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 COMPL	ETION OF DE	YOURDI ETION	DEDADT	AND	-
WELL COMPL	FIION OR REC	JUMPLETION	REPURI	ANU	LUG

1. Type of Completion Service Well Work Over Deepen Play Back Diff. Revir. Diff. R		WELL O	Ony L	, , , , , ,		70 E.							N	IMSF0780)50	
Cheer	la. Type of	Well 0											6. If	Indian, Al	ottee o	r Tribe Name
Name of Operator ENERGEN RESOURCES CORPORATION	b. Type of	Completion	_		_	Over	Deepen	□ Pl	ug Back			SVT.	7. U	nit or CA	Agreem	ent Name and No.
3. Address 2198 BLOOMFELD HIGHWAY FARMINGTON, NM 87401 3. Location of Well (Report location clearly and in accordance with Federal requirements) 4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWSE 2105781. 1650/FEL At surface NWSE 2105781. 1650/FEL At topic and interval reported below At total depth At total depth 1. Disc Synaddod O0/25/25004 1. Disc Completed O0/25/25004 1. Di			RCES C	ORPORAT	ION	Conta	ct: VICKI E-Mail:	DONAGE vdonage	EY	76. r						
At surface As surface As surface As surface As top prod interval reported below At total depth 15. Duier T.D. Reached 092/27/2004 16. Due Completed 17. Pipe Spunded 17. Elevations (DF, KB, RT, GL)* 17. Elevations (DF, KB, RT, GL)* 18. Total Depth: 17. Dup 2695 19. Plug Back T.D. MD 28. A. Be Ready to Prod. 117. Type Debt Berefice & Other Mechanical Logs Run (Submit copy of each) 17. Type Elevation & Other Mechanical Logs Run (Submit copy of each) 18. Total Depth: 19. Plug Back T.D. MD 29. Was ENT nu? 21. Type Elevation & Other Mechanical Logs Run (Submit copy of each) 21. Type Elevation & Other Mechanical Logs Run (Submit copy of each) 19. Plug Back T.D. MD 20. Depth Bridge Plug Set MD 70. CR C.C. 10. Size Size/Grade Wt. (##h), (MD) 10. Bottom 11. Type of Cermant (BBL) 11. County York (BBL) 12. County Feet Submit analysis) 13. Casing and Liner Record (Report all strings set in well) 14. Tubing Record 15. Due to T.D. MD 16. Due to T.D. MD 21. Type Size/Grade Wt. (##h) 17. Ferror (BBL) 18. Total Depth: 19. Plug Back T.D. MD 22. Was self corest? 23. Exercised Wt. (##h) 24. Tubing Record 24. Tubing Record 25. Porforation Record 26. Perforation Record 27. 275 275 Producing Interval 28. Producing Interval 29. Producing Interval 29. Total Reported Interval 29. Total Reported Interval 29. Producing Interval 29. Total Reported Interval 29. Producing Interval 29. Total Reported Interval	3. Address				Υ		3:	a. Phone	No. (inc	lude area	ode)	20	9-\A	PI Well No		45-32145-00-S1
At top prod interval reported below At total depth 15. Date T.D. Reached		Sec 4 T	⁻ 27N R9	W Mer NMF	d in acco	rdance wit	h Federal re	equiremer	its);*	C.))				
At total depth A. Date Spudded Og/26/2004									100 m	ِ الْمَانِّ	ن ۾ ا	, (r	% 0	r Area Se	c 4 T2	Block and Survey 7N R9W Mer NMP
O9728/2004	• •		•						1	L.S.M.	st 57	J. Dir				
TVD								$ \Box D$	& A	Ready	to Pro	od.	17. 1	Elevations	(DF, K	B, RT, GL)*
See Performance Performa	18. Total D	epth:		2655		19. Plug B	ack T.D.:)	2609		20. Dep	th Bri	dge Plug S		TVD
Hole Size Size/Grade Wt. (#/ft.) Top Bottom (MD) Stage Cementer Depth Type of Cement Typ			er Mecha	nical Logs Ru	un (Subm	nit copy of	each)			1	Vas D	ST run?	? vey?	No No No	⊢ Yes	s (Submit analysis)
Hole Size Size Victoriade Wit. (#/fit.) (MD) (MD) Depth Type of Cement (BBL) Cement Op* Amount Pulled	23. Casing at	nd Liner Reco	rd (Repo	ort all strings										1000		
7.875	Hole Size	Size/Gr	ade	Wt. (#/ft.)	_		· ·	•				•		Cement	Top*	Amount Pulled
24. Tubing Record									_							
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth	7.875	5.5	00 J-55	15.5			2655		+-		500			<u> </u>		
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Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth						<u> </u>		***************************************	+	1				1		
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2.375 2553 25 Producting Intervals 26 Perforation Record Size No. Holes Perf. Status			D) D	1 5 1	(1 (D) T	a: I	D 4.0 /	(147)		D 1 01	<u>Б</u> , Т	o:	I 5	10.0	<u> </u>	B 1 B 1 0/B
25. Producting Intervals 26. Perforation Record Size No. Holes Perf. Status		<u> </u>		acker Depth ((MD)	Size	Depth Set	(MD)	Packer	Depth (M	D)	Size	De	epth Set (N	10)	Packer Depth (MD)
A) FRUITLAND COAL 2310 2430 2310 TO 2430 0.360 66 2 JSPF B) 2486 TO 2511 0.360 56 4 JSPF C) Depth Interval A Depth Interval 2310 TO 2430 91.866 GALS. 70Q DELTA 140 FOAM & 5,000# 40/70 SAND & 129,000# 20/40 SAND 2486 TO 2511 43.691 GALS. 70Q DELTA 140 FOAM & 5,000# 40/70 SAND & 53,000# 20/40 SAND 28. Production - Interval A Date First Test Production BBL Gas BBL Corr API Gravity Gas Flwg OPress. Rate BBL MCF BBL Ratio GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL Ratio GSI 28a. Production - Interval B Date First Test Hours Test BBL MCF BBL Ratio GSI 28a. Production - Interval B Date First Test BBL MCF BBL Gas Oil Gravity Gas Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Ratio GSI 28a. Production - Interval B Date First Test BBL MCF BBL Gas Oil Gravity Gas Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL Gravity GSI Choke Tbg Press Ccg 24 Hr. Oil Gas BBL MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas MCF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas McF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas McF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas McF BBL GSI Choke Tbg Press Ccg 24 Hr. Oil Gas McF BBL GSI Choke Tbg Press Ccg 25 Hr. O			.550				26. Perf	oration Re	cord		L		Ь			· · · · · · · · · · · · · · · · · · ·
B 2486 TO 2511 0.360 56 4 JSPF	Fo	ormation		Тор		Bottom		Perforate	d Interv	al	\top	Size	1	No. Holes	1	Perf. Status
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Amount and Type of Material	A) FF	RUITLAND C	OAL		2310	243	0		231	0 TO 243	0	0.30	60	66	2 JS	PF
D 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									248	36 TO 251	1	0.3	60	56	6 4 JS	PF
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material									_				_			
Depth Interval		racture Treatr	nent Cer	ment Squeeze	Etc		<u></u>									
2310 TO 2430 91,866 GALS. 70Q DELTA 140 FOAM & 5,000# 40/70 SAND & 129,000# 20/40 SAND 2486 TO 2511 43,691 GALS. 70Q DELTA 140 FOAM & 5,000# 40/70 SAND & 53,000# 20/40 SAND 28. Production - Interval A Date First			***************************************	T Squeeze	, Lu.	***			Amount	t and Type	of Ma	aterial				
28. Production - Interval A Date First				430 91,866 0	SALS. 700	Q DELTA 1	40 FOAM &	5,000# 40					D			<u></u>
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gas Gravity FLOWS FROM WELL Choke Tbg Press. Size Flwg. 0 SI 15 350.0 Test BBL MCF BBL MCF BBL Ratio GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Ratio GSI Choke Size Flwg. 0 Flwg. 0 Flwg. 0 GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Rate BBL MCF BBL Ratio MCF BBL Water GSI Size Flwg. Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Csg. Csg. Rate BBL MCF BBL Ratio Water BBL Ratio Well Status Choke Size Flwg. Size Csg. Csg. Csg. Csg. Csg. Csg. Csg. Csg.		248	36 TO 2	511 43,691 0	SALS. 700	Q DELTA 1	40 FOAM &	5,000# 4	0/70 SAN	ND & 53,00	0# 20/	40 SANE				
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gas Gravity FLOWS FROM WELL Choke Tbg Press. Size Flwg. 0 SI 15 350.0 Test BBL MCF BBL MCF BBL Ratio GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Ratio GSI Choke Size Flwg. 0 Flwg. 0 Flwg. 0 GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Rate BBL MCF BBL Ratio MCF BBL Water GSI Size Flwg. Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Csg. Csg. Rate BBL MCF BBL Ratio Water BBL Ratio Well Status Choke Size Flwg. Size Csg. Csg. Csg. Csg. Csg. Csg. Csg. Csg.																
Date First Produced Date Tested Production BBL MCF BBL Corr. API Gas Gravity FLOWS FROM WELL Choke Tbg Press. Size Flwg. 0 SI 15 350.0 Test BBL MCF BBL MCF BBL Ratio GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Ratio GSI Choke Size Flwg. 0 Flwg. 0 Flwg. 0 GSI Date First Production - Interval B Date First Production - Interval B Date First Production Tested Production BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Gravity GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Rate BBL MCF BBL Ratio MCF BBL Water GSI Size Flwg. Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. 24 Hr. Oil GSI Choke Tbg Press. Csg. Csg. Csg. Rate BBL MCF BBL Ratio Water BBL Ratio Well Status Choke Size Flwg. Size Csg. Csg. Csg. Csg. Csg. Csg. Csg. Csg.	28. Product	ion - Interval	A	<u> </u>												
A 11/17/2004 2 0.0 130.0 0.0 FLOWS FROM WELL Choke Tog Press. Csg. 24 Hr. Oil Gas Water BBL Ratio GSI 15 350.0 0 130 0 0 GSI Z8a. Production - Interval B Date First Produced Date Tested Production BBL MCF BBL MCF BBL Corr. API Gravity		Test		Test	Oil	Gas	Water	Oi	Gravity	10	Gas	T	Product	tion Method		
Choke Size Five O Press. Rate BBL MCF BBL Ratio GSI 28a. Production - Interval B Date First Produced Date Tested Production BBL MCF BBL MCF BBL Corr. API Gravity Gr				Production					π. API	.	Gravity			FLO	WS FR	OM WELL
28a. Production - Interval B Date First		Tbg. Press.			Oil	Gas	. Water	Ga			Well Sta	tus				
Date First	28a, Produc				0	130) (D			G	SI			_	
Produced Date Tested Production BBL MCF BBL Corr. API Gravity ACCEPTED FOR RECORD Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Ratio Well Status Size Flwg. Press. Press. Press. Size DBL MCF BBL Ratio Well Status (See Instructions and spaces for additional data on reverse side)	Date First	Test	Hours										Product	tion Method	Ch., Will Bernesen	
Size Flwg. Press. Rate BBL MCF BBL Ratio (See Instructions and spaces for additional data on reverse side) Floring Press. Rate BBL MCF BBL Ratio	Produced	Date	Tested	Production	BBL	MCF	BBL	Co	rr. API	l	Gravity			ACCE	PTED	FOR RECORD
ELECTRONIC CURATCOLON 481105 VERTEER BY THE RESIDENT AND COURSES ON CHORAGE STREET AND COURSES OF COURSE OF COURSES OF COURSE OF		Flwg.									Well Sta	tus		N	07 2	9 2004
	(See Instruct	NIC CLIDATE	CIONIA	21107 VEDY	DIDD DA	/ TOTAL TOT	M WELL D ** BLN	INFORM	1ATION	N SYSTEM	M REV	ISED '	* BL	MREV	iid (U) ISED	ALLO OFFICE

28b. Prod	uction - Inter	val C									
Date First	Test	Hours	Test	Oil	Gas		Oil Gravity	Gas Gravity	Production Metho	d	
Produced	Date	Tested .	Production	BBL	MCF	BBL	Соп. АРІ	Gravity			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas:Oil Ratio	Well Statu	s		
	SI								•		
	uction - Inter					- T					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Oil Gravity Corr. API	Gas Gravity	Production Metho	od.	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Gas: Oil Ratio	Well Statu	us		
		Sold, used	for fuel, ven	ted, etc.)							***************************************
	TURED	s Zones (Ir	iclude Aquife	rc).				13	1. Formation (Log)	Markers	
Show tests,	all important	zones of p	orosity and c	ontents there	eof: Cored e tool ope	intervals and al	l drill-stem hut-in pressure		(-8)		
Formation			Тор	Bottom		Descriptions	, Contents, etc		Name	Top Meas. Depth	
SAN JOS NACIMIEI OJO ALAI	OTV		0 359 1558	359 1558 1701					NACIMIENTO OJO ALAMO KIRTLAND FRUITLAND		460 1475 1660 2284
									FRUITLAND CO PICTURED CLII		2309 2520
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32. Addit	ional remark	s (include p	olugging proc	edure):							*
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	enclosed att		s (1 full set re	and)		. Contante D		3 5	CT Domont	4 Dimen	1 C
		-	g and cement	. /		 Geologic R Core Analy 	•	7 Oti	ST Report her:	4. Directio	nai Survey
34 There	by certify the	t the foreg	oing and attac	shed informs	tion is co	mplete and corre	ect as determin	ed from all av	vailable records (see	attached instruct	ona):
5 II T HOTO	oy corniy in		Elect Fo	ronic Subm r ENERGE	ission #51 N RESOU	1107 Verified b	y the BLM W DRATION, se	ell Informati ent to the Far	on System. mington		
Name	(please prin		ommitted to	AFMSS for	processin	g by ADRIEN!	NE BRUMLE	Y on 11/29/20	004 (05AXB0380SE N ASSISTANT	E) 	
o:	tura	(Electro)	nic Submiss	ion)				4/40/0004			
Signa	luic	(LICCIO	IIIC GUDITIISS	IOH)			Date 1	1/19/2004			