

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. Contract 37A
2. NAME OF OPERATOR Dugan Production Corp.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR P.O. Box 234, Farmington, NM 87401	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1470' FSL - 860' FWL	8. FARM OR LEASE NAME A New Dawn
14. PERMIT NO.	9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6549' GR	10. FIELD AND POOL, OR WILDCAT Basin Dakota
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T24N, R5W
	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:		SUBSEQUENT REPORT	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

(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.) *

10-3-77

Move in and rig up Four Corners Drilg. Spudded 12-1/4" hole @ 4:00 p.m. Drilling to 235'. Ran 7 jts 8-5/8" OD 24# ST&C csg. TE 218' set @ 230' RKB. Cemented w/150 sx neat cement. P.O.B. 11:45 p.m. 10-2-77.

10-15-77

GO Int. completed running IES and density log. Laid down drill pipe. Ran 211 jnts of 4-1/2" OD 10.5# K55 8 rnd ST&C csg. Set at 6825'. Halliburton cemented first stage w/200 sx Halliburton lite plus 10# gilsonite per/sx followed by 150/sx Class "B" with 10# gilsonite per/sx. Total slury 548 cu. ft. Good mud returns while cementing. Work csg. OK while cementing. Max cementing press 800 psi. POB 12:05 a.m. 10-15-77
Open stage tool at 4702'. Circulated hole 3 hrs. Cemented 2nd stage thru Baker stage. Tool at 4702' using 500/sx Halliburton lite plus 6% gel followed by 50/sx neat. Total slury 1370 cu ft. Good mud returns while cementing. Max cementing press 800 psi.
POB 4:00 a.m. 10-15-77. Set slips and released rig.

(Cont'd on Back)

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

SIGNED

Thomas A. Dugan

TITLE Petroleum Engineer

DATE

11-10-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 11 1977

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, pursuant to applicable State law 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 the local Federal and/or State office.

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 17: Proposals to abandon a well and sub fluid contents not sealed off by cement or otherwise above plugs; amount, size, method of parting of an conditioned for final inspection looking to approval

11-3-77

Installed B.O.P. Western Co. press. tested csg. and BOP to 4000 psi. Held OK. Circulated hole with 1000 gal. gelled water, 129 Bbls water, gel broke, did not do much good. Spotted 350 gal. 7-1/2% acid. Pulled tbg. Welex ran gamma ray correlation log with junk basket. Had trouble logging. Perf one jet/ft 6742-48', 6755-59' and 6769-88', total 29 holes.

11-4-77

PBTD 6795'. Western Co. broke down Dakota fm. at 2350 psi established injection rate 40 B/M at 3500 psi, ISDP 1400 psi, pumped 150 bbls water, ran 35 balls in 500 gal. 15% HCl, good ball action, one good break, did not ball off, with balls on pumping at 20 B/M 3800 psi, ISDP 1500 psi, flowed well back, Welex ran junk basket, recovered 34 balls, 18 with perf marks, Western Co. frac Dakota fm. using 3446 HP, 60,000 lbs. 20-40 sand, 2100 bbls. water, 2-1/2# FR-2/1000 gal, IF 3900 psi, Max 4000 psi, Min 3600 psi, Ave. 3800 psi, Final 3900 psi, ISDP 2250 psi, 15 min Shut In. Ave I.R. 37 B/M, Max I.R. 42 B/M, Welex perf Gallup fm. one jet per ft. 5623-30, 5654-64, 5676-88, no press increase after perforating. Established injection rate, press. and rate same as Dakota frac, mixed 1500 lbs sand in blender tub, spotted sand and 35 rubber balls followed by 500 gal 15% HCl to 5500'.

11-4-77

Shut down 35 min. to let sand fall out, start Gallup frac, used 25,000 lbs 20-40 sand, 840 bbls. water with 2-1/2# FR-2/1000 gal. I.F. 3700 psi, got good press. break, Min. press 2900 psi, Ave 3200 psi, Max 3700 psi, Final 3200 psi, ISDP 1300 psi. 15 Min. Shut in 800 psi, Ave. I.R. 45 B/M, Max I.R. 46 B/M. Shut well in 45 min. flowed well to pit overnight.

11-5-77

PBTD 6795'. Well kicked off overnight making estimated 1500 MCF with heavy flow of frac water and oil. Ran 209 jts 1-1/2" OD, 2.9# JCW 10 R EUE tbg set at 6762' RKB. Tagged sand at 6785'. Well flowing by heads, pumped out tbg plug, released rig, shut well in.

(Cont'd on Back)

I hereby certify that the foregoing is true and correct.

TITLE Petroleum Engineer

SIGNED Thomas A. Boden

(Title Space for Federal or State Office Use)

TITLE

APPROVED BY CONDITIONS OF APPROVAL IF ANY: