Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
91 MAR 19 AM 11:32
070 FARMINGTON, NM

5. LEASE DESIGNATION AND SERIAL NO.: NM-8005

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: BCO, Inc.

8. FARM OR LEASE NAME: Federal D

3. ADDRESS OF OPERATOR: 135 Grant, Santa Fe, NM 87501

9. WELL NO.: 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 475' FSL & 2185' FEL

10. FIELD AND POOL, OR WILDCAT: South Bisti Gallup Ext

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 3, T23N, R9W, NMPM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 6815'

12. COUNTY OR PARISH: San Juan

13. STATE: NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Cement Long String			[X]
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

March 18, 1991

Please find attached Halliburton Job Log. Inadvertently omitted from Cement Long String Sundry that was submitted March 11, 1991.

RECEIVED
APR 15 1991
OIL CON. DIV.,
DIST. 3

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

SIGNED Elizabeth B. Keesher TITLE President DATE 3/18/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
APR 12 1991
FARMINGTON RESOURCE AREA
BY _____

*See Instructions on Reverse Side

HALLIBURTON SERVICES

JOB SUMMARY

DIVISION [illegible]

HALLIBURTON LOCATION Farmington

BILLED ON TICKET NO. 077461

WELL DATA

FIELD ______ SEC. 3 TWP. 23N RNG. 9W COUNTY SAN JUAN STATE NM

FORMATION NAME ______ TYPE ______

FORMATION THICKNESS ______ FROM ______ TO ______

INITIAL PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

PRESENT PROD: OIL ______ BPD. WATER ______ BPD. GAS ______ MCFD

COMPLETION DATE ______ MUD TYPE ______ MUD WT. 9.6

PACKER TYPE D.V. tool SET AT 3976.92

BOTTOM HOLE TEMP. ______ PRESSURE ______

MISC. DATA ______ TOTAL DEPTH 5050

RECEIVED BLM 91 MAR 19 AM 11:02 019 FARMINGTON, N.M.

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	11.6	4.5	0	5061	
LINER						
TUBING						
OPEN HOLE			7 7/8		5050	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 3-7	DATE 3-7	DATE 3-7	DATE 3-8
TIME 1400	TIME 1515	TIME 2100	TIME 0330

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR	1	Howco
~~FLOAT SHOE~~ Cmt Basket	3	
GUIDE SHOE	1	
CENTRALIZERS	16	
BOTTOM PLUG Plug set		
TOP PLUG	1	
HEAD	1	
PACKER D.V. tool	1	
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
T. Collins 88178	39857	Farmington
R. Snyder 88177	50464 P / 5363 P	
A.J. Jahangiri 00600		
D. Beery E1630	5921	
B. Voegeli E0049	5447	
B. James 79421	7797	
Barns	3488	
S. Cannon	43221	

DEPARTMENT Cmt & Bulk

DESCRIPTION OF JOB Cmt 4.5" 2 Stage

JOB DONE THRU: TUBING ☐ CASING ☒ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Ray King

HALLIBURTON OPERATOR T. Collins

COPIES REQUESTED ______

MATERIALS

TREAT. FLUID ______ DENSITY ______ LB/GAL.-°API

DISPL. FLUID ______ DENISTY ______ LB/GAL.-°API

PROP. TYPE ______ SIZE ______ LB.

PROP. TYPE ______ SIZE ______ LB.

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

ACID TYPE ______ GAL. ______ %

SURFACTANT TYPE ______ GAL. ______ IN

NE AGENT TYPE ______ GAL. ______ IN

FLUID LOSS ADD. TYPE ______ GAL.-LB. ______ IN

GELLING AGENT TYPE ______ GAL.-LB. ______ IN

FRIC. RED. AGENT TYPE ______ GAL.-LB. ______ IN

BREAKER TYPE ______ GAL.-LB. ______ IN

BLOCKING AGENT TYPE ______ GAL.-LB. ______

PERFPAC BALLS TYPE ______ QTY. ______

OTHER ______

OTHER ______

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	50	Prem		B	6.25# gilsonite 8# salt 1/4# flocele	1.38	15.2
1	390	Prem		B	6.25# gilsonite, 8# salt 1/4# flocele, 2% C.C	1.38	15.2
2	920	50/50		B	2% gel, 2% KCL (BWOW) 1/4# gilsonite	1.46	12.8

PRESSURES IN PSI

CIRCULATING ______ DISPLACEMENT ______

BREAKDOWN ______ MAXIMUM ______

AVERAGE ______ FRACTURE GRADIENT ______

SHUT-IN: INSTANT ______ 5-MIN. ______ 15-MIN. ______

HYDRAULIC HORSEPOWER

ORDERED ______ AVAILABLE ______ USED ______

AVERAGE RATES IN BPM

TREATING ______ DISPL. ______ OVERALL ______

CEMENT LEFT IN PIPE

FEET 44.10 REASON Shoe Joint

SUMMARY

VOLUMES

PRESLUSH: BBL-GAL 20 / 20 TYPE Mud Flush / Super Flush

LOAD & BKDN: BBL-GAL ______ PAD: BBL-GAL ______

TREATMENT: BBL-GAL ______ DISPL: BBL-GAL 77.5 / 61.9

CEMENT SLURRY: BBL-GAL 23.5 @ 15.2 / [illegible] @ 12.8

TOTAL VOLUME: BBL-GAL ______

REMARKS

See Job Log

CUSTOMER Bell · LEASE Federal · WELL NO. 3 · JOB TYPE Cmt. 4.5 · DATE 3-7-91

FORM 2025-R2

HALLIBURTON SERVICES

JOB LOG

FORM 2013 R-2

WELL NO. 3 LEASE Federal D TICKET NO. 077461

CUSTOMER BCO PAGE NO.

JOB TYPE cmt 4.5" 2 Stage DATE 3-7-91

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1515							ON LOCATION w/ flt eqs.
	1930							ON LOCATION w/ Pump Truck
								safety meeting
	2100	2.5	20					start mud, Flush
	2108		93.5 (@	15	3#		500	start cmt
	2124							start Displ
			75				500	
	2136		77				1000	Plug Down, Check flt OK.
	2143							Drop bomb
	2205						1425	OPEN tool
								circ. 2 BBLS cmt
2ND								
	0155	2	5				150	start H2O
	0157	3	10					start C.C H2O
	0200	3	10					start H2O
	0203	3	20				550	start Supce Flush
	0210		4					WASH Pump/lines
	0215	5	10					start H2O
	0217						450	start cmt
		8	49 (@	12	3#			
	0246	4.5					550	start Displ
	0300		62				1500	Plug Down, tool close
								tool OK
								circ 52 BBLS cmt
								Job Compl
								Thanks
								Tom, Randy + crew