Form 3460-4 (September 2001)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLET	ION DEDODT AND LOG

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2004 5. Lease Serial No. MD4 701-98-0013

18. Total Depth: MD 7245' TVD 3734' 19. Plug Back T.D.: MD 7245' TVD 3734' TVD 3734' 19. Plug Back T.D.: MD 7245' TVD 3745' Tun' TVD 3745	la. Type of						Well [her	D N	D1.		:cc n		/	•	ee or Tribe Name	
Digital Public Content	b. Type of	Completi	on:		•			vork Over	Dee	pen 🗀 Pit	ig Back		III. Kesv	vr.			ement Name and No.	
Summer of Operations State Hills Case Recourtest, Inc				Ot	her _	Horizo	ontai			7115 00	JT 1	<u>2 Pü</u>	11	1//				
3. Address 3. (Pupple No. (reclude array accolus) 3. (Pupple No. (reclud		•												/ [8. Lease	Name and	l Well No.	
200 N 18 PO Box 249 Bloomfield, MN 87413 500-5934[1] 11.7 12.0 12.0 13.0 13.0 14.0 14.0 15.0 14.0 15.0			irces, Ir	ıc						2. Dhana				, 				
4 Location of Well (Report Sociation clearly and in accordance with Federal requirements)* At surface 605 FSL, 8.42 FEL. (S. ES) Sec. 8, T28N, RO2W At loap fod, interval reported below 1907 FSL & 1234 FWL. Sec. 8, T28N, RO2W At load depth 1907 FSL & 1234 FWL. Sec. 8, T28N, RO2W At			140 DIA	omeial	a NIN	1 971	12			Sa. Phone		ciuae ar	ea coae,	심해	9. API	Well No.		
At surface 609 FSL & 425 FEL (SE SE) Sec. 8, TZ8N, R02W At top pred interval reported below 1907 FSL & 1234 FWL Sec. 8, TZ8N, R02W At top pred interval reported below 1907 FSL & 1234 FWL Sec. 8, TZ8N, R02W At total depth 1907 FSL & 1234 FWL Sec. 8, TZ8N, R02W At total depth 1907 FSL & 1234 FWL Sec. 8, TZ8N, R02W 14. Data Spudded 15. Date T.D. Reached 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)* 17. Elevations (DF, RKB, RT, GL)*									Federa									
A1 top prod. interval reported below 1907 FSL & 1234 FWL Sec. 8, T28N, R02W 12 County or Parish 13. State No. A1 total depth 1907 FSL & 1234 FWL Sec. 8, T28N, R02W 12 County or Parish 13. State Ro. Arriba 12. State Ro. Arriba 13. State Ro. Arriba 14. State Ro. Arriba 14. State Ro. Arriba Ro. Arriba 14. State Ro. Arriba	4. Location	i or wen (кероп	iocano	,,, C1C	u iy i		or munice viin	1 6116/11	requirements	"						•	
At total depth 1907 FSL & 1234 FWL Sec. 8, 128N, R02W 14. Date Spudded 15. Date T.D. Reached 15. Date Spudded 17. Date Spudded 17. Date Spudded 17. Date Spudded 18. Total Depth: MD 728' 19. Plug Back T.D.: MD 724S' 20. Depth Bridge Plug Set. MD 17. Date Spudded 19. Plug Back T.D.: MD 724S' 19. Plug Back T.D.: MD 724S' 21. Type Electric & Other Mechanical Logs Run (Submit copy) of each) 10. Production Induction Log. Spectral Density Dual Spaced 22. Was well cored? 10. No 1 Yes (Submit analysis) 10. No 1 Yes (Submit copy) 10. No 1 Yes (Subm	At sur	face 605'	FSL &	425' F	EL (SE SI	E) Sec. 8	, T28N, R02\	W]				
13. State 14. Date Spudded 15. Date T.D. Reached 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)* 17. Elevations (DF, RKB, RT, GL)* 18. Total Depth: MD 7245* 19. Plug Back T.D.: MD 7245* 10. Depth Bridge Plug Stat MD TVD 17. Elevations (DF, RKB, RT, GL)* 17. Eleva	Atton	nrod inter	val ren	orted b	elow	190	7' FSI & 1	234' FWI . S	Sec & Ti	28N R02W				l	or A	, I., K., M. .rea	, on Block and Survey	
At total depth 1907 FSL & 1234 FWL Sec. 8, 178N, 160W 15. Date T.D. Reached 15. Date T.D. Reached 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL) 1	т. тор	p. 0 - 1 - 1 - 1 - 1				.,,	, roza i								12 Coun	Sec. 8, 1	128N, R02W	
14. Date Spudded	At tota	ıl depth 19	907' FSI	L & 12	34' F	WL	Sec. 8, T2	8N, R02W								•	1	
123/104 124	14. Date	Spudded		Т	15. E	Date T	D. Reach	ed		16. Date C	omplete	d						
18. Total Depth: MD 7245' TVD 19. Plug Back T.D.: MD 7245' TVD 20. Depth Bridge Plug Set: MD TVD 710		-								□ D	&A [, , ,	
TVD 3734 TVD 2734 TVD 274 TVD 274 TVD 274 TVD 274 TVD 275 TVD	12/31/04		·		1/21/0	05	1.0 =						<u> </u>					
High Resolution Induction Log, Spectral Density Dual Spaced 23. Casing and Liner Record (Report all strings set in well) Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Depth Type of Cement Top* Amount Pulled 12-144* 8-5-88* 24lb 0' 287 3816* 5550 sx surface cincip 2 bbl 12-144* 8-5-88* 24lb 0' 3816* 5550 sx surface 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 23.06* 7225 25. Production Interval Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Size Depth Set (MD) Packer Depth (MD) Size Depth Interval Size No. Holes Perf. Status Amount and Type of Material Amount and Type of Material ACCEPTED FOR RECORD Size Production Interval Size No. Holes Production Mellor Production BBL MCF BBL Corr. API Gravity Production Mellor Size Size Production BBL MCF BBL Corr. API Gravity Production Mellor Size Size Production BBL MCF BBL Corr. API Gravity Production Mellor Size Size Size Size Size Size Size Size	18. Total						19. P	lug Back T.I				20. D	epth Bri	idge Plug				
High Resolution Induction Log. Spectral Density Dual Spaced Directional Survey? No Yes (Submit copy)	21. Type E	lectric & C	ther M	echani	cal L	ogs R	un (Subm	it copy of eac	ch)			22. W	Vas wel	l cored?	_		•	
Hole Size Size Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Type of Cement Type o																_		
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer Type of Cement Type of												D	Direction	nal Survey	? ⊻ No	Yes	s (Submit copy)	
12-144" 8-5/8" 24lb 0' 175 sx surface circ12 bbl to surface 7-7/8" 5-1/2" 17lb 0' 3816' 550 sx surface circ 6 bbl to surface 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2-3/8" 7225 25. Producing Intervals Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status A) B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material Amount and Type of Material Amount and Type of Material ACCEPTED FOR RECORD Size Depth Set (MD) Packer Depth (MD) Packer D		T	Ţ		\neg				(D) Sta					lurry Vol.	Cem	ent Top*	Amount Pulled	
Control Cont	12.1/48	0.5/0	. +	2415	\dashv		0'	1961	~ / 7	/	 		-	(BBC)				
7-7/8" 5-1/2" 17/b 0' 3816' 550 sx surface surface circ 6 bbl to surface 24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) 2-3-8" 7225 25 Producing Intervals A Depth Interval D Depth Interval 26. Perforation Record Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status A Depth Interval 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval A Moount and Type of Material NOV 2005 A Material NOV 2005 A Material NOV 2005 Size Depth Set (MD) Packer Depth (MD) Perforated Interval Size No. Holes Perf. Status NOV 2005 A Moount and Type of Material A Moor BBL Gravity Flowing F	12-1/4	8-3/8	_	2410			· · · · · · · · · · · · · · · · · · ·	302 5	X 65 C	<u> </u>	<u> </u>	/3 SX						
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Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Depth Set (MD) Size															ci	rc 6 bbl		
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2.5. Producing Intervals Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status Perf. Status A) B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Depth Interval Amount and Type of Material NOV 2005 28. Production - Interval A Date First Test Froduction BBL MCF BBL Corr. API Gravity Gas Gravity Flowing Fl	24. Tubing	Record																
26. Perforation Record Formation TOP Bottom Perforated Interval Size No. Holes Perf. Status No. Holes	Size	Depth	Set (M	D) P	acke	r Dep	th (MD)	Size	Dej	pth Set (MD)	Packer	Depth (N	(ID)	Size	Dep	th Set (MD)	Packer Depth (MD)	
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A) B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material NOV 2005 NOV 20	25. Produc				т	то	n T	Dattam	26				Ci	T N	. II-l		D. C.C.	
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material NOV 2005 NOV 2016 NOV 2005	Α)	TOTHLATIO			┢	10	P	Bottom	+-	Periorateu i	F79	<i>///</i>	Size	INC). Holes		Perr. Status	
28. Production - Interval A Date First Test Produced Date Test Production BBL MCF BBL Corr. API Gravity Choke Tog. Press Size Fig. Press Cag. Press Cag. Production - Interval B Date First Test Rate BBL MCF BBL Corr. API Gravity Choke Tog. Press Cag. Press Production Date First Rate BBL MCF BBL Corr. API Gravity Choke Tog. Press Cag. Press Cag. Press Press Rate BBL MCF BBL Gas Oil Gravity Choke Tog. Press Cag. Press Press Rate BBL MCF BBL Gas Oil Gravity Choke Tog. Press Cag. Press Cag. Press Rate BBL MCF BBL Gas Oil Gravity Choke Tog. Press Call Ratio Water Gas Oil Gravity Choke Tog. Press Call Ratio Water Gas Oil Gravity Choke Tog. Press Call Ratio Water Gas Oil Gravity Choke Tog. Press Call Ratio Water Gas Oil Gravity Choke Tog. Press Call Ratio Water Gas Oil Ratio Well Status Choke Tog. Press Call Ratio Water Gas Oil Well Status Choke Tog. Press Call Ratio Water Rate BBL MCF BBL Ratio Water Ratio Well Status Choke Tog. Press Call Ratio Water Rati	B)	····			\vdash				13	X/6-	-/	73				<u> </u>		
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material NOV 2005 NOV 2005	C)								1	00	OM		Q					
Depth Interval Amount and Type of Material NOV 2005 N	D)										<u> </u>							
28. Production - Interval A Date First Test Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Flowing Size Flgw. Press Size Flgw. Press Compared Tested Date Tested BBL MCF BBL Gas Water Ratio Production - Interval B Date First Test Production BBL MCF BBL Gas Water Gas: Oil Well Status Ratio Production - Interval B Date First Test Date First Production BBL Gas Water BBL Gas: Oil Ratio Production Method Farming OCT 2 8 2005 Choke Tbg Press Call Fested Production BBL Gas Water BBL Gas: Oil Gravity Gas Gravity Production Method Farming OCT 2 8 2005 Farming Ion Field Office Size Flgw. Press Call Fing. Press Size Flgw. Press Call Production BBL Gas Water BBL Gas: Oil Well Status BBL Water Gas: Oil Well Status BBL Water Gas: Oil Well Status BBL Water BBL	27. Acid, F	racture, Ti	eatmen	t, Cem	ent S	queez	ze, Etc.							*		(C) 10	20 30 Va	
28. Production - Interval A Date First Date Test Date Test Production BBL Gas MCF BBL Corr. API Gas Gravity 7/21/05 2/11/05 16 350 1100 Choke Tbg. Press Csg. Press Size Flgw Press Size Tested Date Tested Production BBL MCF BBL Gas Water BBL Ratio Date First Test Date Tested Production BBL MCF BBL Gas Water BBL Gas: Oil Ratio Production Date Gravity Choke Tbg. Press Call Production BBL MCF BBL Gas Water BBL Gas: Oil Gravity Gas Gravity Production - Interval B Date First Tested Production BBL MCF BBL Gas Gravity Choke Tbg. Press Call Production BBL MCF BBL Gas: Oil Gravity Gas Gravity Choke Tbg. Press Call Production BBL Gas Water BBL Gas: Oil Ratio Well Status Choke Tbg. Press Call Press Call Ratio Water BBL Gas: Oil Ratio Well Status Choke Tbg. Press Call Ratio Water BBL Gas: Oil Ratio Well Status Choke Tbg. Press Call Ratio Water BBL Ratio Well Status	<u>D</u>	Depth Interv	val		_			, , , , , , , , , , , , , , , , , , , 		A	mount a	nd Type	of Mate	rial	<u> </u>	360-	-0.7//Ph	
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28. Production - Interval A Date First Produced Date Production Date Date Date Date Date Date Date Date					 										(~			
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7/21/05 2/11/05 16 350 1100 Choke Tbg. Press. Csg. Flgw Press Size Flgw Sl Other Production Interval B Date First Date Tested Date Tested Date Tested Date Tested Size Flgw Size Tested Date Froduction BBL MCF BBL MCF BBL Corr. API Gas Gravity Choke Tbg. Press. Call Flgw Press Size Flgw Rate BBL MCF BBL Gas Water BBL Gas Oil Gravity Gas Gravity Choke Tbg. Press. Call Flgw Press Size Flgw Rate BBL Gas MCF BBL Gas Water Gas: Oil Ratio Well Status Choke Tbg. Press. Call Press Rate BBL Gas MCF BBL Gas MCF BBL Ratio	Date First						Oil	Gas						Production		ta anno ar n		
Choke Size Tbg. Press Csg. Flgw Size Size				FIG		. ا			DDL	Corr. AP	1	Gravii	ty		V.	100	100	
Size Figw Press Rate BBL MCF BBL Ratio Producing Real Production - Interval B Date First Produced Date Production Date Production Date Date Production Date Date Production Date	Choke		_	24	Hr.	٠,			Water	Gas: Oil		Well S	Status	Flowing		3/19/5	21 11 000	
Date First Produced Date Hours Test Date Production BBL Gas MCF BBL Corr. API Gas Gravity FARMING ION FIELD OFFICE Choke Size Flwg SI Press Size Flwg SI Press Size Flwg SI Press Size Production Acts on a contraction of the contractions and accordance for additional data on a contraction of the contractions and accordance for additional data on a contraction.	Size			Rat	te	1	BBL	MCF					•		AU	EPTED	FOR RECORD	
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Choke Size Tbg Press Call Press Call BBL Gas MCF BBL Gas: Oil Ratio Filips Size Size Size Size Size Size Size Size				Tα	et	Τ,	Oil .	Gas 7	Water	0:10:		10		Day Acces	-1	OCT 2	8 2005	
Choke Tog. Press. Call 24 Hr. Oil Gas Water Ratio Size Flwg. Sl Size Size Research access for additional data on next acces.	Produced												ty	Productio		A		
Choke Tog. Press. Call 24 Hr. Oil Gas Water Ratio Well Status Size Flwg. Sl			0."		\sqcup							<u> </u>		<u></u> _	RV	minu I UK	HELD OFFICE	
(See instructions and appears for additional data an part page)	Choke Size	Flwg.					Oil BBL	Gas MCF	Water BBL			Well	Status			- CMD		
		SI			\Box												-	
	(Can instru	intiana and			A Aili	الم أبد.	oto on no.	+ ====1					MO	CD	n	TO MAD A R		

8b. Produc	ction - Inter	val C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg Sl	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
8c. Produc	ction - Inter	val D	ليا	J						· · · · · · · · · · · · · · · · · · ·
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	The Press Flwe SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
9. Disposi	tion of Gas	(Sold use	d for fuel, v	rented, etc.	.)	L		1		****
Show tests,	all imports	ant zones o	nclude Aqu of porosity a al tested, cu	and conter	nts thereof: I, time tool c	Cored interval	is and all drill-ste nd shut-in pressur	m l	ion (Log) Markers	
		Т	D-M	-		riptions, Conte			Name	Тор
Forma	ation	Тор	Bottom		Desc	riptions, Conte	mis, etc.		Name	Meas. Depth
				ĺ				}	Nacimiento	2172'
									Ojo Alamo	3158'
									Kirtland	3468'
									Fruitland	3548'
									Pictured Cliffs	3593'
									Lewis	NP
32 Additi	onal remar	cs (include	plugging pi	rocedure):						
33. Circle	3816'-7245 enclosed at	tachments:	gs (1 full se	et req'd.)	2	Geologic Repo	rt 3 DST	Report 4 I	Directional Survey	
			ng and ceme		tion 6	Core Analysis	7 Other	::	lable records (see attached in	structions)*
Name	(please pri	nt) Agatha S	Snell				Title Admin	. Tech.		
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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 fraudulent statements or representations as to any matter within its jurisdiction.