

6 BLM 1 Celsius-Denver, 1 Celsius-SLC 1 BIA
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form approved. 1 File
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

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. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER | |
| 2. NAME OF OPERATOR DUGAN PRODUCTION CORP. | |
| 3. ADDRESS OF OPERATOR P O Box 208, Farmington, NM 87499 | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 330' FNL - 2310' FWL | |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6582' GL; 6594' RKB |

RECEIVED

JAN 24 1986

| | |
|---|-----------------|
| 5. LEASE DESIGNATION AND SERIAL NO. N00-C-1420-7313 | |
| 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Allotted | |
| 7. UNIT AGREEMENT NAME | |
| 8. FARM OR LEASE NAME St. Louis | |
| 9. WELL NO. 12 | |
| 10. FIELD AND POOL, OR WILDCAT South Bisti-Gallup | |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T23N, R10W, NMPM | |
| 12. COUNTY OR PARISH San Juan | 13. STATE NM |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spud & Surface Casing

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

X

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.) *

Moved in and rigged up Four Corners Drilling Company Rig #3.
Spudded a 12 1/4" hole @ 9:15 AM 1-22-86. Drilled to 212'.
Ran 5 jts. of 8-5/8" OD, 24#, 8 Rd, ST&C casing (T.E. 193.92')
set @ 206' RKB. Cemented with 135 sx class "B" plus 2% CaCl₂
(total cement slurry 159 cf). P.O.B. @ 12:00 Noon 1-22-86.
Circulated approximately 2 bbls cement to surface. Waited
on cement 12 hrs before drilling. Pressure tested BOP and
surface casing 600 psi for 30 minutes - held OK.

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

SIGNED

Jim E. Jacobs

TITLE

Geologist

DATE

11-23-86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOCC

OPERATOR

OPERATIONS PLAN

OPERATOR: JEROME P. MCHUGH
WELL NAME: NEW HORIZON #1
FIELD: GAVILAN MANCOS/DAKOTA
LOCATION: SEC. 2, T24N, R2W
LEGAL FOOTAGES: 990' FSL - 1850' FEL
ELEVATION: 7253 GL

Revised 7/24/85

EXPECTED FORMATION TOPS:

| | | | | | |
|-----------------|-------|---------------|-------|-------------|-------|
| Ojo Alamo | 3105' | Point Lookout | 5645' | Dakota | 7790' |
| Kirtland | 3305' | Mancos | 5850' | Total Depth | 8190' |
| Fruitland | 3335' | Niobrara | 6375' | | |
| Pictured Cliffs | 3470' | Niobrara "A" | 6815' | | |
| Lewis | 3505' | Carlisle | 7370' | | |
| Cliff House | 5135' | Greenhorn | 7665' | | |
| Menefee | 5300' | Graneros | 7740' | | |

LOGGING PROGRAM: IES, CDL, and CNL logs

SAMPLES: Catch samples every 10' from 6300' to total depth.

CASING PROGRAM:

| Hole Size | Depth | Casing Size | Wt./Ft. | Grade & Condition |
|--------------------|-------|-------------------|----------|-------------------|
| 12 $\frac{1}{4}$ " | 200' | 9-5/8" | 36# | J-55, "A" |
| 8 $\frac{1}{2}$ " | 8190' | 5 $\frac{1}{2}$ " | 17./15.5 | K-55, "A" |

Cementing Program

135 sx class "B" neat + 2% CaCl circulated to surface (159 cu. ft.)
1st stage: 400 sx 50-50 poz w/2% gel + 6 $\frac{1}{4}$ # gilsonite/sk + $\frac{1}{4}$ # flocele/sk (450 cu. ft.)
2nd stage: 210 sx 65-35 poz w/12% gel + 6 $\frac{1}{4}$ # gilsonite/sk (1200 cu. ft.) + $\frac{1}{4}$ # flocele/sk followed by 310 sx 50-50 poz w/2% gel + $\frac{1}{4}$ # flocele/sk
3rd stage: 450 sx 65-35 poz w/12% gel + $\frac{1}{4}$ # flocele/sk followed by 100 sx 50-50 poz w/12% gel
Total slurry: 2750 cu. ft.

RECEIVED
JUL 31 1985
OIL CON. DIV.
DIST. 3

WELLHEAD EQUIPMENT: 9-5/8" x 10" 600 series bradenhead w/ 5 $\frac{1}{2}$ " slips;
10"x6" 600 series; 3000 psi working pressure.

FARMINGTON DISTRICT OFFICE 326-7793

JAMES HAZEN, Field Supt. 334-8225 (Home)

DENVER OFFICE, Garry Johnson 303 321-2111

JEROME P. MCHUGH
New Horizon #1 Well
Exhibit B