Form Approved.

FARMINGTON RESOURCE AREA BY SMM.

form 9-331 5 BLM 1 File	Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	NM 16762 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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 Witty
1. oil gas other well other	9. WELL NO.
2. NAME OF OPERATOR Dugan Production Corp.	10. FIELD OR WILDCAT NAME Undesignated Gallup
3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87499	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)	Sec. 12 T23N R10W, NMPM
AT SURFACE: 660' FNL - 1980' FWL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE NM
AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW_DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	6805' GI: 6817' RKB
TEST WATER SHUT-OFF LIFE FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completion or zon change on Form 9–330.)
PULL OR ALTER CASING	
CHANGE ZONES	cina
(other) XX TD & 4½" ca 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state of the stat	details and give pertinent date:
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine	directionally drilled, give subsurface locations an nt to this work.)*
a to the Tibe and details	of 4½" casing and cement.
See attached for T.D. and details	or Ta Custing and Comeno.
AUG22 130	TANK TO THE PROPERTY OF THE PR
OIL CON. I	MADE TO SERVICE ASSET
Subsurface Safety Valve: Manu, and Type	Set @
18. I hereby certify that the foregoing is true and correct	
SIGNED Jim L. Jacobs TITLE Geologist	DATE
(This space for Federal or State o	
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	AUG 21 1984

Reached TD of 4925' on 8-15-84.

San Juan Casing Service ran 123 jts. 4½" 0.D., 10.5#, J-55, 8 rd, ST&C casing. (T.E. = 4929') Set at 4925'. Multiple stage cementing collar set at 3787' and float collar set at 4882'.

Dowell cemented 1st stage as follows: Pumped 10 bbls. mud flush, followed by 225 sx 50/50 B-poz w/ 2% gel and ¼# celloflakes per sk. Reciprocated casing string while pumping cement. Had good circulation and full returns throughout job. Maximum cementing pressure 600 psi. Average pump rate 7 BPM. Cleaned lines and displaced with 17 bbls. fresh water and 60 bbls. mud. Bumped plug with 1400 psi. Released pressure - plug held OK. Total slurry 1st stage 286 cf. P.O.B. 10:10 a.m. 8-15-84. Dropped opening bomb; D.V. tool opened. Circulated mud with rig pump 2½ hrs.

Dowell cemented 2nd stage as follows: Pumped 10 bbls. mud flush, followed by 500 sx 65/35 B-Poz w/ 12% gel & ¼# celloflakes per sk, followed by 75 sx 50/50 B-Poz w/ 2% gel & ¼# celloflakes per sk. Maximum cementing pressure 900 psi. Average pump rate 8 BPM. Displaced w/ 60 bbls. fresh water and bumped plug to 2500 psi. D.V. tool closed. P.O.B. 1:40 p.m. 8-15-84. Had good circulation and full returns throughout 2nd stage. Circulated full returns of mud flush and approx. 1 bbl. of cement to surface. Total slurry 2nd stage 1200 cf. Total cement slurry both stages 1486 cf. Pulled B.O.P. Set slips with 50,000# string weight, cut off casing, capped well. Released rig 7:00 p.m. 8-15-84.