UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF

FRACTURE TREAT

REPAIR WELL

SHOOT OR ACIDIZE

PULL OR ALTER CASING

Form 9–331	Budget Bureau No. 42-R1424	
DEPARTMENT OF THE INTERIOR	5. LEASE NM 030106. 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	7. UNIT AGREEMENT NAME	
reservoir. Use Form 9–331–C for such proposals./	8. FARM OR LEASE NAME John S. Dashko	
1. oil gas well other 2. NAME OF OPERATOR	9. WELL NO. #1	
Robert L. Bayless	10. FIELD OR WILDCAT NAME Devils Fork Gallup 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
P.O. Box 1541, Farmington, NM 87499		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	Sec. 11, T24N, R7W 12. COUNTY OR PARISH Rio Arriba New Mexico 14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	THE THE TONG TOLLOW DE VED AND WED	

15. ELEVATIONS (SHOW DF, KDB, AND WD)

(NOTE: Report results of multiple completion or zone

change on Form 9-330.)

6899' G.L.

MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other)		FARMING TOTE RESPONDE THEA
		(Clearly state all pertinent details, and give pertinent dates, k. If well is directionally drilled, give subsurface locations and zones pertinent to this work.)*

SUBSEQUENT REPORT OF:

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X

See Attached Sheet

Set @ ____ Subsurface Safety Valve: Manu. and Type 18. I hereby certify that the foregoing is true and correct DATE TITLE SIGNE (This space for Federal or State office use) September 21, 1983 Operator DATE _ _ TITLE APPROVED BY CONDITIONS OF APPROVAL, IF ANY: ACCEPTED FOR RECORD

*See Instructions on Reverse Side

SEP 26 1983

FARMINGTON RESOURCE AREA

Robert L. Bayless John S. Dashko #1 Daily Report Page 2

9-20-83

Acidized down the tubing with 250 gallons of weighted 15% HCL acid containing 42 1.1 s.g. RCN ball sealers. 4.5 BPM @ 2450 psi. Some ball action seen. Balled off casing to 4000 psi. Moved tubing to 6081'. Evacuated hole of fluid with nitrogen. TTOH. Fracture stimulated Lower Gallup interval with 29,000 gallons of 75 quality foam containing 2% KCL, 1 gal/1000 surfactant, 1/2 gal/1000 clay stabilization agent and 42,000 lbs of 20-40 sand as follows:

9,000 gallons	of 75 quality foam pad	25 BPM @ 3150 psi
4,000 gallons	of 1 ppg 20-40 sand	25 BPM @ 3100psi
10,000 gallons	of 2 ppg 20-40 sand	25 BPM @ 3100 psi
6,000 gallons	of 3 ppg 20-40 sand	25 BPM @ 3100 psi
3,977 gallons	of 75 quality foam flush	25 BPM @ 3050 psi

ISIP - 2450 psi decreasing to 2400 psi after 15 minutes. Average rate 25 BPM. Average pressure 3100 psi. Maximum pressure 3200 psi. Minimum pressure 3050 psi. Average nitrogen injection rate 21,112 SCF/MIN. Total nitrogen pumped 633,783 SCF. Load fluid to recover 241 bbls. Shut in well for 2 hours, opened well through \(\frac{1}{4}\)" tap bullplug to the pit. Flowed well to frac tank overnight. SDFN.

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

form 9–331	Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	MM 03010
GEOLOGICAL SURVEY	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	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill of to deepen of plug back to a constant reservoir, Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1 -11	John S. Dashko
1. oil gas	9. WELL NO.
2. NAME OF OPERATOR	#1
Robert L. Bayless	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Devils Fork Gallup
P.O. Box 1541, Farmington, NM 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA
below.)	Sec. 11, T24N, R7W
AT SURFACE: 2510' FSL & 790' FEL	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: same	Rio Arriba New Mexico
AT TOTAL DEPTH: same	14. API NO.

1.	oil well	X	gas well		other
2.	NAM	_	OPERAT		yless
	•	P.O.		154	1, Farmington, NM 87499
	belov AT S AT T AT T	w.) SURFA(TOP PF TOTAL	CE: 25 ROD. IN DEPTH:	10' ITERV	same
16.			PROPRI OR OTH		BOX TO INDICATE NATURE OF NOTICE, DATA

15. ELEVATIONS (SHOW DF, KDB, AND WD) 6899 t. G.L.

SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES** ABANDON* (other)

RECEIVED SEP 2 3 1983 change on Form 9-330.)

BUREAU OF LAND MAN COLMENT FARMINGTON RESOURCE AREA

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.)*

Full report printed on back of sheet.



_ Set @ _____ Ft. Subsurface Safety Valve: Manu. and Type s true and correct 18. I hereby certify September 22, 1983 Operator DATE _ (This space for Federal or State office use) __ DATE _ TITLE _ APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

*See Instructions on Reverse Side

SEP 26 1983

9-21-83

Rigged up Geosource Wireline. Ran junk basket in hole to check sand fill. Hole clean of sand to 6200'. Set Mountain States retrievable bridge plug @ 5940'. Filled hole with 2% KCL water. Pressure tested casing to 4000 psi. Held OK for 5 minutes. Perforated Upper Gallup interval with 3-178" casing gun and 1 JSPF as follows:

5766-5774 5814-5828	8 ^r 14 ^r		
5834-5838	4°.	Total 38'	38 holes (.35" diameter)
584 <u>6</u> –5858		10tur 50	

Tripped in the hole with 2-3/8" X 3" swedge. Spotted 150 gallons of 7½% D.I. HCL acid over the perforation interval. Moved tubing to 5582'. Broke down perforations immediately. Established rate down tubing of 4.7 BPM @ 2850 psi, ISIP = 900 psi. Acidized the upper Gallup zone with 750 gallons of 15% HCL weighted acid containing 57 1.1 s.g. RCN ball sealers. Saw good ball action (600 psi pressure break). Balled off casing to 4000 psi. Bled off pressure for balls to fall. Established rate of 4.9 BPM @ 1900 psi, ISIP = 700 psi. Moved tubing to 5891 ft. Evacuated hole of fluid with nitrogen. Tripped tubing out of hole. Fracture stimulated upper Gallup interval with 52,666 gallons of 75 quality foam with 2% KCL water, 1 gal/1000 surfactant, ½ gal/1000 clay stabilization agent and 76,000 lbs of 20-40 sand as follows:

16,000 gallons of 75 quality foam pad	25 BPM @ 2900 psi
8,000 gallons of 1 ppg 20-40 sand	25 BPM @ 2900 psi
18,000 gallons of 2 ppg 20-40 sand	25 BPM @ 3000 psi
10,666 gallons of 3 ppg 20-40 sand	25 BPM @ 3100 psi
3,851 gallons of 75 quality foam flush	25 BPM @ 3150 psi

ISIP = 2650 psi, decreasing to 2550 psi after 15 minutes. Average rate 25 BPM. Average pressure 3000 psi. Maximum pressure 3150 psi. Minimum pressure 2900 psi. Average nitrogen rate 21,243 SCF/MIN. Total nitrogen pumped 1,179,075 SCF. Total load fluid to recover 421 bbls. Shut in well for 2 hours. Flowed well to the pit through 1 tap bullplug. Flowed well to frac tank overnight. SDFN.