Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other       Other       6. If Indian, Allottee or Tribe Na         b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other       7. Unit or CA Agreement Name         2. Name of Operator ☐ ENERGEN RESOURCES CORPORATION       Contact: VICKI DONAGHEY ☐ E-Mail: vdonaghe@energen.com       8. Lease Name and Well No. SANTA ROSA 30-9-31 2	ime	
Other 7. Unit or CA Agreement Name  2. Name of Operator Contact: VICKI DONAGHEY 8. Lease Name and Well No.		
Name of Operator Contact: VICKI DONAGHEY     ENERGEN RESOURCES CORPORATION E-Mail: vdonaghe@energen.com     SANTA ROSA 30-9-31 2	and No.	
	OSA 30-9-31 2	
3. Address 2198 BLOOMFIELD HIGHWAY 3a. Phone No. (include area code) 9. API Well No. ph: 505/325/6800 Ext: 238 30-045-31856	j-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  Sec 31 T30N R9W Mer NMP  BASIN FRUITLAND COAL  BASIN FRUITLAND COAL	L <sup>-</sup>	
11. Sec., T., R., M., or Block and or Area Sec 31 T30N R9V	d Survey V Mer NMP	
At top prod interval reported below 12. County or Parish 13. S	tate	
	<u>7*</u> M	
10/13/2004 10/24/2004 D&A Ready to Prod 5727 GL	"	
18. Total Depth: MD 2501 19. Plug Back T.D.: MD 2459 20. Depth Bridge Plug Set: MD TVD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  CNL GR CCL OTH  22. Was well cored?  Was DST run?  Directional Survey?  No  Yes (Submit Yes (	analysis)	
3. Casing and Liner Record (Report all strings set in well)	anatysis)	
Hole Size	ınt Pulled	
12.250 8.625 J-55 24.0 320 260		
7.875 5.500 J-55 15.5 2482 560		
	<del></del>	
	<del></del>	
24. Tubing Record  Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (M	epth (MD)	
2.375 2258	cptii (MD)	
25. Producing Intervals 26. Perforation Record		
Formation Top Bottom Perforated Interval Size No. Holes Perf. St	atus	
A) FRUITLAND COAL 2041 2218 2041 TO 2218 0.340 50 2 JSPF B) 2252 TO 2266 0.340 56 4 JSPF		
C) 2232 10 2200 0.340 36 4 35FF		
D)		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		
Depth Interval Amount and Type of Material  2041 TO 2218 87.845 GALS 70Q DELTA 140 FOAM & 5,000# 40/70 SAND & 150,000# 20/40 SAND		
2252 TO 2266 74,309 GALS 70Q DELTA 140 FOAM & 4,500# 40/70 SAND & 69,800# 20/40 SAND		
28. Production - Interval A		
tate First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method		
roduced Date Tested Production BBL MCF BBL Corr. API Gravity  A 12/01/2004 2 135.0 FLOWS FROM WELL		
hoke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status ize Flwg. O Press. Rate BBL MCF BBL Ratio		
Si 100   110.0   0   135   0   GSI   28a. Production - Interval B	<del></del>	
	FOR	
Date First Test Date Test Date Test Date Test Date Test Date Tested Production Date Test Date Tested Production Date Date Date Date Date Date Date Date		
Choke Tbg Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Lize Flwg. Press. Rate BBL MCF BBL Ratio	7 2004	
	M FIELU OFFI	

\*\* BLM REVISED \*\*

28b. Produ	action - Interv	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil Gas BBL MCF		Water BBL	Oil Gravity Corr. API	Gas Gravit	У	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	tatus			
28c. Produ	iction - Interv	/al D				<u>'</u>	<u>-</u>					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	у	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status	,		
29. Dispos SOLD	sition of Gas(	Sold, used	for fuel, vent	ed, etc.)		•		I				
	ary of Porous	Zones (Inc	clude Aquife	rs):					I 31. For	mation (Log) Markers		
Show a tests, in	all important	zones of po	orosity and co	ontents there		intervals and , flowing and	all drill-stem shut-in pressure	es	, .			
Formation			Тор	Bottom		Description	ns, Contents, etc	<b>:</b> .	Name Top Meas. De			
NACIMIENTO OJO ALAMO			0 1067	1067 1205			W- M - L - W- W		OJO ALAMO KIRTLAND FRUITLAND FRUITLAND COAL PICTURED CLIFFS			
				Ā.								
	onal remarks		lugging proc	l edure):					1			
<ol> <li>33. Circle enclosed attachments:</li> <li>1. Electrical/Mechanical Logs (1 full set req'd.)</li> <li>2. Geologic Report</li> <li>5. Sundry Notice for plugging and cement verification</li> <li>6. Core Analysis</li> </ol>						•	3. DST Report 4. Directional Survey 7 Other:					
	oy certify that	Co	Elect For mmitted to	ronic Subn r ENERGE	nission #51 N RESOU	439 Verified RCES COR	by the BLM W PORATION, s NNE BRUMLE	ell Inform	nation Sy Farming 7/2004 (0	ton 95AXB0466SE)	ections):	
Signature (Electronic Submission)						<del></del> _	Date 12/02/2004					