Form:3160-5 (August 2007)

## .TED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

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

5. Lease Serial No.

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS
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SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					USA NMNM 6. If Indian, A	29342 Allottee or Tribe Name
SUBMIT IN TRIPLICA	TE - Other instruction	ons on page 2	OLIVI.	. Junior	7. If Unit or 0	CA/Agreement, Name and/or No.
1. Type of Well Oil Well X Gas Well Other		NO'	V 09 <b>2010</b>		8. Well Name	
2. Name of Operator				· .	Carracas	12A # 1H
Energen Resources Corporation			oton Alekti OK Lund Alexado		0. 47131 (1)	<u> </u>
3a. Address			(include area co		9. API Well 1	<sup>10.</sup> 39~30825
2010 Afton Place, Farmington, NM 8	37401	(505)	325-6800			i Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey I	Description)					•
SHL: (I) Sec.12, T32N, R05W 1900'FS						itland Coal
BHL: (M) Sec.12, T32N, R05W 110'FSL	. & 110'FWL				1	or Parish, State
		<u>.</u>			Rio Arrib	
12. CHECK APPROPRIATI	E BOX(ES) TO INI	DICATE NAT	URE OF NOTI	CE, REPO	RT, OR OTH	ER DATA
TYPE OF SUBMISSION			TYPE O	F ACTION		
X Notice of Intent	Acidize	Deepen		Production	(Start/Resume)	Water Shut-Off
		Fracture	. T	Reclamati		Well Integrity
Subsequent Report	Alter Casing			₹		
<u></u>	Casing Repair		nstruction	☐ Recomple		X Other Set plug and
Final Abandonment Notice	Change Plans	Plug and	d Abandon	_ Temporari	ly Abandon	move off because
	Convert to Injection	n Plug Ba	ck	Water Dis	posal	of forest closure
testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)  Energen Resources would like to make the following change to the Carracas 12A #1H. The changes will be pertaining to setting a plug inside the 7" casing and moving off the location until April 1, 2011:  * As previously submitted, a whipstock was set and window milled, and the lateral drilled to 7940'MD.  * The rig was stuck with the bit at 7906'MD and fishing was attempted.  * The 3-1/2" drill pipe was sheared and seperated at 4786'MD. Again, fishing was attempted to recover the remaining pipe and BHA still left downhole. Did not retrieve fish.  * Did not have enough time left due to forest closure, therefore, Energen plans to set a cast iron bridge plug at 4640'MD and move off location until the forest opens back up in 2011.  * Bridge plug was pressure tested to 1500 psi for 30 minutes. Test OK.  * All operations were inside the legal window.  * CONDITIONS OF APPROVAL  * A wellbore diagram and tally of all iron left in the hole is attached Adhere to previously issued stipulations.  Verbal approval was attained from Jim Lavato at the BLM and Charlie Perrin at the OCD before conducting						
14. I hereby certify that the foregoing is true and correct		1			KUV	D AUG 8'11.
Name (Printed/Typed) STEPHEN BYERS			Drilling	Fnaine	er OIL	CONS. DIV.
STEPHEN BYERS  Title Drilling Engineer UIL GUNS. DIV.  Signature Stoken Sugar.  Date 11/3/2010						
THIS	SPACE FOR FEDI			USE	i i	)19T. 3
Approved by		Title			ľ	Date
Conditions of approval, if any, are attached. Approval of this notic the applicant holds legal or equitable title to those rights in the subjectitle the applicant to conduct operations thereon.	ce does not warrant or certif ject lease which would	y that Office	FFO	ngineer	-	11 1/10/2010
entrue are applicant to conduct operations dicieon.			110			

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Date	<u>8-8-</u>	11

Sheet No.

79401

**Engineering Chart** 

Subject Carracas 12A # 1H  Total Wellbore Diagram  10/7/10 - 11/4/10: Drill Haurtace T/7440; (\$\$57, 2nd ateral)  95%, 32.3*, H-40 src in 12/4" OH, circ. 6 bbls back (ent) to surface  95%, J55, LTc in 8 40H. Circ. 30 bbls back (ent) to surface  * / 5t Lateral attempt: Drilled f/4495. T/5039 HD. Pirectional tools  were wrong and we had to plug back a attempt sidetrack off of  emt plug. SToff of cnt did not work, decided to set CBP in 7"cs  and use whipstock. 200 CBP was set @ 4688 MD + press tested. Whipstock  set @ 4688. Top of whip stide @ 4676, bellowed slide@ 4684 MD. Window  milled in 7"csg f/4674" 7/4684.				9	3			
Total Wellbore Diagram  10/7/10 - 11/4/10 : Drill F/surface T/7940; 1557, 2nd Lateral  95/6", 32.3", H-40 STC in 12/4" OH, circ 6 bb/s back (cmt) to surface  222'  1, 23", J-55, LTC in 8 4 OH. Circ. 30 bb/s cut to surface  * 1st Lateral attempt: Drilled F/4695 T/5039 HD. Direction al tools  were wrong and we had to plug back a attempt sidetrack off of  cmt plug. ST off of cmt did not work, decided to set CBP in 7"csc  and use whipstock. Est CBP was set @ 4688 MD + press tested. Whipstock  Set @ 4688. Top of whip stide @ 4676', bottome of slide @ 4684' MD. Window  milled in 7"csg F/4674 T/4684.	Subject	Car	rracus 12A	# ( H			By _> 122ey	exs
10/7/10 - 11/4/10 Drill Flourface 7/7940, 1557, 2nd Lateral  95/8", 32.3", H-40 STC in 12/4" OH, circ 6 bbls back (cmt) to surface  222'  7", 23", J-55, LTC in 8 1/4 OH. Circ 30 whise cut insurface  * 1st Lateral attempt: Drilled F/4695 T/5039 MD. Directional tools:  were wrong and we had to flug back a attempt sidetrack off of  emt plug. 3T off of cat did not work, decided to set CBP in 7"csc  and use whipstock. * CBP was set @ 4688 MD + press tested. Whipstock  set @ 4688. Top of whip stide @ 4676', bottom of slide @ 4684' MD. Window  milled in 7"csg F/4674" T/4684.		Total	Wellbore D	jagram				
95/8" 32.3", H-40 STC in 12/4" OH, circ 6 bb/s back (ent) to surface  222'  7", 23", J-55, LTC in 8 1/4 OH. Circ 30 bb/s cantiagrature  * 1st Lateral attempt: Drilled F/4695 T/5039 MD. Directional tools  were wrong and we had to plug back a attempt sidetrack off of  ent plug. ST off of cat did not work, decided to set CBP in 7"csc  and use whipstock. En CBP was set @ 9688 MD + press tested. Whipstock  Set @ 4688. Top of whip stide @ 4676', before of slide @ 4684' MD. Window  milled in 7"csg F/4674" T/4684.	10/7	110 - 11/	4/10 Drill A	/surface T/7	940 , 15+ 2"	idiateral		
* 15t Lateral attempt: Drilled F/4695 T/5039 MD. Directional tools were wrong and we had to plug back a attempt sidetrack off of emt plug. ST off of cint did not work, decided to set CBP in 7"csc and use whipstock. * CBP was set @ 4688 MD + press tested. Whipstock set @ 4688. Top of whip stide @ 4676, bottom of slide @ 4684 MD. Window milled in 7"csg F/4674" T/4684.	95/6"		95/8", 32-3#,	H-40 STC in 12	14" OH, circ. 6.66	ils back (cmt	) to surface	1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _ 1 _
evere wrong and we had to plug back a attempt sidetrack off of ant plug. ST off of cont did not work, decided to set CBP in 7" con and use whipstock. ** ** CBP was set @ 4688 MD + press tested. Whipstock set @ 4688. Top of whip stide @ 4676', bottom of slide @ 4684' MD. Window milled in 7" csg F/4674" T/4684.				J-55, LTC. in 8	40H. Circ - 30.66	els contiese	vfuce	1 1 1
and use whipstock. ** CBF was set @ 4688 MD + press tested. Whipstock set @ 4688. Top of whip stide @ 4676', bottom of slide @ 4684' MD. Window milled in 7" csg F/4674" 7/4684.			17:		and the second s			, ,
milled in 7°csg F/4674 7/4684.			and i	plug. SToffo ise whipstock.	f cont did not the CBP was se	work, dec	ided to est of	CBP in 7"csg 1. Whipstock
C3P # 10 9640		· · · · · · · · · · · · · · · · · · ·	18 '			, bellow of sl	ide @ 4684 mD	, Window
C3P \$ 20 4640		;		. <i>t</i>				i
			C3P 20#1	0.4670	:			

\* 2nd Lateral Attempt: (1stST) Drilled 6/4" ST from 4674 to 7940 MD.

Drill string stuck @ 7910 MD (30 off bottom). Attempted to retreive fish w/ no success. Decided to back off the DP and screw in fishing javs.

While jarring w/ fishing javs, DP broke in that hole 101 below milled window. Topof fish @ 4785 MD. Attempts were made to retraive fish, but could never find topof fish to latch on. Decision was made to set CBP and move off b/c of forest closure. CBP#1 set@ 4670 MD.

Plug did not set, to was left in hole. CBP#2 set@ 4640 MD. Tested OK.

Top of Fish Top 4785 MO

,	F-0.4400	TA 0000 0005
	COLLL	TA-0000-0005

Existing Window

Top of Fish O 4786MD

BHA 3

14685 MD



AN ENERGEN COMPANY **Engineering Chart** 

Sheet No.
File
Anna

Date 11-3-10 By 5. Byers

Carracas /2A \*/H 2<sup>nd</sup>lateral Attempt (1<sup>st</sup>sidetrack) Subject \_

Wellbore Diagram

1834 OH · Bit Mone! Filter Sub Periscope (SLB) Drilling Jars 1 it 31/2"DP(shewed) 25' 4,695MD length 0.70 16.98 2.72 3.77 30.43 30.65 30.65 107AL = 142.19 3,121.18 top of fish @ 4786 MD 614"0H

Tally of Equipment Left Downhole: with the bit @ 7906 MD and the