

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-03595

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 ☒ 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

1850 FSL and 790 FEL Sec 18 T24N R7W NMPM

14. PERMIT NO.

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

GR 7171

7. UNIT AGREEMENT NAME

Escrito Gallup

8. FARM OR LEASE NAME

Escrito Gallup Unit

9. WELL NO.

9 (Formerly Eliz 5)

10. FIELD AND POOL, OR WILDCAT

Escrito Gallup

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

18-24N-7W NMPM

12. COUNTY OR PARISH

13. STATE

Rio Arriba

NM

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☒

REPAIRING WELL

☒

FRACTURE TREATMENT

☒

ALTERING CASING

SHOOTING OR ACIDIZING

☒

ABANDONMENT*

(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.)*

5-28-73 Ran perforating depth control logs. Set 4 1/2" Baker P-1 bridge plug at 5965'.
Perforated with 2 HJ 3 3/8" shots per foot, 5777-5779; 5795-5808; 5817-5819;
5874-5878; 5854-5864; 5864-5874; 5882-5887; 5892-5898; 5906-5908 with a total of 108 shots.

5-29-73 Spear headed frac with 500 gallons 15% acid. Sand water fracked perforations,
(5777-5908), with 74,000 #'s 10-20 sand and 52,000 gallons water. Breakdown
1400 #'s, avg treating pressure 2325 #'s, avg injection rate 27 BPM.

5-31-73 Drilled out bridge plug. Determined well had a casing failure.

6- 4-73 Set bridge plug at 5600'. Set retrievable at 4420 and squeezed with 100 sacks
Class A cement 2% CaCl.

6-5-73 Drilled 15' of cement and pulled bridge plug out. Swabbed well and placed on
pump jack 6-7-73. Production test run 6-17-73, 8 barrels of oil, 1 barrel of
water and 35 MCF.

ATTACHMENTS

Copies of Halliburton frac and squeeze reports.

Two copies of log to USGS, and one to OCC.

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

SIGNED

Harry B. Byrd

TITLE

President

DATE

JUL 12 1973

OIL-GAS COM.

DIST. 3

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

HALLIBURTON SERVICES

JOB SUMMARY

DIVISION Halliburton
HALLIBURTON LOCATION Indianapolis

BILLED ON 10/20/73
TICKET NO. 1000000

WELL DATA

FIELD Indianapolis SEC. 11 TWP. 24N RNG. 7E COUNTY Madison STATE IN

FORMATION NAME Oil TYPE Oil

FORMATION THICKNESS 151' FROM 177' TO 100'

INITIAL PROD. OIL BPD. WATER BPD. GAS MCFD

PRESENT PROD. OIL BPD. WATER BPD. GAS MCFD

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE SET AT

BOTTOM HOLD TEMP. PRESSURE

MISC. DATA

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<u>0</u>	<u>4 1/2</u>	<u>0</u>	<u>0</u>	<u>0.0</u>	<u>2000</u>
LINER	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TUBING	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
GRAPHS/SECTIONS	<u>END</u>	<u>5777</u>	<u>5770</u>	TOTAL DEPTH:		
PERFORATIONS	<u> </u>	<u>575</u>	<u>570</u>	SHOTS/FT.		
PERFORATIONS	<u> </u>	<u>577</u>	<u>570</u>	SHOTS/FT.		
PERFORATIONS	<u> </u>	<u>575</u>	<u>570</u>	SHOTS/FT.		

JOB DATA

5-20-73 1000 1000 1000

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
<u>5-20-73</u>	<u>1000</u>	<u>5-20-73</u>	<u>1000</u>	<u>5-20-73</u>	<u>1000</u>	<u>5-20-73</u>	<u>1000</u>

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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DEPARTMENT

DESCRIPTION OF JOB

JOB DONE THRU: TUBING ☐ CASING ☐ ANNULUS ☐ TBS./ANN. ☐

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING DISPLACEMENT

BREAKDOWN MAXIMUM

AVERAGE FRACTURE GRADIENT

SHUT-IN: INSTANT 5-MIN. 30-MIN.

HYDRAULIC HORSEPOWER

ORDERED AVAILABLE USED

AVERAGE RATES IN RPM

TREATING DISPL. OVERALL

CEMENT LEFT IN PIPE

REASON

PRE-FLUSH: BBL./GAL. TYPE

LOAD & BRK: BBL./GAL. PAD: BBL./GAL.

TREATMENT: BBL./GAL. DISPL. BBL./GAL.

CEMENT SLURRY: BBL./GAL.

TOTAL VOLUME: BBL./GAL.

REMARKS

JOB LOG

TICKET NO. 623045

CUSTOMER ECO, Inc.

PAGE NO. 1

JOB TYPE Sandwater

DATE 5-29-73

FORM 2013

[illegible]



FOI 11908 R-2 A Division of Halliburton Company
DUNCAN, OKLAHOMA 73133

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 673490
DATE 6-4-73

DISTRICT Farmington N M

TO: HALLIBURTON SERVICES

YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: BCO Inc

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING (CUSTOMER)

WELL NO. 5 LEASE E112400th SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY _____ STATE N M OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
FORMATION THICKNESS	FROM TO						
PACKER: TYPE <u>Belco 9 motor</u>	SET AT <u>4420</u>						
TOTAL DEPTH <u>6054</u>	MUD WEIGHT <u>4 1/2</u>						
BORE HOLE							SHOTS/FT.
INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							
PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF							

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☒ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED _____

Spacers

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As a condition of the employment of the following agent:

- (a) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (b) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (c) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (d) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (e) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (f) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (g) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (h) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (i) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (j) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (k) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (l) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (m) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (n) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (o) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (p) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (q) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (r) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (s) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (t) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (u) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (v) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (w) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (x) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (y) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.
- (z) The agent shall be bound by the terms and conditions stated in Halliburton's current price list.

THAT AN AGENT HAS BEEN APPOINTED TO REPRESENT THE CUSTOMER IN THE PERFORMANCE OF THE WORK ORDERED HEREON.

SIGNED _____ CUSTOMER

DATE 6-4-73

TIME 0700 P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

FGRB 2012

DIVISION 100-100000-100000-100000

HALLIBURTON
LOCATION

Fanning, John H

BILLED ON
TICKET NO

628470

WELL DATA

FIELD _____	SEC. _____	TWP. _____	RNG. _____	COUNTY _____	STATE _____
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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. _____		
PACKER TYPE _____	SET AT _____	_____		
BOTTOM HOLE TEMP. _____	PRESSURE _____			
MISC. DATA _____				

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	0	11 1/2	0	6054	7.5	800
LINER						
TUBING	0	2 7/8	0	4050	4.7	1000
OPEN HOLE					TOTAL DEPTH: 1000	
PERFORATIONS					SHOTS/FT. _____	
PERFORATIONS					SHOTS/FT. _____	
PERFORATIONS					SHOTS/FT. _____	

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER 7000-10-0016	1	DAKOP
OTHER 100-10-0016	1	DAKOP

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
PRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERFPAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

CALLER GUY	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 6-4	DATE 6-4	DATE 6-4	DATE 6-4
TIME 0630	TIME 0900	TIME 1145	TIME 1235

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
Webster Hiller	50677 41101	7561	31
Hanson			32
			33
Bonnet		F. 19.	

DEPARTMENT Cement

DESCRIPTION OF JOB _____

~~SECRET~~

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

CUSTOMER REPRESENTATIVE ☒ _____

HALLIBURTON OPERATOR Webster COPIES REQUESTED 1

CEMENT DATA

[illegible]

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 EMITTENT INSTANT _____ 5 MIN. _____ 15 MIN. _____
 HYDRAULIC HORSEPOWER _____
 CARRIED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 PUMPING _____ DIST. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 NET _____ REASON _____

VOLUMES

PREFLUSH: BBL-GAL. 3 VOLUMES TYPE DWTS
 LOAD & BURN: BBL-GAL. _____ FAD: BBL-GAL. _____
 TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 246
 CEMENT SLURRY: BBL-GAL. 21
 TOTAL VOLUME: BBL-GAL. 117.5

REMARKS

JOB LOG

TICKET NO. 673490

CUSTOMER

ECO Inc.

PAGE NO.

1

FORM 2013

JOB TYPE

DATE

6-4-73

CHART NO.	TIME	RATE (BPM)	VOLUME (GALL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1115	3	9			1000		LONG HOLE
	1118							
	1122	1	2					TEST BRIDGE PLUG
	1125					2200		DIS
	1128							HEAT HOLE
	1355		14			200	300	" "
								" "
	1405	4	19			1000		SPOT 2 SACKS 10/10 FINE
	1408							SAND ON TEST BRIDGE PLUG
	1455	1.5	3					FILL HOLE
	1458		2			1700	500	TEST RATE 4000 ML/H
	1458							1700
	1700	2	81				500	MIX CEMENT
	1710	1.4	265			800	500	DISPLACE CEMENT
	1750					1000	500	" "
								JOB COMPLETED
								CLOSE VALVE ON
								TUBING