Form 3160-4 (April 2004)

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

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

5. Lease Serial No.

WELL	COMPLETION	OR	RECOMPLETION	REPORT AND LOG

		of Well of Completi	Oil W		Gas Wo		Dry Work Over	Other Deep	en Plu	ıg Back	Diff.	Resvr,				e or Tribe Name ement Name and No.
	<b>N</b> T	60 1		Other _										, Omi	or CA Agice	ment rame and ro.
2.	Name	of Operato	or										1	8. Lease	Name and	Well No.
3.	Addre	SS							3a. Pho	one No.	(include are	ea code	) 9	9. AFI V	Well No.	
4.	Locati	on of Well	(Report lo	ocation cle	early and	d in acc	cordance wit	th Federa	l requiremen	ıts)*			10	0. Field	and Pool, or	r Exploratory
	At sur	face											_	1 0	T. D. M.	
At top prod. interval reported below														11. Sec., T., R., M., on Block and Survey or Area  12. County or Parish   13. State		
	At tota	ıl depth											"	2. Coun	ity or Parisn	13. State
14. Date Spudded 15. Date T.D. Reached 16. Date Completed D & A Ready to Prod.												17. Elevations (DF, RKB, RT, GL)*				
18. Total Depth: MD TVD 19. Plug Back T.D.: MD TVD										20. Dep						
21.	Tvpe l			echanical	Logs Ri	un (Sul	bmit copy o				22. Was	well c	ored?	No	Yes (Sub	mit analysis)
	- 7 F					(~					Was	DST r	un?	No	Yes (Sub	mit report)
23.	Casin	a and Line	ar Dacord	l (Panort	t all str	inas s	et in well)				Dire	ctional	Survey?	No	Yes (S	Submit copy)
	e Size	Size/Gra		(#/ft.)			Bottom (M		e Cementer		f Sks. &	Slu	rry Vol.	Cemer	nt Top*	Amount Pulled
11010 5120		Size/Git	Grade W. (mit.)		Top (MD) Bottom (MD)		I	Depth		of Cement	(	BBL)	Comer	птор		
24.	Tubing	g Record														I
S	Size	Depth	Set (MD)	Packer	Depth (!	MD)	Size	Dept	th Set (MD)	Packer	Depth (MD	)	Size	Dept	h Set (MD)	Packer Depth (MD)
25.	Produc	ing Interva	als					26.	Perforation	n Record						
		Formation			Top				Perforated	Size		No. Holes		I	Perf. Status	
A) B)																
D) C)																
D)																
27.		Fracture, Tr Depth Inter		Cement Sq	ueeze, e	etc.					nd Type of	Marini	-1			
	1	Depin Inter	vai						A	mount a	nd Type of	Materi	aı			
28.	Produ	ction - Inte	rval A													
	First duced	Test Date	Hours Tested	Test Production		BL	Gas MCF	Water BBL	Oil Grav Corr. A	vity PI	Gas Gravity	1	Production	Method		
Chol		Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BB	l BL	Gas MCF	Water BBL	Gas/Oil Ratio		Well Status					
<del>28a</del> .	Produ	action - Int	erval B					1								
Date	First luced	Test Date	Hours Tested	Test Production	n Oil BB		Gas Water MCF BBL		Oil Gravity Corr. API		Gas Gravity		Production	Method		
Chol		Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BB	L	Gas MCF	Water BBL	Gas/Oil Ratio		Well Stat	tus				

<sup>\*(</sup>See instructions and spaces for additional data on page 2)

20h D. 1		1 C										
Date First	Test		Tact	Oil	Goo	Water	Oil Georgity	Gas	Production Method			
Produced	Date	Hours Tested	Test Production	BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
28c Prod	uction - Inte	erval D			+							
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity	ias Production Method Gravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)												
30. Sum	mary of Por	ous Zones	(Include Act	uifers):				31. Formati	ion (Log) Markers			
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals a tests, including depth interval tested, cushion used, time tool open, flowing and and recoveries.							and all drill-stem d shut-in pressures	31. Formation (Log) Markets				
Form	nation	Тор	Bottom		Descri	ptions, Conten	its, etc.		Top Meas. Depth			
32. Addi	tional rema	rks (include	plugging pr	rocedure):								
33. Indica	ate which it	mes have b	een attached	l by placing		he appropriate						
			ogs (1 full se			ologic Report	DST Report	Direction	aal Survey			
Su	ındry Notice	e for plugg	ing and ceme	ent verificat	ion Co	re Analysis	Other:					
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*												
Nama	(please pri	nt)					Title					
ivaiile	(pieuse prii	···/					-					
Signa	Signature Date											

Title 18 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 of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 23: Show how reported top(s) of cement were determined, i.e. circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

## PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

## **BURDEN HOURS STATEMENT**

Public reporting burden for this form is estimated to average 60 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer, (WO-630), MS 401 LS, 1849 C Street, N.W., Washington, D.C. 20240.