

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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. NAME OF OPERATOR BCO, Inc.	3. ADDRESS OF OPERATOR 135 Grant, Santa Fe, NM 87501	4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2170' 4450' 2175' FNL & 600' FWL	5. LEASE DESIGNATION AND SERIAL NO. NM-8005	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	7. UNIT AGREEMENT NAME	8. FARM OR LEASE NAME Federal D	9. WELL NO. 5	10. FIELD AND POOL, OR WILDCAT South Bisti Gallup Ext	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 10 T23N R9W NMPM	12. COUNTY OR PARISH San Juan	13. STATE NM
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 6878'											

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> 2nd Stage Cement Job	

(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.)\*

RECEIVED

APR 26 1991

GILSON, DIV.

UNIT 2

3/20/91 Rigged up. Ran tubing to 1200' and reversed out taking samples of displacement fluid.

3/21/91 Continued running tubing reversing out every 1200' to sample displacement fluid from specified intervals. Tagged DV tool at about 4056'. DV tool opened. Mixed mud and used mud to break circulation from DV tool to surface. Notified Bill Blackard of BLM at 4:00 p.m. that intended to cement from 4056' to surface. Since able to circulate through DV tool, top of first stage cement is below DV tool. Will determine top of first stage cement with bond log.

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

SIGNED Elizabeth B. Keeshan TITLE President

DATE 4/2/91

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

APR 28 1991

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NMOC

Operator: BCO, Inc. 135 Grant  
Avenue Santa Fe, NM  
87501

SUNDRY NOTICES AND REPORTS ON WELLS

Lease No.: NM 8005

Page Two

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3/22/91 . Pumped 16 barrels water to re-establish circulation, pumped 30 barrels  $\text{CaCl}_2$  water, pumped 10 barrels water spacer, pumped 30 barrels Superflush 102, pumped 10 barrels water. Pumped 800 sacks of Class "G" 50/50 PozMix mixed with 2% Gel, 2% KCL by weight of water and 12 pounds Gilsonite per sack at 12.8#'s, with a yield of 1.46 cubic feet per sack or 1168 cubic feet (approximately 209 barrels slurry). Lost circulation with 53 1/2 barrels displacement in. Locked up and couldn't pump remaining 8 barrels of displacement. Held pressure until stopped coming back. Will determine cement top when complete well.

Attached is copy of Halliburton job log.

3/23/91 . Tagged cement at 3355'. Drilled to DV tool and closed sleeve on tool. Pressure tested casing at 1500#.

3/26/91 . Drilled out DV tool. Tagged cement at 4924'. Drilled out cement to 4984' which is PBTD. Landed 2 3/8" tubing at 4980'.

3/27/91 . Rolled hole with KCL water. Plan to complete well in April or May 1991.

WELL DATA			
FIELD	SEC	TWP	RNG
	10	33N	10W
COUNTY: SOUTHERN STATE: NM			
FORMATION NAME	TYPE	NEW USED	WEIGHT
FORMATION THICKNESS	FROM TO	CASING	11.6 44
INITIAL PROD: OIL	BPD. WATER	BPD. GAS	MCFD
PRESENT PROD: OIL	BPD. WATER	BPD. GAS	MCFD
COMPLETION DATE	MUD TYPE	MUD WT.	
CASING TYPE	MSC	SET AT	4067
BOTTOM HOLE TEMP	PRESSURE		
MISC. DATA	TOTAL DEPTH	5250	

TOOLS AND ACCESSORIES		
TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER	MSC	1 Howden

MATERIALS			
TREAT. FLUID	DENSITY	LB/GAL-API	
DISPL. FLUID	DENSITY	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			

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 3-22	DATE 3-22	DATE 3-22	DATE 3-22
TIME 0500	TIME 0900	TIME 1045	TIME 1400

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
J. WRIGHT	36719	55930
P. KEMPER	4168	
46660	75196	
B. James	4010	"
D. BRYAN	4452	"
L. FREEMAN	4183	"
E1976		
S. CANNON	Field super	"
43221		

DEPARTMENT	DESCRIPTION OF JOB
535	Cement Second Stage of

JOB DONE THRU:	TUBING	CASING	ANNULUS	TBG/ANN.
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER REPRESENTATIVE
XRAY KING

HALLIBURTON OPERATOR	COPIES REQUESTED
Jim Wright	

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT/SK.	MIXED LBS/GAL
2							

PRESSURES IN PSI				SUMMARY		VOLUMES	
CIRCULATING	400	DISPLACEMENT	600 - 3000	PRESLURRY	BBL-GAL	16-30-10-30-10	TYPE H <sub>2</sub> O, CaCl <sub>2</sub> , H <sub>2</sub> O, SF, H <sub>2</sub> O
BREAKDOWN		MAXIMUM		LOAD & BKDN	BBL-GAL	PAD	BBL-GAL
AVERAGE		FRACTURE GRADIENT		TREATMENT	BBL-GAL	DISPL	BBL-GAL
SHUT-IN: INSTANT		5-MIN.	15-MIN.	CEMENT SLURRY	BBL-GAL	208	
HYDRAULIC HORSEPOWER				TOTAL VOLUME	BBL-GAL	357	
ORDERED	AVAILABLE	USED		REMARKS			
AVERAGE RATES IN BPM				See Log			
TREATING	DISPL	OVERALL					
CEMENT LEFT IN PIPE							
FEET	67	REASON	Bridge off				

## JOB LOG

WELL NO. 50 LEASE FEDERAL TICKET NO. 077-73

CUSTOMER BCO PAGE NO.

JOB TYPE 2<sup>ND</sup> STAGE Longstring DATE 3-22-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0900							on location, Rig up, Safety meeting
	1045	4	16				300	Begin Pumping to Break circulation
	1050	4	30				300	Circulation Broken, Start CCL <sub>2</sub>
								Lost circulation w/14 bbl in some gas ki
	1100	4	10				300	Circulation Returned Start H <sub>2</sub> O Spacer
	1105	4	30				300	Pump Super Flush
	1115	4	10				300	H <sub>2</sub> O Spacer
	1117	8	208				400	Start mixing and pumping CEING
	-							mixed @ 12.8 #/gal
	1150							Shut Down Drop plug
	1151	7-1	63				1100	Begin Displacement
	1200						2500	53 bbls in hole bridged off shut
								DOWN STANDBY
	1230	-	-				3000	BRING pressure up to 3000 psi
	1245							OPEN Release flowing back
	1246						3000	Pump on it to bring pressure
								back up, shut Down standby
	1345							open Release - still flowing back
	1346	-	-				2500	Pressure up on casing close in
								Job Complete
								THANKS
								JIM & CREW

CUSTOMER