Form 3160-4

UNITED STATES

FORM APPROVED

FARMINGTON FILE

(August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT									OMB No 1004-0137 Expires July 31, 2010							
	WELL	WELL COMPLETION OR RECOMPLETION REPORT AND LOG										5. Lease Scrial No NMNM90477				
Ta. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry 🙀 Other: INJ											6 If Indian, Allottee or Tribe Name					
b Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr											7. Unit or CA Agreement Name and No					
DUGAN PRODUCTION CORPORATION ail: johncalexander@duganproduction.com										Lease Name and Well No MORRISON SWD 2						
3. Address 3a. Phone No. (include area code) Ph. 505-325-1821										9. API Well No. 30-045-33684-00-X1						
4 Location of Well (Report location clearly and in accordance with Federal requirements)*										10. Field and Pool, or Exploratory SWD ENTRADA						
										11. Sec , T., R , M , or Block and Survey or Area Sec 13 T22N R9W Mer NMP						
At top prod interval reported below NENE 1350FNL 365FEL 36 143353 N Lat, 107.732970 W Lon										12 County or Parish 13 State						
	al depth NE	NE 1350				•	07.7329			· · · · · · · · · · · · · · · · · · ·		SAN JUAN NM 17. Elevations (DF, KB, RT, GL)*				
14. Date: 09/18				ate T D /25/20		iea		D & 09/1	Complete A 2/2012	a Ready to I	Prod.	17. 1		98 GL	, K1, GL)*	
18. Total	Depth:	MD TVD	6523 6523		19. 1	Plug Bac	k T.D .	MD TVD	642 642		20. De	pth Bri	dge Plug Se		D D	
	Electric & Otl NL-CCL&CB		mical Logs R	un (Sut	mit co	py of eac	ch)		·		well core DST run ctional Su	d? rvey?	R No	m Yes	(Submit analysis) (Submit analysis) (Submit analysis)	
23. Casing	and Liner Rec	ord (Repo	ort all strings	T												
Hole Size Size/Grade		Grade	Wt. (#/ft.)			Botton (MD)	_	e Cementer Depth	1	Sks. & Cement	1 -		Cement Top*		Amount Pulled	
	12.250 9.62		36.0 26.0			378					200					
8.75 8.75		7.000 J-55 7.000 J-55			5029 6510					599	595			RCUD OCT 17:12		
0.75	7.	7.000 3-35				6510									GUNS. DIV.	
				<u> </u>					<u> </u>		† —		ļ		<u> </u>	
24 Tubir	a Pagerd									·- <u>-</u>				T		
Size	Depth Set (1	MD) P	acker Depth	(MD)	Sız	e D	epth Set (MD) F	Packer Dep	th (MD)	Size	De	pth Set (MI	D) P	Packer Depth (MD)	
3.500		6198	•	6151										7		
	cing Intervals							ration Reco								
	Formation	RADA	Тор	Botto 6254		tom 1		Perforated Interval 6254 TO 6		0.6396	Size		No. Holes		Perf Status	
A) B)	ENI	MADA		0234		0300			0234 10	0300		\dashv	132			
C)												\top				
D)	Fracture, Trea	tment Car	ment Squeeze	Etc												
	Depth Interv		T Squeeze	-, 1510				A	mount and	Type of N	/aterial					
	62	254 TO 6	386 2000 GA	LS 15%	HCL	W/100 BA	ALL SEAL								, , , , , , , , , , , , , , , , , , , 	
														 -		
28. Produ	ction - Interva	I A							<u></u>					,		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		as ICF	Water BBL	Oil Gr Corr		Gas Gravit	у	Producti	on Method			
hoke ize	Tbg. Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL		as ICF	Water BBL	Gas.O Ratio	il	Well S	latus					
28a. Produ	uction - Interv	al B		L			т		· · ·		 _			CCE	PTED FOR RECO	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		as ICF	Water BBL	Oil Gr Corr		Gas Gravity		Production	on Method	التالياليين	I LUTON NECC	
Choke	Tbg Press	Csg	24 Hr	Oil		as	Water	Gas O		Well S				(DCT 1 5 2012	
Size	Flwg	Press		BBL		iCF	BBL	Ratio		Well 3	iuiUS			EARDA	INGTON FIED . JEE.	

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(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #154563 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Date First Date Test Date Test Date Test Date Test Date Test Date Test Date Date Tested Date Date Test Date First Date Tested Date Date Tested Date Date Date Date Date Date Date Date	28b Proc	luction - Inte	rval C													
The life Dec Power Power 1 Process 2	Date l·iist	Test	Hours								Production Method	,				
Post Post December Decemb	Produced	Date	Tested	Production	BBI,	MCF	BBL	Corr API	Gravity		1					
28. Production - Interval D 29. Production -	Choke Size								Well Str	atus						
Section Fig.		1 -			-	1										
The color Top																
Power Powe	Date First Produced										Production Method					
29. Additional remarks (include plugging procedure) 31. Summary of Purous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess Depthers, Contents, etc. Formation Top Bottom Descriptions, Contents, etc. Formation Top Bottom Descriptions, Contents, etc. Name Top Mess Depthers, Contents, etc. PRUITLAND PICTURED CLIFFS 666 LEWIS 788 708 708 708 708 708 708 708 708 708	Choke Size	Flwg.							Well Sta	atus						
30. Summary of Porous Zones (Include Aquifens): Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests. Including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoverties. Formation Top Bottom Descriptions, Contents, etc. Name FRUITLAND PICTURED CLIFFS Be68 LEWIS 7087 70NT LOOKOUT 30.09 32. Additional remarks (include plugging procedure) MODITION: 1 COP'S CONTINUED FROM ABOVE. ARACICLP - 3896' GREENIORN - 4225' GREENIORN - 4225' GREENIORN - 4226' GREENIORN - 4226		osition of Gas	(Sold, used	for fuel, ver	ited, etc)											
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Pormation Top Bottom Descriptions, Contents, etc. Name Top Meas Depth Geography (Meas Depth Geography) (Meas Dep			is Zones (In	iclude Aquif	ers):			·		31. For	nation (Log) Markers					
32. Additional remarks (include plugging procedure) Additional remarks (include plugging procedure) ADDITIONAL TOPS CONTINUED FROM ABOVE. MANCOS - 3134 GREENHORN - 4828' GREENHORN - 4828' GREENHORN - 4828' GREENHORN - 4828' GREENHORN - 4818' DOOR A - 4828' DOOR	tests,	including de	t zones of p pth interval	orosity and tested, cush	contents the ion used, to	ercof. Core me tool op	d intervals and en, flowing an	d all drill-stem nd shut-in pressu	ires							
32. Additional remarks (include plugging procedure) ADDITIONAL TOPS CONTINUED FROM ABOVE. ADDITIONAL TOPS CONTINUED FROM ABOVE. MANCOS - 3134' GALLUP - 3869' GREENHORN 4928' MORRISON - 5218' BLUFF - 5587' 33 Circle enclosed attachments. 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4 Directional Survey 5. Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other 34. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions). Electronic Submission #154563 Verified by the BLM Well Information System. For DUCAN PRODUCTION CORPORATION, sent to the Farmington. Committed to AFMSS for processing by JIM LOVATO on 10175/2012 (1313XL0041SE) Name (please print) JOHN C ALEXANDER Title VICE-PRESIDENT Title VICE-PRESIDENT Title IS 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		Formation		Top	Botton	n	Descripti	ons, Contents, e	tc.		Name					
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Additional data for transaction #154563 that would not fit on the form

32. Additional remarks, continued

TODLITO - 6158' ENTRADA - 6254' CHINLE - 6386'