 3 3/4'	' bumper s	sub.
				d 4- 3 1/2" d				
	l agged t	op of fish	at 13,123'.	. Rotated tub	ing over fish	n. Set d	own at 13,	126'
	bole ass	onts. PU	and set do	own several t fish, no mart	imes. POH	with tub	ing and bo	ttom
	or grappi	e. SDFN.	not nave	usii, no man	ks on OS gu	ilde sno	e or grapp	ie guide
	Model 4 7	101 <b>T</b>	5.6.1					
	Note: 1.7	0' Travel	- B Sub					
			<del> </del>					<del></del>
	ln	tangible	Costs		<u> </u>	Ta	ngible C	osts
		Previous		1			Previou	To Date
Well Service Unit	Daily	Cum	Cum	Draduction	Cooles -	Daily	Cum	Cum
Pump / Vacuum Truck				Production Tubing	Casing _	\$0 \$0	\$0	\$0
Cmt & Cmt Services				Rods	-	\$0	\$0 \$0	\$0 \$0
Stimulation				Wellhead E	- auin	\$0	\$0	\$0
Tubular Inspect & Test'g			•••	Subsurface		<del></del>	<del></del>	₩0
Rentals:					(Refurb)	<b>\$</b> 0	\$0	\$0
Racks, Reverse Unit					_	\$0	\$0	\$0
BOPE,Frac Tank				Artificial Lif	t Equip –	\$0	\$0	\$0
Trash Tr & Generator				Tank Batte	ry	\$0	\$0	\$0
TIW, Scraper				Other	_	\$0	\$0	\$0
Transportation (Estimate)				Credit	_	\$0	\$0	\$0
Misc Supplies								
Contract Labor (Pkr hand)				Intangib	le Cost _	\$0	\$0	\$0
Cased Hole Services				<b>_</b>	_			
Water / Mud				Tangible	Cost	\$0	\$0	\$0
Supervision		I		4	-		T	
A4 (m · ·				4				
Other (Tubing testers)	\$0	\$0	\$0	Total Co	st _	\$0	\$0	<b>\$</b> 0

Well Service Contractor:	-	<del></del>			Rig No:		Days:	
Date: <u>04/05/03</u> On-	Site Supe	ervisor:	JR	_Circ Fluid:_			- _Wt(ppg)	
Well Name & No: NM 36	State No.	.1					PBTD:	
Perforated Interval:							-	
-				F	ielu / POI	mauon.		
Present Operations This	Morning:	: <u> </u>						
Beginning Time:					Ending	Time:		Hours
	Sum	mary of	Operatio	ons Last 24	Hours			
	Laid do	wn oversho	ot, PU 3 3/	4" OD, 3" x 1"	box tap o	vershot.	RIH. tagg	ed fish at
	13,129'	, worked bo	ox tap with	rotation and	veight, ma	de 3 1/2	" hole. PO	H with tha
	and bot	tom hole a	ssembly.	Overshot was	empty.	-		· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·	Jerry, S	Scott and St	eve visited	and decided	to buildov	er shot r	nill	
	With Ting	gers, wirelin	ne and dia	mond rows.				
·				· · · · · · · · · · · · · · · · · · ·	<del></del>			·
	·							
						<del></del>		
	نا	ntangible	Costs			Ta	ngible C	osts
	Deile	Previous					Previou	To Date
Well Service Unit	<u>Daily</u>	Cum	Cum			Daily	Cum	Cum
Pump / Vacuum Truck				Production (	casing	\$0	\$0	\$0
Cmt & Cmt Services				Tubing	-	\$0	\$0	\$0
Stimulation				Rods		\$0	\$0	\$0
Tubular Inspect & Test'g				Wellhead Ed Subsurface		\$0	\$0	\$0
Rentals:		<del> </del>		Packer (		<b>¢</b> n	•	
Racks, Reverse Unit				<u> </u>	TABINIDI -	\$0 \$0	\$0 *0	\$0
BOPE,Frac Tank	-			Artificial Lift	Fauin -	\$0 \$0	\$0 \$0	\$0 <b>\$</b> 0
Trash Tr & Generator				Tank Batter		\$0	\$0	\$0 \$0
TIW, Scraper				Other	-	\$0	\$0	\$0
Transportation (Estimate)				Credit	-	\$0	\$0	\$0
Misc Supplies				]	-		<u> </u>	
Contract Labor (Pkr hand)				Intangible	Cost	\$0	\$0	\$0
Cased Hole Services				1	-	• •	<del></del>	
Water / Mud				Tangible	Cost	\$0	\$0	\$0
Supervision				1			<del>                                     </del>	
Other (Tubing testers)	\$0	\$0	<b>\$</b> 0	Total Cos	t _	\$0	\$0	\$0

Well Service Contractor:	-			Ri	g No:	_ Days:	
Date: <u>04/06/03</u> On-S	ite Supe	rvisor:	JR	Circ Fluid:		_Wt(ppg)	
Well Name & No: NM 36 S	State No.	1		·		PBTD:	
Perforated Interval:				Fie			
Present Operations This N	Morning:						
Beginning Time:	-				Ending Time:		Hours
	Sum	mary of (	Operatio	ons Last 24 h	iours		
	SD. Bui	lding fishing		•			
					···	<del></del>	
					····	<del></del>	<del></del>
	li	ntangible	Costs	**********	I	angible C	osts
	Daile	Previous			<b>D</b> - 15.	Previou	To Date
Well Service Unit	Daily	Cum	Cum	Production Ca	Daily sing \$0		Cum
Pump / Vacuum Truck				Tubing	\$0 \$0	\$0 \$0	\$0
Cmt & Cmt Services	·			Rods	<u>\$0</u>	\$0	\$0
Stimulation				Wellhead Equ		\$0	\$0 \$0
Tubular Inspect & Test'g				Subsurface E		- +	₩0
Rentals:				Packer (R		\$0	\$0
Racks, Reverse Unit					\$0	\$0	\$0
BOPE,Frac Tank				Artificial Lift E		\$0	\$0
Trash Tr & Generator				Tank Battery	\$0	\$0	\$0
TIW, Scraper				Other	\$0	\$0	\$0
Transportation (Estimate) Misc Supplies				Credit	\$0	\$0	\$0
Contract Labor (Pkr hand)				Intangible	Cost \$0	\$0	\$0
Cased Hole Services				1		7-	<del>                                     </del>
Water / Mud				Tangible C	ost \$0	\$0	\$0
Supervision		<u> </u>		1 -2.5.2.0		<del>-   • • • • • • • • • • • • • • • • • • </del>	+ **
Other (Tubing testers)	\$0	\$0	\$0	Total Cost	<u>\$0</u>	\$0	\$0
Credite / Notes:							

Well Service Contractor:					Rig No:		Days:	
Date: 04/07/03 On-S	Site Supe	rvisor:	JR	_Circ Fluid:			Wt(ppg)	
Well Name & No: NM 36 S	State No.	1					PBTD:	
Dorfords dilutural						·	. PBID:	
Perforated Interval:					Field / Forma	tion:		
Present Operations This	Morning:							
Beginning Time:	_				Ending Ti	me:		Hours
	\$	Summar	y of Ope	erations Last 24	<u>Hours</u>	.•		₹¥
	RIH w/	1 5/8" mill s	shoe w/spe	ecial built fishing tool,	1-jt of 4 1/2"			
	WP, 3 1	1/16" jars,	4 - 3 1/2"	DC, TBHA 162.76'. T	agged fish			
	Bled tub	ing off. PC	H with tub	3,120', worked shoe t ing and BHA. Recov	0 13,130'.	···	······································	
	575' Mo	del R Man	drel. SDFN	I.	ered listi			
						<del></del>		
		1 Bad Jt.	N-80			·		
<del></del>	New Tal	ley		297 Jts. J-55	9,331.05'			
	On Loca	tion Total		130 Jts. N-80 427 Jts.	4,115.88'			
	- O.I. 2000	tton Total		427 JIS.	13,446.93'		<del></del>	
		Intang	ible Cos	its		Ta	ngible (	Costs
		Previous	To Date			ı	Previou	To Date
147-11-0	Daily	Cum	Cum			Daily	Cum	Cum
Well Service Unit Pump / Vacuum Truck				Production Casing		\$0	\$0	\$0
Cmt & Cmt Services				Tubing		\$0	\$0	<b>\$</b> 0
Stimulation				Rods		\$0	\$0	\$0
Tubular Inspect & Test'g				Wellhead Equip Subsurface Equip:		\$0	\$0	\$0
Rentals:					(Refurb)	60	•	
Racks, Reverse Unit	ŀ			Laorei	T. (L. CELOTO)	\$0 \$0	\$0 \$0	\$0 \$0
BOPE,Frac Tank				Artificial Lift Equip		\$0	\$0	\$0
Trash Tr & Generator				Tank Battery		\$0	\$0	\$0
TIW, Scraper				Other		\$0	\$0	\$0
Transportation (Estimate)				Credit		\$0	\$0	\$0
Misc Supplies Contract Labor (Pkr hand)				!				
Cased Hole Services				Intangible Cost	:	\$0	\$0	\$0
Water / Mud				Tammihi - O - 1				
Supervision				Tangible Cost		\$0	\$0	\$0
Other (Tubing testers)	\$0	\$0	\$0	Total Cost		\$0	\$0	\$0

Well Service Contractor:	<del></del>		<u>-</u>		Rig No:	Days:	
Date: 04/08/03 On-	Site Sup	ervisor:	JR	_Circ Fluid:		Wt(ppg	)
Well Name & No: NM 36	State No	. 1				PBTD	)•
Perforated Interval:				President			·
				FIBI	d / Formation:		
Present Operations This	Morning	:					
Beginning Time:	_				Ending Time:		Hours
		Summar	y of Ope	erations Last 24 Hou	rs .		
	PU 4 1	/8" short ca	tch OS w/	3 1/16" grapple w/stop, bu			
	<u>sub, 3</u>	<u>11/</u> 16" jars,	4 - 3 1/2"	DC. RIH tag sand @ 13.1	27'.		<del></del>
	RU air,	wash dow	n to TOF @	2 13,130', latch onto & rele	ease		<del></del>
	DK plu	g assembly	', blew wel	down, tubing flowing gas	& water		
	pumper	d 10 bbls K	CL water v	w/air rig pump down tubing	J. POH		
	for 10"	y 1 1/4" of	1A, recove	red seal assembly plug ex sion, will fish w/slick line in	cept		
	SDFN.	X 1 1/4 OI	upe exteri	Sion, will tish w/slick line in	am.		
		Intang	ible Cos	ets	]	angible	Costs
		Previous		I		Previou	To Date
Well Service Unit	Daily	Cum	Cum		_Dail		Cum
Pump / Vacuum Truck				Production Casing	\$0	\$0	\$0
Cmt & Cmt Services				Tubing Rods	\$0	\$0	\$0
Stimulation				Wellhead Equip	\$0	\$0	\$0
Tubular Inspect & Test'g				Subsurface Equip:	\$0	\$0	\$0
Rentals:				Packer (Ref	urb) \$0	\$0	\$0
Racks, Reverse Unit BOPE,Frac Tank					\$0	\$0	\$0
Trash Tr & Generator				Artificial Lift Equip	\$0	\$0	\$0
TIW, Scraper				Tank Battery Other	\$0	\$0	\$0
Transportation (Estimate)				Credit	\$0_	\$0	\$0
Misc Supplies			-		\$0_	\$0	\$0
Contract Labor (Pkr hand) Cased Hole Services				Intangible Cost	\$0	\$0	\$0
Water / Mud				Tangible Cost	\$0	\$0	\$0
Supervision Other (Tubing testers)	\$0	\$0	\$0	Total Cost	\$0	\$0	
Credits / Notes:						40	\$0

Well Name & No: NM 36  Perforated Interval:   Present Operations This			JR		ield / Format		Wt(ppg) PBTD:	
Well Name & No: NM 36  Perforated Interval:  Present Operations This  Beginning Time:				F	ield / Format	<del></del>	PBTD:	
Present Operations This				F	ield / Format			
	Morning:		··			ion:		
Beginning Time:								
	_				Ending Tir	ne:		Hours
	Sum	ımar	y of Ope	erations Last 24 He	ours	, •		: ÷
	RIH w/ 1 1/4	" ener	ar on flick l	las unable to cates a	udb = £			
	fish. POH P	opea U and	RIH W/ 3	ine, unable to enter mo 3/4" x 2" tappered tap,	utn of			
· · · · · · · · · · · · · · · · · · ·	into fish seve	eral tir	nes, pulled	l loose fish appears to	he corroded	·		
	inside packe	r. PC	H shut do	wn for rig repairs (repla	ced brake		-	
	drums). Will	start	in hole wit	n milling tool in a.m	occ Drake			<del></del>
								<del></del>
				***************************************				
					* ***			
	In	tang	ible Cos	ats		Ta	ngible (	Costs
			To Date	l		ĵı	Previou	To Date
144.11.0	Daily C	um	Cum			Daily	Cum	Cum
Well Service Unit				Production Casing		\$0	\$0	\$0
Pump / Vacuum Truck				Tubing		\$0	\$0	\$0
Cmt & Cmt Services				Rods		\$0	\$0	\$0
Stimulation				Wellhead Equip		\$0	\$0	\$0
Tubular Inspect & Test'g Rentals:			<u> </u>	Subsurface Equip:				
	1			Packer (	Refurb)	\$0	\$0	\$0
Racks, Reverse Unit BOPE,Frac Tank						\$0	\$0	\$0
Trash Tr & Generator		_		Artificial Lift Equip		\$0	\$0	\$0
TIW, Scraper				Tank Battery		\$0	\$0	\$0
Transportation (Estimate)				Other		\$0	\$0	<b>\$</b> 0
Misc Supplies				Credit		\$0	\$0	\$0
Contract Labor (Pkr hand)				 		İ		
Cased Hole Services				Intangible Cost		\$0	\$0	\$0
	<del></del>					T		
Water / Mud				Tangible Cost		\$0	\$0	\$0
Supervision							· · · · · · ·	
Other (Tubing testers)	\$0 \$	0	\$0	Total Cost		\$0	\$0	\$0

Well Service Contractor:	-				Rig No:		Days:		
Date: <u>04/10/03</u> On-	Site Sup	ervisor:	JR	_Circ Fluid:			-		
Well Name & No: NM 36	State No	. 1							
			·				_ PBTD:		
Perforated Interval:					Field / Formatio	n:			
Present Operations This	Morning								
Beginning Time:	-				Ending Time	ə:		Hours	
		Summar	y of Ope	erations Last 24 H	<u>lours</u>	.·		4	
			;						
	PU 4 5	8" mill sho	e, 4 1/2" ex	ctension, 1 joint wash	pipe, jars,				
	4 - 3 1/2	2" drill colla	rs, cross o	over, BOA @ 166.87'.	RIH w/ 112 joints	3.			
	lagged	obstructio	n @ 10,20	0', jarred loose. RIH s	slowly pushing				
	Obstruc	tion to top	of packer.	Wash down w /air to	top of fish @ 13,	130'.			
	Willed C	od to blood	cker w/ 3 p	oints of weight. Lost	air circulation				
	wedge	ed to bleed	oπ air pre	ssure in tubing. Top	of packer is				
	tool to r	elease air	or the n	mill shoe. Will require s	special bleed off				
	1001101	cicase all	Diessure.	SD to PU tool @ Smit	n Fishing Tool.				
								<del></del>	
	Intangible Costs					Tangible Costs			
		Previous	To Date	1			Previou	To Date	
144 11 5 1 1 1 1 1 1	Daily	Cum	Cum			Daily		Cum	
Well Service Unit				Production Casing	<del>_</del>	\$0	\$0	\$0	
Pump / Vacuum Truck				Tubing	<del></del>	\$0	\$0	\$0	
Cmt & Cmt Services	-			Rods		\$0	\$0	\$0	
Stimulation				Wellhead Equip	_	\$0	\$0	\$0	
Tubular Inspect & Test'g Rentals:				Subsurface Equip:	_				
Racks, Reverse Unit			:	Packer	(Refurb)	\$0	\$0	<b>\$</b> 0	
BOPE,Frac Tank						\$0	\$0	\$0	
Trash Tr & Generator		<b>  </b>		Artificial Lift Equip		\$0	\$0	\$0	
TiW, Scraper		<b> </b>		Tank Battery	_	\$0	\$0	\$0	
Transportation (Estimate)		<del></del>		Other		\$0	\$0	\$0	
Misc Supplies		<del></del>		Credit		\$0	\$0	\$0	
Contract Labor (Pkr hand)				Intangible Cost					
Cased Hole Services				Intangible Cost	-	\$0	\$0	\$0	
Water / Mud				Tonnible O					
Supervision				Tangible Cost		\$0	\$0	\$0	
SUDELVISION									
Other (Tubing testers)	\$0	\$0	\$0	Total Cost		\$0	<b>\$</b> 6	\$0	



**DATE: 4-11-03** 

**ON-SITE SUPERVISOR – JERRY RICKER** 

#### **SUMMARY OF LAST 24 HOURS OPERATIONS**

RU stinger, released air pressure in tubing (35 min). Lowered tubing and BHA, tagged fish @ 13,114', set off jars x 5, air compressor could not break circulation (pump time 2 hrs 45 min). Released air pressure off tubing (1 hr 50 min) and back side. Pull shoe to 11,880', air compressor ran off 10 min and locked up by passing air to vent line. Air compressor company alleged tubing was plugged. There was a disagreement between owner of air compressor company and myself. POH with tubing and BHA, tubing was not plugged. Air compressor employee discovered 2 bad discharge valves, mill shoe indicated top of fish had entered tool 5". RIH w/tubing and BHA to 10,043'. SD for air compressor repairs. NOTE: Field tickets for air compressor 10th and 11th to be adjusted.



**DATE: 4-12-03** 

**ON-SITE SUPERVISOR - JERRY RICKER** 

#### **SUMMARY OF LAST 24 HOURS OPERATIONS**

Installed 250# WP separator @ tank battery. RIH w/tubing to 11,218', start air @ 9:30 a.m., broke circulation @ 11:50 a.m., circulate hole clean, clean @ 12:15 p.m., wash in hole to 13,114', hook up swivel wash down to 13,135' + or -, well caught pressure @ 6:30 p.m. Pulled up to 13,114, connected tubing flow line from casing to separator and gas sales line, flow rate 90 mcf @ 450# casing, left over night for well to blow down, SD 8:00 p.m.



**DATE: 4-13-03** 

**ON-SITE SUPERVISOR – JERRY RICKER** 

#### **SUMMARY OF LAST 24 HOURS OPERATIONS**

Well flowed overnight through gas meter, flow rate @ 5:30 a.m. 70 mcfpd, 600# tubing. Opened tubing and casing to pit, could not blow down, pumped 6 bbls 390 KCL down tubing. Latched on to tubing, tubing stuck, worked shoe loose, POH w/600' tubing, well came in, pumped KCL down tubing. POH w/24 joints tubing, well came in. Will rig up kill truck in a.m. Left well flowing thru gas meter. SD



**DATE: 4-14-03** 

ON-SITE SUPERVISOR - JERRY RICKER

#### **SUMMARY OF LAST 24 HOURS OPERATIONS**

Well had frozen flow line over night. Casing PSI 1600, bled well to pit, kill truck, pumped 50 bbls 390 down tubing, POH w/tubing and BHA. Bottom 8 joints were corked-screwed. Note: Good pipe on location.

293 joints J-55 @ 9200.57' 130 joints N-80 @ 4115.88' Total 423 joints @ 13,316.45'

RU & RIH w/ 2 11/16" spear w 2 11/16" grapple.

3 ½" xo 3 ½" bumper sub 3 ½" jars 4 – 3 ½" DC's 3 ½" xo BHA 139.16'

RIH w/BHA, 2 3/8" tubing tag @ 13,112', jar on fish 4 ½ hours, worked fish up to 13,067', worked fish down to 13,161', pulled 10 pointts above weight of pipe, left over night.



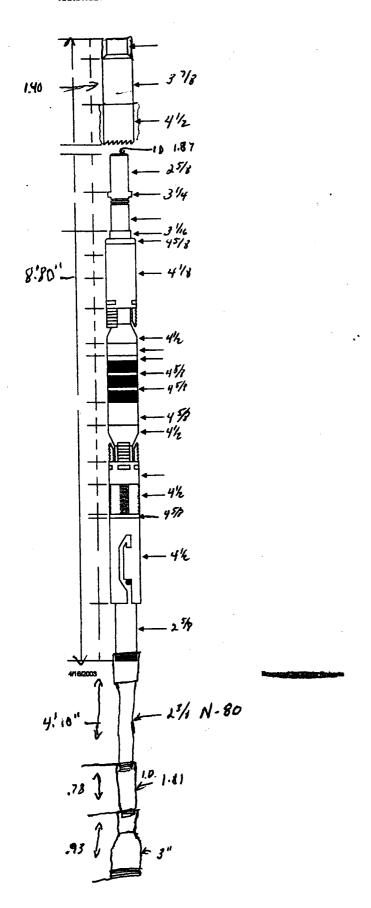
DATE: 4-15-03

**ON-SITE SUPERVISOR -- JERRY RICKER** 

300# on casing, bled off to pit, worked fish loose. POH standing back 120 joints of N-80, LD 128 joints J-55. Racked 9300' used D&T 10,000#, started out of hole w/tubing, BHA & fish. Wind became too strong to work safely. Connected flow line. Left well open on #6 choke to separator, flow rate 70 mcfpd @ 450#.

ROCA RESOURCE CO

NEW MEXICO 36 State #1
16 April 03
10K ARROW SET WIRE line





**DATE: 4-16-03** 

**ON-SITE SUPERVISOR - JERRY RICKER** 

POH w/tubing & BHA. Laying down 2 3/8" J-55, LD BHA w/complete fish, packer, 5 ½ Backer OR, 10 sub w/1.87 profile nipple w/Backer "F" plug, 10' tubing sub w/1.81 R nipple, wireline guide 3" swedge, RD fishing tool. Released all related equipment on location. RU JSI Wireline, RIH w/gauge ring and junk basket to 13,169', tagged 2<sup>nd</sup> fish, POH, RU 10K Arrow wireline set packer w/1.87 profile nipple and 0/0 tool connection, packer body w/ 4' 10" 2 3/8" tubing sub N-80 w/ 1.81 profile nipple, 2 x 3" guide swedge. RIH to 13,113'. Correlate depth to bond log, set packer w/40K# charge. POH w/wirline. Note: see attached diagram of arrowset 1x WL set w/o/o tool and profile nipple. PU on/off tool. RIH w/ 2 3/8" N-80 in derrick, PU 200 joints 2 3/8" D&T N-80 from pipe rack. Left well flowing through gas meter. SDFN.



**DATE: 4-17-03** 

**ON-SITE SUPERVISOR – JERRY RICKER** 

RIH w/tubing, BHA and on/off tool, tagged top of packer w/422 joints 2 3/8" tubing @ 13,119.52'. Latched on/off tool, unlatched on/off tool, latached on/off tool w/14 points compression, Nipple down on BOP, nipple up well head, 3,000# flange type 12 bolt hole w/1 ½" bolts w/5,000# master valve full opening 2 3/8". PU JSI slick line, tagged packer plug @ 13,119'. Pulled equalizer prong loose, POH, PU plug catcher, RIH, catch plug, POH w/ 1600# tubing pressure. RD JSI Wireline. Hook up flow line, left well flowing on #6 choke @ 900# 70 mcfpd. RD Pool Well Service. All equipment released.

Note: Top of Production Packer @ 13,119.52'
Bottom of Production Packer @ 13,133.73'
2<sup>nd</sup> Packer Fish @ 13,169.00 + or -