

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. NM-57164
2. NAME OF OPERATOR Yates Drilling Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 105 South 4th Street, Artesia, NM 88210	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 530' FNL & 1930' FEL	8. FARM OR LEASE NAME Bejunje Federal
14. PERMIT NO.	9. WELL NO. 2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6824' ungraded ground	10. FIELD AND POOL, OR WILDCAT Undesignated Gallup
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24-23N-9W
	12. COUNTY OR PARISH San Juan
	13. STATE NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

SUBSEQUENT REPORT OF:

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

REPAIRING WELL

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ALTERING CASING

REPAIR WELL

CHANGE PLANS

(Other) Spud Well

ABANDONMENT\*

(Other)

(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.)\*

1-25-91 Spudded 12 1/4" hole at 5:30 PM, w/ Walters Drilling Co. rig. Ran 6 jts. new 8 5/8", 24# ST&C 8rd casing, set at 264'. Regular guide shoe, set at 263-277'. No float collar. Cemented w/ 180 sxs. Class "B" w/ 3% CaCl<sub>2</sub> + 1/4#/sx. Celloseal (yield 1.18, weight 15.6). PD at 12:00 midnight, 1-25-91. Circ. 70 sxs. Lite cement to surface. Nippled up and tested to 1100 psi. WOC 12 1/2 hrs. Could not maintain constant cement slurry. Weight varied from 12.8-15.8 ppg. (Western had to SD and repair cement mixer) Pump top would not plug down to guide shoe to try to circ. out cement. Landed plug in guide shoe w/ 500#. Ran 1" to 50'. Mixed 50 sxs. Class "B" cement w/ 2% CaCl<sub>2</sub>. Circ. good w/ 15.6# cement to surface. Reduced hole to 7 7/8" & drilled out at 2:30 PM, 1-26-91.

RECEIVED

MAR 04 1991

OIL CON. DIV  
DIST. 3

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

SIGNED Karen J. Leishman

TITLE Production Clerk

DATE 2-4-91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

FEB 19 1991

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

NMOOD

BY MM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
BLM

91 FEB 11 AM 10:29

YATES DRILLING COMPANY  
CHRONOLOGICAL DRILLING REPORT  
010 FARMINGTON, NEW MEXICO  
Bejunje Federal #2  
Unit B  
24-23N-9W  
San Juan County, New Mexico

1-25-91 Location: 530' FNL & 1930' FEL of Section: 24-23N-9W, San Juan County, New Mexico. Lease No.: NM-57164. Elevation: 6824'. Drilling Contractor: Walters. PTD: 5035'. Moving in rotary tools.

1-26-91 TD 271' surface. WOC. Made 271' in 3 hours, 90.33'/hr. MW 9.0, Vis 80. Survey 240' 1/2 deg. WOB all, RPM 120, SPM 100, PP 600#. Spudded 12-1/4" surface hole at 5:30 PM 1-25-91. DC \$13,779; CC \$13,779

1-27-91 Drilling 1468' Lewis. Made 1197' in 13-3/4 hours, 87'/hr. MW 8.9, Vis 50, pH 9, WL 6. Surveys 779' 1/2 deg and 1281' 1/2 deg. WOB 40000#, RPM 100, SPM 90, PP 1025#. DC \$21,125; CC \$34,904 DETAILED CASING REPORT: Reached TD at 8:30 PM 1-25-91. Ran 6 joints 8-5/8" 24# ST&C 8rd (251') casing, set at 264'. Regular guide shoe set at 265'. No float collar. Cemented with 180 sacks Class "B" with 3% CaCl2 + 1/4#/sx Celloseal (yield 1.18, weight 15.6). PD at 12:00 Midnight 1-25-91. Circulated 70 sacks Lite cement to surface (13.3 ppg). Nippled up and tested to 1100 psi for 15 minutes. WOC. Drilled out at 2:30 PM 1-26-91. WOC 12 hours 30 minutes. Could not maintain constant cement slurry weight throughout cement job. Weight varied from 12.8-15.8 ppg. Western had to shut down during cement job to fix cement mixer. Pump top would not plug down to guide shoe to try to circulate out cement. Landed plug in guide shoe with 500#. Ran 1" to 50'. Mixed 50 sacks Class "B" with 2% CaCl2. Circulation good with 15.6# cement to surface.

1-28-91 Drilling 2522' Menefee. Made 1054' in 19-1/2 hours, 54.5'/hr. MW 9.2, Vis 58, pH 9.0, WL 6. Survey 1781' 1/2 deg and 2274' 1/4 deg. WOB 40000#, RPM 70, SPM 90, PP 1100#. Had 20' of fill on bottom during trip. Circulate and condition mud. TIH with bit #3 at 2046'. DC \$14,768; CC \$49,672

1-29-91 Drilling 3674' Point Lookout. Made 1152' in 22 hours, 52.36'/hr. MW 9.1+, Vis 48, pH 9, WL 7. Surveys 2771' 3/4 deg and 3268' 3/4 deg. WOB 40000#, RPM 70, SPM 90, PP 1100#. DC \$16,447; CC \$66,119

1-30-91 Drilling 4490' Upper Gallup. Made 816' in 23 hours, 35.48'/hr. MW 9.2, Vis 40, pH 9, WL 6.5, BGG 100 units. Surveys 3767' 3/4 deg and 4264' 1/2 deg. WOB 40000#, RPM 70, SPM 90, PP 1200#. Sample top of Upper Gallup approx 4450'. DC \$13,378; CC \$79,497

1-31-91 TD 5035' Lower Mancos. Condition hole to run logs. Made 545' in 23 hours, 23.69'/hr. MW 9.1+, Vis 87, pH 9, WL 6.5, BGG 30, Max 550. Survey 4795' 3/4 deg. WOB 40000#, RPM 70, SPM 98, PP 1200#. TD hole at 5035' at 5:45 AM 1-31-91. DC \$10,165; CC \$89,662

2-1-91 TD 5030' L. Mancos. Laying down drill collars. MW 9.1+, Vis 48. SLM 5024', WLM 5030'. First log stopped 2256'. Knocked out bridge with bit. Second log stopped briefly 2680'. WLC broke through with log tools and continued. DC \$10,810; CC \$100,472

2-2-91 TD 5032' Lower Mancos. Rig released. TD 7-7/8" hole 5:45 AM 1-31-91. Ran 121 joints 5-1/2" 15.50# J-55 LT&C 8rd as follows:

12 joints 5-1/2" SD blasted	495.80'
109 joints 5-1/2"	4558.83'
TOTAL	5054.63'

Casing set 5030'. Float shoe set 5032'. Float collar set 4989'. DV Tool set 3734'. Cemented in two stages as follows: Stage I - 290 sacks 50/50 Poz + 2% Gel + 4#/sx Hiseal (yield 1.34, weight 12.2). Tailed in with 50 sacks Class "B" (yield 1.18, weight 15.6). PD 12:23 PM 2-1-91.

DRILLING REPORT

Page 2

YDC - Bejunje Federal #2 (Unit B) 24-23N-9W San Juan Co., NM

\*\*\*\*\*

Circulated 140 sacks lead slurry. Circulated through DV tool 4 hours. Stage II - 500 sacks 65/35 Poz + 6% Gel + 6-1/4# /sx Gilsonite (yield 1.88, weight 12.3). Tailed in with 50 sacks "B" (yield 1.18, weight 15.6). PD 5:15 PM 2-1-91. Circulated 224 sacks lead slurry. Set casing slips with 65000#. Released rig 8:00 PM 2-1-91. DC \$44,551; CC \$145,023

2-3-4-91 Waiting on completion unit.

2-5-91 Waiting on completion unit.

2-6-91 Waiting on completion unit.

2-6-91 Moved in and rigged up Polanco Brothers Rig #1. Unload and strap 150 joints new 2-3/8" 4.7# J-55 8rd tubing. Make up 3-3/4" rock bit and 5-1/2" casing scraper. RIH with 150 joints tubing. Tagged stage collar at 3738'. Picked up power swivel and drilled out in 1-1/2 hours. Circ hole clean at 3740'. Continued in hole with 39 additional joints. Tag PBTD 4989'. Circ hole clean. POH with 60 joints. Shut down overnight. DC \$6650; CC \$6650

2-8-91 Continued out of hole with bit and scraper. Rigged up Petro Wireline. Ran cased hole logs. TIH with logging tool, could not get surface computer to work. Called for new truck. Pulled BOP stack and swab out tubinghead. Installed 3000# workhead. Nipped up BOP stack. TIH with new logging tool. WLM PBTD 4968'. Log from 4966-3500'. Cement bond across zones of interest excellent. Logged 6400'. TOC at approx 4072'. Logs ran under pressure - held 750#. Use rig PP 5# casing to 2500# for 30 minutes, held OK. TIH with bit and scraper to TD. Circ hole clean and displaced with 120 bbls 2% KCL. POH with bit and scraper. Wireline pick up a 22' x 4" perf gun and TIH to perforate Gallup. Tag PBTD at 4983'. On depth perf Lower Gallup with 25 - .50" holes (1 SPF) as follows: 4889', 87', 79', 77', 70', 63', 61', 59', 38', 36', 34', 32', 22', 15', 09', 06', 03', 4786', 79', 74', 72', 70', 63', 58' and 54'. All shots OK. Perf correlated as per Halliburton open hole density log. Shut down for night. Prep to break down perfs with packer and plug. DC \$6700; CC \$13,300