Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

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WELL	COMPL	FTION	ΛR	RECOMPL	FTION	REPORT	LOG

WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Serial No. NOG09021757			
1a. Type of Well ☐ Oil Well ☑ Gas Well ☐ Dry ☐ Other b. Type of Completion ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other											6. If Indian, Allottee or Tribe Name EASTERN NAVAJO 7. Unit or CA Agreement Name and No.		
Name of Operator Contact: JOHN C ALEXANDER DUGAN PRODUCTION CORPORATIONAL: johncalexander@duganproduction.com												and W	
3. Address SARMINGTON, NM 874990420 3a. Phone No. (include area code) Ph: 505-325-1821												OD DEN	
4. Location					ordance with	J					10. Field and I	ool, or	45-34926-00-S1 Exploratory
Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 8 T22N R8W Mer NMP At surface NENE 660FNL 1145FEL 36.15963 N Lat, 107.69974 W Lon											BASIN FR	UITLAN	ND COAL Block and Survey
At top	prod interva	l reported l	oelow								or Area S	ec 8 T2	2N R8W Mer NMI
	l depth						- 				12. County or SAN JUAN	1	NM
14. Date S 09/09/				Date T.D. 9/16/200			16. Date D & 09/0	Completed A 🔊 F 7/2010	d Ready to Pi	rod.	17. Elevations 67	(DF, KI '47 GL	3, RT, GL)*
18. Total l	Depth:	MD TVD	112	0	19. Plug Ba	ick T.D.;	MD TVD	106	i1	20. Dept	h Bridge Plug S	et:	MD TVD
	Electric & O		nical Logs	 Run (Subr	nit copy of e	ach)				vell cored? OST run? ional Surv	No ⊠ No	Yes Yes	(Submit analysis) (Submit analysis) (Submit analysis)
3. Casing a	and Liner Re	cord (Repo	ort all string	-T		la:			GI O	T 01 -			
Hole Size	Size/	Grade	Wt. (#/ft.)	Top (MD			Cementer epth		Cement	Slurry V (BBL		Top*	Amount Pulled
12.250 7.875		.625 J-55 500 K-55			90 158		22 53	0					
7.07	5 5.	300 K-33	15.	3	0	103		· · · · · ·	130		33		
				 									
	<u> </u>			 									
24. Tubing Size	Record Depth Set (MD) T P	acker Depth	(MD)	Size I	Depth Set (M	(D) P	acker Depti	h (MD)	Size	Depth Set (M	D) I	Packer Depth (MD)
2.375	<u>``</u>	921											
	ing Intervals	Т	Тор		Bottom	26. Perfora	erforated			Size	No. Holes	1	Perf. Status
() FF	RUITLAND	COAL						866 T	O 871	0.380	20		TO PRODUCE
3) <u>.</u> ;)	FRUIT	LAND		590	912			898 T	O 910	0.380	48	OPEN	TO PRODUCE
))													
	racture, Trea Depth Interv		nent Squeez	e, Etc.			An	nount and T	ype of Ma	terial			
			71 200 GA			WTED 8 40	400 1 00 0						
			10 717 BB		D GELLED V % HCL	ATER & 12,4	400 LBS 2	20/40 SAND	·				
8 Producti	ion - Interva		Test	Oil BBL	Gas MCF	Water BBL	Oil Gra		Gas Gravity	Pro	duction Method	CVD	OCT 5'10
te First	ion - Interva	Hours	Production		1	30.0	10011.71		0.6		GAS	PUMPIN	G UNIT
e First duced 9/08/2010	Test Date 09/13/2010	Tested 24	Production	0.0	95.0						Í	111 C	ONC DIII
e First duced 9/08/2010 ke	Test Date 09/13/2010 Tbg. Press.	Tested	Production 24 Hr. Rate	Oil BBL 0	Gas MCF 95	Water BBL 30	Gas:Oil Ratio		Well State		<u> </u>	jil D	
e First duced 9/08/2010 oke 2" 8a. Produc	Test Date 09/13/2010 Tbg. Press. Flwg. 25 SI tion - Interva	Tested 24 Csg. Press. 210.0	24 Hr. Rate	Oil BBL 0	Gas MCF 95	Water BBL 30	Ratio		GS	SI			51.3**
te First duced 9/08/2010 oke 2" 8a. Produc e First	Test Date 09/13/2010 Tbg. Press. Flwg. 25 SI	Csg. Press. 210.0	24 Hr.	Oil BBL	Gas MCF	Water BBL		vity		SI			DFORREDO
te First duced 9/08/2010 oke e 2" 8a. Produc c First duced	Test Date 09/13/2010 Tbg. Press. Flwg. 25 SI Test Date Tbg. Press.	Tested 24 Csg. Press. 210.0 It B Hours Tested Csg.	Test Production 24 Hr.	Oil BBL O	Gas MCF 95 Gas MCF	Water BBL 30 Water BBL	Oil Gra-Corr. Al	vity	Gas	Pro			9 0 2010
te First oduced 19/08/2010 oke 2" 8a. Produc te First oduced	Test Date 09/13/2010 Tbg. Press. Flwg. 25 SI tion - Interva Test Date	Tested 24 Csg. Press. 210.0 I B Hours Tested	24 Hr. Rate Test Production	Oil BBL 0	Gas MCF 95 Gas MCF	Water BBL 30 Water BBL	Oil Grac Corr. Al	vity	Gas Gravity	Pro	duction Method	THE SEP	DFORRECO 3 0 2010 WHELDOFFK

28b. Prod	duction - Inte	rval C								<u> </u>
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke	Tbg. Press,	Csg.	24 Hr.	> Oil	Gas	Water	Gas:Oil	Well Status		
Size	Flwg. SI	Press.	Rate	> BBL	MCF	BBL	Ratio			
28c. Proc	luction - Inte	rval D	·—_L. ·— ··		_l					
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 Status	<u>. </u>	
29. Dispo	sition of Gas	(Sold, use	d for fuel, ven	ted, etc.)	<u></u>					
_		ıs Zones (I	nclude Aquif	ers):			<u>-</u>	31.	Formation (Log) M	larkers
tests,	all important including der ecoveries.	t zones of oth interva	porosity and of tested, cushi	contents ther ion used, tim	eof: Corec e tool ope	d intervals an n, flowing an	d all drill-stem id shut-in pressure	s		
Formation Top			Bottom	Bottom Descriptions, C				Name	Top Meas. Dept	
OJO ALAI KIRTLANI	D		258 346							Weas. Dept
FRUITLAI PICTURE	ND D CLIFFS		590 912							
					}					
								ļ		
				į						
										Ì
		j		j						
32. Additi	onal remarks	(include p	olugging proc	edure):						
								•		
33. Circle	enclosed atta	chments.			·					
33. Circle enclosed attachments:1. Electrical/Mechanical Logs (1 full set req'd.)2. Geolog						2. Geologic	Report	3. DST	Report	4. Directional Survey
5. Sun	dry Notice fo	or plugging	g and cement	verification		6. Core An	alysis	7 Other:		
34 I hereb	y certify that	the forego	aing and attac	hed information	tion is cor	nnlete and co	errect as determine	d from all availa	ble records (see atta	ched instructions)
5 1. I noto	y cordity unit	. ino toroge	Electi Fo	ronic Submi r DUGAN P	ssion #93 RODUC	586 Verified TION CORI	by the BLM We	II Information S t to the Farmin	System. gton	ened msa denonsy.
Name ((please print)	JOHN C	ALEXANDE		ioi hioci	osing by FA	.UL BROWN on (CE-PRESIDEN		
a:		/FL :		>				10010010		
Signati	ire	(Electron	nic Submissi	on)			Date <u>09</u>	/28/2010		
						<u> </u>				epartment or agency