Fortn 3160-4 (August 2007)

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

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

12.250		WELL	OMPL	ETION C	R RE	COMP	LETIC	ON REP	ORT	AND L	OG			ISE Serial I			5
Other		_									D.W. D	1	6. If li	ndian, All	ottee or	Tribe Name	
MURCHISON OIL & GAS INC	b. Type of	Completion			□ Woi	rk Over		eepen	□ Plug	Back	□ Diff. R	esvr.	7. Un	it or CA A	greem	ent Name and N	lo.
PLANO, TX 75093-4698   Ph: 972-931-0700 Ext: 109   30-015-30606	Name of MURC	Operator HSON OIL	& GAS II	NC E	-Mail: c				TTREL	L							 И 7Н
At surface NWNW Lot D 950FNL 330FWL  At top prod interval reported below NWNW Lot D 950FNL 330FWL  At top prod interval reported below NWNW Lot D 950FNL 330FWL  At total depth NENE Lot A 978FNL 361FEL  4 Date Synaded 12/16/2010	Address.												9. AP	I Well No		30-015-3806	 0
At surface NWNW Lot D 950FNL 330FWL  At top prod interval reported below NWNW Lot D 950FNL 330FWL  At tool pepth NENE Lot A 978FNL 361FEL  4 Date Spundded  15. Date T.D. Reached  16. Date Completed  17. Date Completed  18. Total Depth: MD  19. TVD  19. Fing Back T.D.  19. Fing Back T.D	Location	of Well (Re	ort locati	on clearly ar	id in acc	ordance	with Fed	leral requir	ements)	)*							K
At boal depth   NENE Lot A 978FNL 361FEL   15. Date T.D. Reached   15. Date T.D. Reached   17. Elevations (DF, KB, RT, GL)*	At surfa	ce NWNV	V Lot D 9	50FNL 330	FWL							ŀ	11. Se	ec., T., R.,	M., or	Block and Surv	vey
1. Date T.D. Reached			•			D 950F	NL 330	FWL				}	12. C	ounty or P		13. State	
12/16/2010			VE Lot A			Reached		110	6. Date	Complete	ed				DF. KI		
1											Ready to P	rod.					
1. Type Electric & Other Mechanical Logs Run (Submit earlys)   Figure   F	.8. Total D	epth:			2	19. Plu	g Back	Г.D.:	MD			20. Dep	th Brid	ge Plug S			
Casing and Liner Record (Report all strings set in well)	Type E	lectric & Oth	er Mecha	nical Logs R	un (Sub	mit copy	of each)	)		-			? [2	No No	□ Yes	(Submit analys	sis)
Hole Size   Size/Grade   Wt. (#/ft.)   (MD)   Rottom   Stage Cementer   Depth   No. of Sks. & Slurry Vol.   Cement Top*   Amount Pulled   12.250   9.625 J-55   36.0   0   10555     Type of Cement   Type of Cement   Type of Cement   Top*   Amount Pulled   12.250   9.625 J-55   36.0   0   10555     Type of Cement   Type of Cement   Top*   Amount Pulled   12.250   9.625 J-55   36.0   0   5762   1170   304   0							ON/GR						vey?	No No		(Submit analys	sis)
Hole Size   Size   Capta   Amount Putted	. Casing ar	Γ	<del></del>			<del></del>	Rottom	Stage Ce	menter	No. o	fSke &	Slurry	Vol. [				
8.750	Hole Size			Wt. (#/ft.)							li li					fop* Amount Pulled	
6.125														ļ			
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth																	
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth																	
Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Packer Depth (MD)   Size   Depth Set (MD)   Size   Depth						_						<del> </del>					
28. Production - Interval A   22. Production - Interval A   1. Production - Interval A   22. Production - Interval A   23. O   23. O   24. Production - Interval B   25. Production - Interval B   25. Press   26. Pre			(5)   5		4.5			1 0 0 0			1		 				
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status  A) WOLFCAMP 6517 10672 6517 TO 10672 11 STAGE SYSTEM - OI  (B) 11 STAGE SYSTEM - OI  (C) 12 STAGE SYSTEM - OI  (C) 13 STAGE SYSTEM - OI  (C) 14 STAGE SYSTEM - OI  (C) 15 STAGE SYSTEM - OI  (C) 16 STAGE SYSTEM - OI  (C) 17 Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval 6517 TO 10672 FRAC W/1,111,810 LBS OTTAWA SAND PLUS 1,310 BBLS 20% HCL Acid, PLUS 32,918 BBLS SILVERSTIM  (E) 17 STAGE SYSTEM - OI  (E) 18 STAGE SYSTEM - OI  (E) 19 STAGE SYSTEM - OI  (E) 19 STAGE SYSTEM - OI  (E) 19 STAGE SYSTEM - OI  (E) 10 STAGE SYSTEM - OI  (E) 10 STAGE SYSTEM - OI  (E) 10 STAGE SYSTEM - OI  (E) 11 STAGE SYSTEM - OI  (E) 12 STAGE SYSTEM - OI				acker Depth	(MD)	Size	Dep	th Set (ML	)) P	acker Dep	oth (MD)	Size	Dep	oth Set (M	D)	Packer Depth (	MD)
WOLFCAMP 6517 10672 6517 TO 10672 11 STAGE SYSTEM - OI  To Acid, Fracture, Treatment, Cement Squeeze, Etc.  Depth Interval A  See Production - Interval A  Test Oil Gravity Gravity  Test Oil Gravity Oil Gravity  Test Oil Gravity  Test Oil Gravity  Test Oil Gravity  Test Oi							26										
Depth Interval    Amount and Type of Material			AMP									Size	N	o. Holes	11 S		M - OF
Depth Interval Amount and Type of Material  6517 TO 10672 FRAC W/1,111,810 LBS OTTAWA SAND PLUS 1,310 BBLS 20% HCL ACID, PLUS 32,918 BBLS SILVERSTIM  88. Production - Interval A  19. Test Date Date Tested Production BBL MCF BBL Cor. API Gravity  19. Press. Press. Rate BBL MCF BBL Ratio  2 SI 220.0 432 536 205 1241 POW  19. Production - Interval B  19. Test BBL Gas Water Gas: Oil Gravity  2 SI 220.0 432 536 205 1241 POW  19. Production Method Gravity  2 SI Test BBL MCF BBL Ratio  2 SI Test Hours Tested BBL MCF BBL Gas: Oil Gravity Gas: Oil Gravity  2 SI Test BBL MCF BBL Gas: Oil Gravity  2 SI Test Hours Tested Production BBL MCF BBL Gas: Oil Gravity  3 Si See First Test BBL MCF BBL Gas: Oil Gravity Gas: Oil Gravity Gravity  432 01 Gas Water Gas: Oil Gravity  5 SI Date Tested Production BBL MCF BBL Gas: Oil Gravity Gravity  6 Si Date Tested Production BBL MCF BBL Gas: Oil Gravity Gravity  19. Production Method MAR 1 2 2011  19. Production Method Gravity Gravity  19. Production Method Gravity  19. Production	B)																
Depth Interval  6517 TO 10672 FRAC W/1,111,810 LBS OTTAWA SAND PLUS 1,310 BBLS 20% HCL ACID, PLUS 32,918 BBLS SILVERSTIM  8. Production - Interval A  te First	C)												+		_		
FRAC W/1,111,810 LBS OTTAWA SAND PLUS 1,310 BBLS 20% HCL ACID, PLUS 32,918 BBLS SILVERSTIM  8. Production - Interval A  18. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status  2 SI 220.0	27. Acid, Fr			nent Squeeze	e, Etc.										<u> </u>	//	
8. Production - Interval A  te First				372 FRAC V	V/1 111 i	B10 I BS (	OTTAWA	A SAND PI					32 918	BBI S SII	VERST	IM /	<u> </u>
te First Test Date Date Tested Production BBL MCF BBL Corr. API Gravity Doubled Date Tested Production BBL MCF BBL Corr. API Gravity Doubled Date Date Date Date Date Date Date Date				-	,							, ,				105	10%
te First Test Date Date Tested Production BBL MCF BBL Corr. API Gravity Doubled Date Tested Production BBL MCF BBL Corr. API Gravity Doubled Date Date Date Date Date Date Date Date																<u> </u>	5
Date Date   Production   BBL   MCF   BBL   Corr. API   Corr. API   O.84   FLOWS FROM WELL   O.84	8. Producti	ion - Interval	A												<del>/(</del>	The state of the s	S
oke Tbg. Press. Csg. Press. Rate BBL Gas MCF BBL Ratio  2 SI 220.0 — 432 536 205 1241 POW  188a. Production - Interval B  188a. Production - Interval B  188b. Test Date Tested Production BBL MCF BBL Gas Gravity  188b. MCF BBL Gas Gravity  188b. MCF BBL Corr. API Gas Gravity  188c. Production Method Gravity  188c. Press. Csg. 24 Hr. Oil Gas BBL MCF BBL Ratio  188c. Production Method Gravity  188c. Production Method Gravity  188c. Press. Csg. 24 Hr. Oil Gas BBL Ratio  188c. Press. Csg. Press. Rate BBL MCF BBL Ratio	ate First oduced												Productio		1	\ .0	57
Rate Five. Press. SI Press. Press. SI Press. SI Production - Interval B  Stee First Test Date Tested Production BBL MCF BBL Corr. API Gravity Gas Gravity MAR 1 2 2011  Soke Tbg. Press. Csg. 24 Hr. Oil Gas BBL MCF BBL Ratio  Si Press. Csg. 24 Hr. Rate BBL MCF BBL Ratio  Si Press. Csg. Press. Csg. Press. Rate BBL MCF BBL Ratio  Si Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Ratio Well Status  Si Press. Rate BBL MCF BBL Ratio	02/16/2011			24 Hr	L				Good			F **		FLO	WS FR	OW WELL	<u> </u>
Ref. Production - Interval B  Test Hours Test Date Test Date Tested Production BBL MCF BBL Corr. API Gravity Gravity MAR 1 2 2011  Toke Tby Press. Csg. 24 Hr. Oil Gas Water BBL Gas Water Gas: Oil Well Status  Flwg. Press. Rate BBL MCF BBL Ratio	ze	Flwg.	Press.		BBL	MCF	•	BBL			ļ	į				OK MA	JUH
oduced Date Tested Production BBL MCF BBL Corr. API Gravity MAR 1 2 2011  oke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Ratio Well Status  S1 Water BBL Ratio Water Ratio Well Status			İ		402		1	203		1241		OVV		<del></del>			$\overline{}$
Rate BBL MCF BBL Ratio  See Instructions and spaces for additional data on reverse side)	ate First oduced												Production	1	\R 1	2 2011	
See Instructions and spaces for additional data on reverse side)	noke ze	Flwg.								il	Well S	tatus		fo	Im	-6	<u> </u>
	See Instruct	ions and spa	ces for aa	ditional date	on rev	erse side,		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		ADSTORY	NACOTE :	.	- 7	rest for a	73 L.114	4 12 141 1 1 1 1 1 1 CH	1116-111

28b. Proc	luction - 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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Statu	15		
	SI			<u> </u>						_	
28c. Proc Date First	luction - Inter	Val D Hours	Test	Oil	10	Water	Long	TG	In the Make 1		,
roduced	Date	Tested	Production	BBL	Gas MCF	BBL .	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Well Statu	15	·-	
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		·•		
29. Dispo	osition of Gas	Sold, used	for fuel, ver	ited, etc.)	<u> </u>	L		L			
SOLI		. Zonos (Ir	aluda Aquit				····	13	II Famotion (Law) Ma	-l	
	nary of Porou	-	-		enf Coro	d intervals or	nd all drill-stem	. 3	1. Formation (Log) Ma	rkers	
tests,	including dep	th interval	tested, cush	ion used, tin	eor: Core	en, flowing a	nd shut-in pressure	es	•		
and r	ecoveries.										
	Formation		Top	Bottom		Descript	tions, Contents, etc		Name		Тор
NO: 50											Meas. Deptl
NOLFC <sup>A</sup>	MP	ļ	6316	1067	2   0	OCLOMITE;	OIL & GAS		YATES QUEEN		150 848
	•								SAN ANDRES GLORIETA		1792 3060
		Ì							YESO ABO		3203 5097
									WOLFCAMP		6316
						•		·			
		.		1	,			1			
									•		
32. Addit	ional remarks	(include p	olugging proc	edure):							<u> </u>
ELEC	CTRIC LOGS	BEING	SENI BY IV	IAIL							
								•			
				•							
22 Cirol	enclosed atta	ohmanta									<u> </u>
	ectrical/Mech		rs (1 full set.r	ea'd )		2. Geolog	ic Report	3 D	ST Report	4. Directio	nal Survey
	ndry Notice f	-	· ·		1	6. Core A		7 Otl	-		
34. I here	by certify tha	t the forego							vailable records (see att	ched instruct	ions):
			Elect	ronic Subm For M	ission #10 URCHIS	03301 Verifi ON OIL &	ed by the BLM W GAS INC, sent to	veil Informato the Carlsha	ion System. d		
	•								-		
Name	(please print	ARNOLI	D NALL				Title V	ICE PRESID	DENT OPERATIONS		
Signa	ture	(Electro	nic Submiss	sion)			Date 0	2/25/2011			

## Carbon Valley 25 Fed Com #7H Fracture Detail

Stage	Top (ft)	Bottom (ft)	20% HCL Acid (gal)	SilverStim Lt- R21 (gal)	20/40 Ottawa Sand (lbs)	Load to Recover (bbls)
1	10,265	10,672	5,000	127,016	102,950	3,273
2	10,003	10,265	5,000	130,292	107,242	3,273
3	9,616	10,004	5,032	127,321	107,350	3,191
4	9,266	9,616	5,000	128,784	108,260	3,485
5	8,765	9,266	5,000	123,205	103,570	3,088
6	8,440	8,766	5,000	127,270	109,480	3,187
7	8,127	8,440	5,000	29,203	2,678	853
8	7,761	8,127	5,000	167,534	130,500	4,149
9	7,317	7,761	7,500	167,534	140,400	3,511
10	6,918	7,317	7,500	145,043	128,470	3,657
11	6,517	6,918	7,500	109,352	70,910	3,052
Total			55,032	1,382,554	1,111,810	34,719

1,310

32,918

Barrels