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

Dec. 1973	Budget Bureau No. 42-R1424		
UNITED STATES	5. LEASE		
DEPARTMENT OF THE INTERIOR	Contract No. 55-A		
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
QLOUGHT TO	Jicarilla Apache		
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME		
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME		
1 cil goc	Indian Bend		
1. oil gas well x other	9. WELL NO.		
2. NAME OF OPERATOR	6		
JACK A. COLE	10. FIELD OR WILDCAT NAME		
3. ADDRESS OF OPERATOR	Ballard Pictured Cliffs		
P.O. Box 191 Farmington, N.M. 87401	11. SEC., T., R., M., OR BLK. AND SURVEY OR		
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sec. 25-T23N-R3W		
AT SURFACE: 1850'FNL, 1850'FEL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE N.M.		
AT TOTAL DEPTH:	14. API NO. 30-043-20558		

AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE REPORT, OR OTHER DATA

(NOTE: Report results of multiple completion or zone

change on Form 9-330.)

15. ELEVATIONS (SHOW DF, KDB, AND WD) 7335 'G.L. 7338 'DF 7339 'KB

FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES** ABANDON\* (other)

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

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.)\*

SEE ATTACHED FOR FRACTURE TREATMENT.

SUBSEQUENT REPORT OF:



Subsurface Safety Valve: Manu. and Typ	e		Set @	Ft.
18 I hereby certify that the foregoing is FOR: JACK A. GRIGINAL SIGNED EWELL EWELL	NALSH E Engr. & Pi (This space for Federal or State o	cod - DATE	9/17/81	
	(This space for Federal or State o	mice use)		
APPROVED BY	TITLE		PROTECTION OF THE PROTECTION O	

∃P 2 o 1981

\*See Instructions on Reverse Side

	e No ( Date 9/15/61  Indian Bend  Lease and Well No. 6			
Correlation Log	Type Gamma Ray From 2500 To 3005	5		
Temporary Bridge Plug	Type None Set At			
Perforations	3001'-3014', 13 feet 20 holes			
FOAM FRAC Pad - Foam	Per foot type 3 1/8" Bull Jet 6,000 gallons. Additives 2% Kcl.			
Poam	45,000 gallons. Additives 2% Kcl.			
Sand	84,000 lbs. Size 10-20			
Flush - Foam	2,100 gallons. Additives 2% Kcl.			
Breakdown	640 psig			
Ave. Treating Pressure				
Max. Treating Pressure	1460 psig			
Ave. Injecton Rate	20.0 BPM Nitrogen 461,300 SCF			
Hydraulic Horsepower				
Instantaneous SIP -	1300 psig SEP 23 1981			
5 Minute SIP	1290 psig SEP23 COM OIL CON. COM DIST. 3			
10 Minute SIP	1250 psig			
15 Minute SIP				
Ball Drops:		sig ncr		
	—····	sig ncr		
	Balls at gallons p	sig nci		
Remarks: Ball off with 30	rubber balls in 1000 gallons - 7 1/2% HCL  Walsh ENGINEERING A PRODUCTION			