

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SF - 078905

6. If Indian, Allottee or tribe Name

7. Unit or CA/Agreement Name and/or No.

8. Well Name and No.

GCU 159E

9. API Well No.

30-045-25717

10. Field and Pool, or Exploratory Area

Dakota

11. County or Parish, State

San Juan County, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850' FSL & 980' FWL Sec 31 T28N R12W

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Abandon
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Water Disposal	
	<input type="checkbox"/> Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Other	

REPAIR CASING

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once 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 site is ready for final inspection.

8/23/06 CASING LEAK WAS FOUND BETWEEN 1398' & 1413'. Sanggam Situmeang called the BLM and received verbal approval from Steve Mason to proceed with repair as follows: Run CBL 4275' - Surface; Sqz leaks; drill out & pressure test CSG. Re-sqz if necessary. Will notify agencies prior to cement work.

14. I hereby certify that the foregoing is true and correct

Name (Printed/typed) Cherry Hlava

Title

Regulatory Analyst

Signature

Cherry Hlava

Date

08/23/2006

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

SEP 01 2006

Conditions of approval, if any, are attached. Approval of this notice does not warrant or Certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

NMOC

SJ Basin Well Work Procedure

Well Name: GCU 159E
Date: August 23, 2006
Budget: GCU Well Servicing
Repair Type: Casing Repair

Pertinent Information: Gas BTU content for this well is 1183; Sp gr. is 0.6849; H2S is 0 (08/24/04). Venting and Flaring document needs to be followed with the assumption that BTU content is above 950. Initial BH pressure = 44.0 psi; BH down to 0 psi in 71 seconds (05/07/03).

Location:	T28N-R12W-Sec31	API #:	30-045-25717
County:	San Juan	Meter #:	94910
State:	New Mexico	Engr:	Sanggam Situmeang
Horizon:	DK		ph (505) 326-9263

Procedure:

Preparations

1. Perform pre-rig site inspection. Check for size of location, gas taps, other wells, other operators, running equipment, wetlands, wash (dikes required), H2S, barriers needed for equipment, landowner issues, location of pits (buried lines in pits), raptor nesting, critical location.
2. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.
3. Have P&S strip location and set barriers as necessary. Lock out/tag out any remaining production equipment.

Rig Operations

4. MIRU workover rig. Hold safety meeting and perform JSA. Complete necessary paperwork and risk assessment.
5. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings. Check hold down pins on hanger.
6. Blow down well to flow back tank. Kill with 2% KCl water ONLY if necessary. Check all casing strings to ensure no pressure exist on any annulus.
7. RU slickline. Set mechanical barrier plugs in tubing. Blowdown / kill tubing and casing.
8. Hold JHA and fill out permit for BOP critical lift. Test single mechanical barrier on annulus side, if wellhead has raised neck hanger and bonnet test connection. ND wellhead. Install TIW valve on lifting pup in hanger. Strip on and NU BOP. Test BOP.

9. Strip on and NU diversion spool, stripper head and other under balanced well control equipment.
10. PU and TIH tubing until tag fill. Tally out of hole, calculate depth of tag and/or hole, check tubing for wear or scale.
11. TIH w/ bit & scraper to top of perforations and clean out to PBTD at 6050' if necessary. LD tubing if needed replacement.
12. TIH w/ RBP & Packer. Set RBP at 5900'. TOH one joint and set packer. Pressure test RBP to 1000 psi.
13. Pressure test casing above packer. Isolate leak, if any, by moving packer up hole and repeating pressure test of packer.
14. Release packer, spot sand on RBP.
15. Rig up E-line and run CBL-VDL from DV tool at 4275' to surface to confirm adequate cement behind casing. Relay log and results of log to Engineer.
16. TIH w/ Packer and set packer at 1275'. Establish injection rate into leak.
17. RU Cementer and squeeze leak as per Cementer procedure. WOC.
18. Unset packer and TOH. PU bit x DC's and D/O cement. Pressure test squeeze to 500 psi. Re-squeeze leak if necessary.
19. Clean out to top of RBP. Latch RBP and TOH.
20. MU BHA with F and X profile nipples. TIH tubing to 5988'. MU redressed tubing hanger and TIW valve on lifting pup. Land tubing.
21. Hold JHA and fill out permit for BOP critical lift. ND and strip off diversion spool, stripper head and other under balanced well control equipment. ND and strip off BOP. Remove TIW valve and lifting sub. NU wellhead.

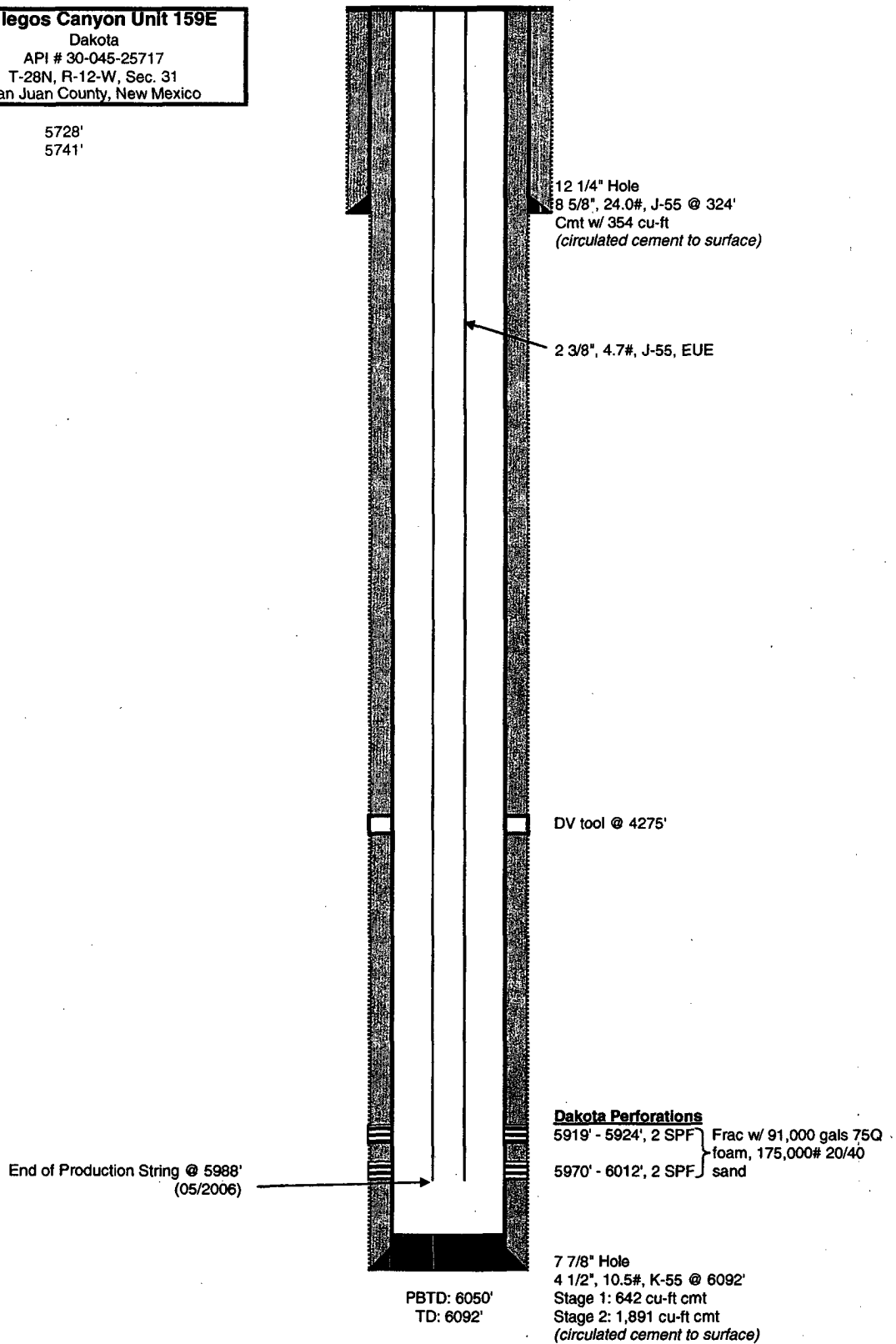
Put well back on production

22. RDMO workover rig.
23. Follow log out/tag out procedures to power up, pressure up, purge and return to service all surface equipment.
24. Return well to production.



Gallegos Canyon Unit 159E
Dakota
API # 30-045-25717
T-28N, R-12-W, Sec. 31
San Juan County, New Mexico

G.L. 5728'
K.B. 5741'



San Juan - San Juan South

Country: UNITED STATES	County: SAN JUAN	Event: WELL SERVICING	Wellbore: OH	Orig KB Elev: 0.00 ft
Region: NORTH AMERICA	State: NEW MEXICO	Event Start: 5/17/2006	Top TMD: 0.0 ft	Ground Elev: 0.00 ft
Bus. Unit: NAG SPU	District: FARMINGTON	Event End: <no data>	Bottom TMD: 0.0 ft	KB to GL: 0.0 ft
Perf Unit: SAN JUAN		Objective: WELLBORE CLEANOUT	Spud: 12/4/1983	Mud Line Elev: 0.00 ft
Asset: SAN JUAN SOUTH		Contractor: AZTEC WELL SERVICING		
Field: BASIN-DAKOTA-GAS				

Tubing/CT/SS Components	Min ID	Top	Wellsketch	Perf Interval / SPF / Phasing
1 - TUBING HANGER, 2.375	1.995 in	13.0 ft		
197 - TUBING, 2.375, 4.7#, J-55, EUE	1.995 in	14.0 ft		
1 - NIPPLE, PROFILE, 2.375, "X"	1.870 in	5,980.1 ft		
1 - TUBING SUB, 2.375 X 4 FT	1.995 in	5,981.0 ft		
1 - NIPPLE, PROFILE, "F", 2.375 OD, 1.780 ID	1.780 in	5,985.1 ft		
1 - ANCHOR, MUD, 2.375	1.995 in	5,986.0 ft		

GCU 159E		Strings/Assemblies in the Hole on		<no data>	
Wellbore: OH		Event: WELL SERVICING		Event Dates: 5/17/2006 to <no data>	

TUBING									
Install Date: 5/25/2006		Top: 13.00 ft		Status: INSTALLED					
		Bottom: 5,988.3 ft		Pull Date: <no data>					
Component Details	Size	Jts	Length	Weight	Grade	Threads	Min ID	Cond.	Comments
TUBING HANGER, 2.375	2.375 in	1	1.00 ft	0.00 lb/ft			1.995 in		TBG HANGER
TUBING, 2.375, 4.7#, J-55, EUE	2.375 in	197	5,966.05 ft	4.70 lb/ft	J-55	EUE	1.995 in		TBG
NIPPLE, PROFILE, 2.375, "X"	2.375 in	1	0.95 ft	0.00 lb/ft			1.870 in		X/NIPPLE
TUBING SUB, 2.375 X 4 FT	2.375 in	1	4.10 ft	0.00 lb/ft			1.985 in		TBG SUB
NIPPLE, PROFILE, "F", 2.375 OD, 1.7	2.375 in	1	0.94 ft	0.00 lb/ft			1.780 in		F/NIPPLE
ANCHOR, MUD, 2.375	2.375 in	1	2.25 ft	0.00 lb/ft			1.995 in		MUD ANCHOR