

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

NM-6681

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal C

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

31-23N-7W

12. COUNTY OR PARISH 13. STATE

Sandoval

NM

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 XXX GAS ☐ WELL ☐ OTHER

2. NAME OF OPERATOR

Bco, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 669 Santa Fe, N.M. 87501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2310' FSL 790' FEL Sec 31 T23N R7W NMPM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 6891

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(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 perti-
nent to this work.)*

Sandoil fracked with 37,000 gallons oil, 37 gallons Morflo, and 40,000 #'s
sand on March 20, 1972, as shown on attached halliburton report.

Will file Form 9-330 and State completion report as soon as all oil is
recovered.

Note: We purchased 1219.65 net bbls. from our trucking division 1-23-72 thru
1-27-72 to break this well down with and frac with. We have previously
received authorization to haul 228.57 bbls of this oil. We are currently
requesting permission to recover the remaining 991.08 bbls as shown on
the attached State Form C-126.



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

SIGNED

Harry R. Bigh

TITLE

President

DATE 3-24-72

(This space for Federal or State official use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

HALLIBURTON SERVICES

JOE SUMMARY

HALLIBURTON
DIVISION

Midland

HALLIBURTON
LOCATION

Farmington

BILLED ON 436764
TICKET NO.

FORM 2012

WELL DATA

FIELD Wildcat SEC. 31 TWP. 23N RNG. 7W COUNTY Sandoval STATE N.M.

FORMATION NAME Gallup TYPE sand

FORMATION THICKNESS 359 FROM 4799 TO 5158

INITIAL PROD. OIL none BPD. WATER none BPD. GAS none MCFD

PRESENT PROD. OIL 9 1/2 BPD. WATER 1/2 BPD. GAS none MCFD

COMPLETION DATE 2-7-72 MUD TYPE - MUD WT. ?

PACKER TYPE - SET AT -

BOTTOM HOLE TEMP. 122°F PRESSURE ?

MISC. DATA Breakdown w/Balls & 2-7-72

JOB DATA

5056-5058; 5075-5078 5154-5158

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID Oil lease DENSITY 45 TOTAL GAL. API

DISPL. FLUID Oil lease DENSITY 45 LB/GAL. API

PROP. TYPE Sand SIZE 10-20 LB. 40,000

PROP. TYPE - SIZE - LB. -

ACID TYPE - GAL. - % -

ACID TYPE - GAL. - % -

ACID TYPE - GAL. - % -

SURFACTANT TYPE Morflo II GAL. 37 IN 37,000

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 RCN-770" GAL. - LB. 36

PERFPAC BALLS TYPE RCN 7/3" QTY. 36

OTHER -

OTHER -

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.

SUMMARY

PRESSURES IN PSI

CIRCULATING - DISPLACEMENT 3200

BREAKDOWN none MAXIMUM 3600

AVERAGE 2900 FRACTURE GRADIENT -

SHUT-IN INSTANT 1300 15-MIN. 1250 15-MIN. 1200

HYDRAULIC HORSEPOWER -

ORDERED 1700 AVAILABLE - USED 1741

AVERAGE RATES IN BPM

TREATING - DISPL. - OVERALL 24.5

CEMENT LEFT IN PIPE

FEET - REASON -

VOLUMES

PREFLUSH: BBL. GAL. 0 TYPE -

LOAD & BKDN: BBL. GAL. 2100 PAD: BBL. GAL. -

TREATMENT: BBL. GAL. 37,000 DISPL: BBL. GAL. 3540

CEMENT SLURRY: BBL. GAL. -

TOTAL VOLUME: BBL. GAL. 40,540

REMARKS

CUSTOMER

BCO, Inc.

LEASE

"C"

WELL NO.

2

JOB TYPE

Sandoil

DATE

3-20-72

JOB LOG

TICKET NO. **436764**

BCO, Inc.

PAGE NO 1

CUSTOMER

Sandoz

DATE **3-20-72**

FORM 2013

JOB TYPE

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1349				4		0	Fill casing & get pressure
	1351	22	start		4			Start sand at 1/2#
	1353		2100		4			Hole Loaded
	1353½	20					2000	
	1354½	24	3310		4		2500	Stop - BOP leaking
	1359							Pumping
	1400	18	4100		4		2400	Start sand at 1#
	1401	25			4		2700	
	1403½	25	96		4		2825	1# sand on formation
	1407	26	11000		4		2850	Drop 9 balls
	1410	25½	11530		4		2800	2825-3000# Balls hit
	1412	23			4		2700	
	1414	24	18300		4		2900	
	1414½	23½	19000		4		2825	Drop 9 balls
	1417½	24	22530		4		2900	2900-3300# Balls hit
	1420	23	24000		4		3100	Sand at 1 1/4#
	1422½	23	26400		4		2900	Drop 9 balls
	1423½	23	27530		4			1 1/4# sand on formation
	1425½	23	29930		4		2900	2900# to 3400# Balls hit
	1428	22	28000		4			
	1429½	24	32800		4		2825	Drop 9 balls
	1432½	24	36330		4		2950	2900-3100# balls hit
	1434	23	37000		4		3100	Start flush
	1437½	24	3540		4		3200	Finish flush
		0					1300	ISIP
							1250	5 minute shut in
							1200	10 minute shut in
							1200	15 minute shut in

CUSTOMER

