

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-2355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-087657	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BCO, Inc.				7. UNIT AGREEMENT NAME Escrito Gallup	
3. ADDRESS OF OPERATOR P. O. Box 669 Santa Fe, New Mexico 87501				8. FARM OR LEASE NAME Escrito Gallup Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' FNL 990' FEL Sec. 13 T24N R8W At top prod. interval reported below SAME At total depth SAME				9. WELL NO. 21 (Smith #3)	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Escrito Gallup	
15. DATE SPUDDED 5-3-75				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 13 24N 8W N.M.P.M.	
16. DATE T.D. REACHED 5-13-75				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 5-20-75				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7075 GR				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6000		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY →				ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5674-5886 Gallup				25. WAS DIRECTIONAL SURVEY MADE Yes—statement attached	
26. TYPE ELECTRIC AND OTHER LOGS RUN Bluejet Gamma Ray Neutron and Cement Bond Log				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8		24.70		145	
4 1/2		11.50		6000	
HOLE SIZE		CEMENTING RECORD		AMOUNT FILLED	
12 1/4		100 Class A			
7 7/8		1065 per copy of Halliburton report attached			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2 3/8		5890			
31. PERFORATION RECORD (Interval, size and number)					
5674-78 5734-38 2 Shots per foot 5744-58 5774-80 5868-86					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5674-5886		1500 gals 15% acid			
		75,400 gals water and			
		100,000 #'s 10-20 sand			
33.* PRODUCTION					
DATE FIRST PRODUCTION 5-20-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 5-31-75		HOURS TESTED 24		CHOKE SIZE Open	
PROD'N. FOR TEST PERIOD →		OIL—BBL. 54		GAS—MCF. 162	
WATER—BBL. 0		GAS-OIL RATIO 3000			
FLOW. TUBING PRESS. 250 to 0		CASING PRESSURE 950 to 700		CALCULATED 24-HOUR RATE →	
OIL—BBL. 54		GAS—MCF. 162		WATER—BBL. 0	
OIL GRAVITY-API (CORR.) 40					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold prior to 7-1-75					TEST WITNESSED BY Harry R. Bigbee
35. LIST OF ATTACHMENTS Cement bond log, gamma ray neutron log, deviation statement, Halliburton cement & frac report					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Harry R. Bigbee</u>		TITLE <u>President</u>		DATE <u>6-5-75</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1605					
Picture Cliff	2359					
Chacra	3229					
Cliff House	3862					
Menefee	3952					
Pt. Lookout	4618					
Gallup	5652					

BCO, Inc.

OIL WELL OPERATOR
AND

TRUCKING DIVISION

P. O. BOX 669

SANTA FE, N. M. 87501

AREA CODE 505
983-1228

June 5, 1975

TO: Whom It May Concern

RE: Deviation tests Escrito Gallup Unit #21 (Smith #3)
Lease # NM-087657 1850' FNL 990' FEL Sec. 13 T24N R8W
N.M.P.M.

I hereby certify to the best of my knowledge and belief, that the following are the results of deviation tests taken on the above well.

<u>Depth</u>	<u>Degrees</u>
1718	1
2755	1 1/4
3458	3/4
3808	1
4886	3/4
5498	1
4331	3/4




HARRY R. BIGBEE
President

8 Copies attached to Form 9-330
9 Copies attached to Form C-104

JOB SUMMARY

138529

JOB DATA

MATERIALS

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-12-75	DATE 5-13-75	DATE 5-13-75	DATE 5-13-75
TIME 1630	TIME 0100	TIME 0330	TIME 0935

[illegible]

DEPARTMENT CEMENT

DESCRIPTION OF JOB
CEMENT 2 STAGE 4 1/2 PRODCASING

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

CUSTOMER
REPRESENTATIVE ☒ Harry L. King

HALLIBURTON
OPERATOR John W. King COPIES
REQUESTED 1

CEMENT DATA

PRESSURES IN PSI

SUMMARY

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

HYDRAULIC HORSEPOWER

ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM

CREATING _____ DISPL _____ OVERALL _____
CEMENT LEFT IN PIPE

FEET 41 REASON float

VOLUMES

PREFLUSH: BBL-GAL. 20 TYPE WATER
LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. _____
CEMENT SLURRY: BBL-GAL. _____
TOTAL VOLUME: BBL-GAL. _____

REMARKS

1 STAGE Displ. 40 WATER 52.5 Mud
2 STAGE Displ. 50 BBL WATER
1 STAGE cur slurry 171 BBL
2 STAGE " " 185 BBL

CUSTOMER

JOB SUMMARY

FORM 2012 R-1

DIVISION

HALLIBURTON
LOCATION

Termination

BILLED ON
TICKET NO.

720532

WELL DATA

FIELD	SEC.	TWP.	RNG.	COUNTY	Rio Arriba	STATE	N.M.
FORMATION NAME	Gallup		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							

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 5-19-75	DATE 5-19	DATE 5-19	DATE 5-19
TIME 0200	TIME 0700	TIME 0750	TIME 1700

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
Blender	1 Blender	
Miller	2 TND	
	1 Acid	
	1 Iron	
	4 B3	

DEPARTMENT	Cement
DESCRIPTION OF JOB	5-19-75

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

CUSTOMER REPRESENTATIVE ☒ Henry I. Blasco

HALLIBURTON OPERATOR ☒ COPIES REQUESTED 1

CEMENT DATA

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

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING	DISPLACEMENT	PREFLUSH: BBL-GAL.	TYPE
2200	1050	4200	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200
2575	2100	75,400	4200

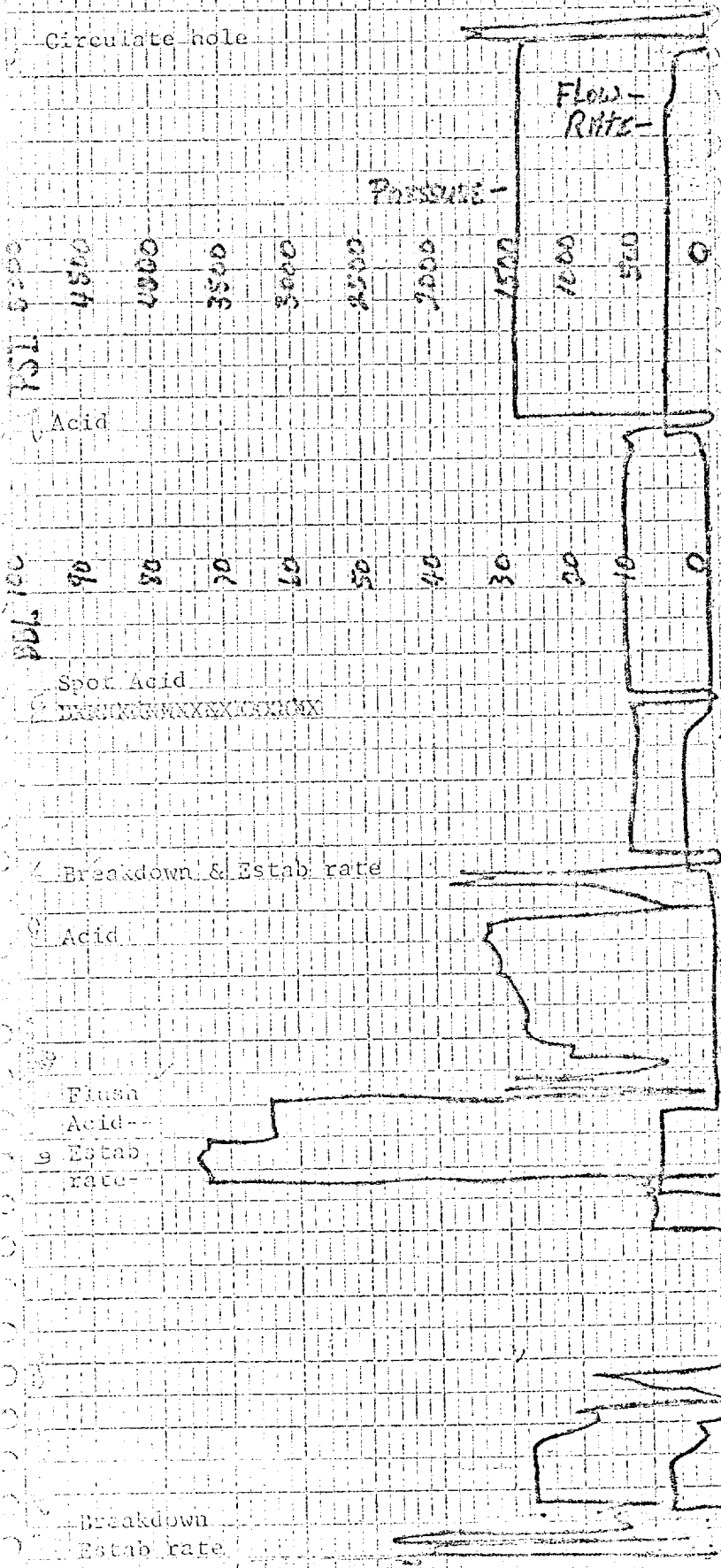
CEMENT LEFT IN PIPE

REASON

CUSTOMER

B.C.O.
 Escrito Gallup (Smith #3) Well #21
 Sandwater Frac
 5-19-75

Circulate hole



Flush acid down
 The back side

Pad

Start Sand @ 1 #

Treating

Sand @ 1 #

Flush sand

Pad IV

Start Sand
 @ 1 1/2 #

Treating

Treating

U.S. N. C. L. 100.1

