Form 3160-4

UNITED STATES

Operator Copy

FORM APPROVED

Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity COR. API	(August 2007)					F THE INTI D MANAGI						res: July	31, 2010		
B. Type of Completion		WELL C	OMPL	ETION O	R RECO	MPLETIC	N REPOR	T AND LO	3	5					
B. Type of Completion	Ia. Type of	Well 🔯	Oil Well	☐ Gas \	Vel! 🔘	Dry DO	ther				If Indian, Alle	ottee or	Tribe Name		
MURCHISON OIL & GAS INC	b. Type of		⊠ No	cw Well	□ Work O			ug Back 🛚 🗖	Diff. R	esvri.	. Unit or CA A	greeme	nt Name and No.		
PLANO, TX 75093-4698	2. Name of MURCH	Operator HISON OIL	& GAS IN	IC E	-Mail: ccott			:CC ;	·-··						
At surface NESE Lot 11980FSL 200FEL At top prod interval reported below NWSW Lot L 1998FSL 372FWL At total depth	_	PLANO, T	X 75093	-4698			Ph: 972-9	31-0700 Ext.							
At top prod interval reported below At total depth At total		1`.		•		nce with Fed	eral requiremen	ts)*			DOG CANY	ON; W	/OLFCAMP		
At total depth NVMSW Lot L 1998FSL 372FWL 15 Date T.D. Reached 16 Date Completed 17. Elevations (DF, RB, RT, CL)* 18. Date T.D. Reached 17. Date Completed 17. Elevations (DF, RB, RT, CL)* 18. Total Depth: 17. Discription 19. Ping Back T.D. 17. MD 17. Date Completed 17. Elevations (DF, RB, RT, CL)* 17. MD 17. Date Completed 17. Elevations (DF, RB, RT, CL)* 17. MD 17. Date Completed 17. Elevations (DF, RB, RT, CL)* 17. MD 17. Date Completed 17. Elevations (DF, RB, RT, CL)* 17. Date Completed 17. D	At top p	rod interval r	eported he	elow NWS	SW Lot L 1	998FSL 372	FWL		•		or Area Se	c 25 T1	I6S R27E Mer NMP		
18. Total Depth MD	At total	depth NW	SW Lot L	1998FSL	372FWL				•						
No.						ched			ady to Pi	rod.	17. Elevations (DF, KB, R1, GL)* 3510 GL				
Column C		1	TVD	6314		• .	.D.: MD TVD				,	1	LAD		
23. Casing and Liner Record (Report all strings set in well) Top Bottom Stage Cementer No. of Sts. & Shurry Vol. (BBL) Cement Top Amount Pulled	21. Type E NONE	lectric & Oth	er Mechai	nical Logs R	un (Submit	copy of cach)	,	22	Was I	?nur T2C	⊠ No ⊠ No	r Yes	(Submit analysis)		
Hole Size	23 Casino a	nd Liner Reco	vd (Reno	rt all strings	set in well		···		Direct	lional Surve	y? No	Yes Yes Yes Yes Yes Yes Yes Ye	(Submit analysis)		
12.250		7			Тор	Bottom		1		1 -	I Centent	Top*	Amount Pulled		
Column	12.250	9.6	25 J-55	36.0		 		1,9,001.00		 		- 0			
24. Tubing Record		8.750 7.000 HCP-110		26.0	(5840		920							
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth Set (MD) Pack	6.125		ICP-110	11.6	5700	10624	i		0	ļ	0				
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Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	73 Tobics	D. Santal													
2.875			1D) Pa	icker Depth	(MD) S	ize Dept	h Set (MD)	Packer Denth	(MD)	Size	Denth Set (M	D) .	Packer Depth (MD)		
Formation	2.875			· · · · · ·					(
A) WOLFCAMP 6522 10730 6522 TO 10730 10 STAGE SYSTEM - OPE B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval A 6522 TO 10730 FRAC W/1,085,060 LBS PREMIUM WHITE SAND PLUS 1,399 BBLS 20% NEFE ACID, PLUS 28,344 BBLS SILVERSTIM 28. Production - Interval A Date First Date Test Date Test Test Test Test Test Test Test Test											, , , , , , , , , , , , , , , , , , , ,				
B) C) 27. Acrd, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 6522 TO 10730 FRAC W/1,085,060 LBS PREMIUM WHITE SAND PLUS 1,399 BBLS 20% NEFE ACID, PLUS 28,344 BBLS SILVERSTIM 28. Production - Interval A Date First Test Date Trested Production Date Trested Production 12/10/2010 12/11/2010 24 Total Produced Production 12/10/2010 12/11/2010 24 Date First Size Filwg Press Size Size Size Size Size Size Size Size			AND	Тор			Perforate			Size .	No. Holes	10.07			
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval S522 TO 10730 FRAC W1.085,060 LBS PREMIUM WHITE SAND PLUS 1,399 BBLS 20% NEFE ACID, PLUS 28,344 BBLS SILVERSTIM VERSTIM VER		WOLFC	AIVIP	<u>;</u>	0022	10730		6522 10 10	1/30			10.51	AGE SYSTEM - OP		
28. Production - Interval A Date First Test Total Tota		<u>!</u>						····				 			
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28. Production - Interval A Date First Produced Date Test Date First Production Test Date First Production Test Date First Date Date First Date Date First Date First Date Date First Date First Date First Date Date Tested Date Tested Date Tested Date Date Date Date Date Date Date Date Date Date Date Date				30 FRAC V	V/1,085,060	LBS PREMIUI					D; PLUS 28,344	BBLS S	SILVERSTIM		
28. Production - Interval A Date First Produced Date Tested Production BBL Gas Water Corr. API Gravity 12/10/2010 12/11/2010 24 11.0 0.81 ELECTRIC PUNPINGULAD CORD Choke Tbg. Press Csg 24 Hr. BBL MCF BBL Ratio Size Flwg St Tested Production BBL Gravity 28a. Production - Interval B Date First Tested Production BBL Gas Water Gas: Oil Gravity 28a. Production - Interval B Date First Tested Production BBL Gas Water Gravity Corr. API Gas Gas Gas Oil Well Status Rate BBL Gravity Production - Interval B Date First Tested Production BBL Gas Water Gravity Corr. API Gas Gravity Production Method FEB 2.5 2011 FEB 2.5 2011												,	CEIVE		
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Sim Ulive Press Page 1891 MCF 1891 Page	Date First Produced						BBL Co	ii. APl			oduction Method	EB 2	25 2011		
ISI BURKAN ODAN EIFI D OFFICE	Choke Size	Flwg.							Well S	tatus	BURFA	JOF L	AND MANAGEMENT		

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #102975 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
*** OPERATOR-SUBMITTED *** OPERATOR-SUBMITTED **

28b. Prod	duction - Inte	rval C											
late First roduced	Test :	Hours Tosted	Test Production	BBT Oil	Gas MCF	Water BBL	Oil Gravi Com. AP		Gas Gravity		Production Method		
hoke ize	Tog. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil	Gas MCF	Water BBL	Gas:Oil Ratio		Well St	atus .	<u> </u>		
28c. Proc	duction - Inte	rval D	1	<u> </u>		i							
Pate First roduced	Test 1 Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravi Corr. AP		Gas Gravity		Production Method		
hoke .	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well St	alus	<u> </u>		
29. Dispo SOL		(Sold, used	for fuel, ven	ited, etc:)					_1				······
30. Sumi	mary of Purot	is Zones (li	rclude Aquife	ers):			~			31. For	mation (Log) Mar	Kers	
tests,	vall importan including de ecoveries.	t zones of p pth interval	orosity and c tested, cushi	contents ther ion used, tin	reof: Core ne tool ope	d intervals an en, flowing ar	d all drill-s nd shut-in j	tem oressures					
	Formation		Тор	Bottom		Descripti	ons, Conte	ents, etc.			Name		Top Meas. Deptl
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	c enclosed at		s (1 ful) set r	reg'd)		2. Geolog	ic Report			DST Re	nort.	4 Directio	onal Survey
		-	g and cemen	-	n ·	6. Core A	•	•		Other:	port	4. Directi	onar survey
34. 1 her	cby certify th	at the foreg									e records (see atta	ched instruc	tions):
•	4		Elect			02975 Verifi SON OIL & 0					ystem.		
Nam	c(please prin	a) ARNOL	D NALL					Title VIC	E PRES	SIDENT	OPERATIONS		
Sign:	ature	(Electro	nic Submiss	sion)				Date 02/2	22/2011				
-											<u>·</u>		
	U.S.C. Section												

Carbon Valley 25 Fed Com #5H Fracture Detail

Stage	Top (ft)	Bottom (ft)	20% NEFE Acid (gal)	SilverStim Lt-R21 (gal) "pad"	SilverStim Lt-R21 (gal) + sand	30/50 Premium White Sand (lbs)	Load to Recover (gal)
1	10,356	10,730	5,020	42,441	77,475	87,730	145,663
2	9,890	10,356	5,011	34,012	78,641	110,360	125,291
3	9,464	9,890	7,920	31,396	85,214	109,668	126,466
4	9,040	9,464	5,108	33,948	82,556	106,836	123,155
5	8,557	9,040	5,213	36,527	86,721	110,291	131,622
6	8,085	8,557	5,075	34,044	85,675	109,944	126,739
7	7,650	.8,085	4,916	45,273	83,830	115,680	136,436
8	7,264	7,650	. 5,009	33,674	83,477	109,267	. 123,585
9	6,867	7,264	7,904	34,357	82,077	107,129	126,069
10	. 6,522	6,867	7,600	34,013	85,104	118,155	137,747
Total	,		58,776	359,685	830,770	1,085,060	1,302,773

19,780

31,018

1,399

Barrels

RE: Carbon Valley 25 Fed Com #005H

Steve Morris [smorris@jdmii.com]

Sent: Monday, April 29, 2013 9:15 AM **To:** Warren, JeanMarie, EMNRD

 San Andres
 1,682'

 Glorieta
 3,118'

 Paddock
 3,148'

 Tubb
 4,405'

 Abo
 5,132'

 Wolfcamp
 6,245'

Regards,

Steve Morris Senior Drilling Engineer



Murchison Oil & Gas, Inc. 1100 Mira Vista Blvd. Plano, TX 75093

2 972-835-3315(US Cell)

2 403-923-9750(Canada Cell)

smorris@jdmii.com

www.murchisonoil.com

From: Warren, JeanMarie, EMNRD [mailto:JeanMarie.Warren@state.nm.us]

Sent: April-29-13 9:34 AM

To: Steve Morris

Subject: Carbon Valley 25 Fed Com #005H

30-015-37602

Good Morning Steve.

I was wondering if you had record of the formation tops for this well? If you do, would you please advise?

Thanks.

Have a great day.

Jean-Marie Warren
Business Operations Specialist
NM-OCD District II, Artesia
(575) 748-1283, ext. 101

