

5- BLM
1- File
4-Tribal
Trust

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
DUGAN PRODUCTION CORP. 6515

3. ADDRESS OF OPERATOR
P.O. Box 420, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1850' FNL & 1800' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
approx. 3 miles Southeast of EPNG Chaco Plant

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)
1800'
approx. 1181'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THE LEASE, FT.
from DPC's George Washington #4

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6250' GL This action is subject to technical and procedural review pursuant to proposed casing and cementing program and appeal pursuant to 43 CFR 3165.3

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
9-7/8"	7"	20#	90'
6-1/4"	4-1/2"	10.5#	1310

5. LEASE DESIGNATION AND SERIAL NO.
NM-61

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
George Washington 3862

9. WELL NO.
90

10. FIELD AND POOL, OR WELDCAT
WAW FR Sn Pictured Cliffs 87190

11. SEC. T., R., M. OR B.L.
AND SURVEY OR AREA
Sec. 35, T26N, R12W, NMPM

12. COUNTY OR PARISH
San Juan NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START
ASAP

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

40 sx (48 cu.ft.) circ. to surf.
115 sx (197 cu.ft.) circ. to surf.

Plan to drill a 9-7/8" hole and set 90' of 7" OD, 20#, J-55 surface casing; then plan to drill a 6 1/4" hole to total depth with gel-water-mud program to test Pictured Cliffs formation. Plan to run IES and CDL logs. If determined productive, will run 4 1/2", 10.5#, J-55 casing, selectively perforate frac, clean out after frac and complete well.

RECEIVED

JAN 14 1991

OIL CON. DIV
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Shorman E. Dugan TITLE Vice-President

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE

CONDITIONS OF APPROVAL, IF ANY:

ok

*See Instructions On Reverse Side

APPROVED
AWARDED
DEC 31 1990
AREA MANAGER