

BURLINGTON RESOURCES

MID-CONTINENT DIVISION

July 29, 1997

Mr. Chris Williams
District Supervisor
Oil Conservation Division
P.O. Box 1980
Hobbs, New Mexico 88240

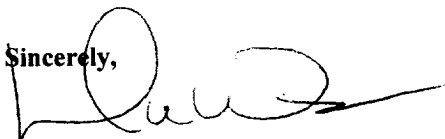
RE: Direction Drill Well
Justise '25' Federal Well No. 2
Lea County, New Mexico

Mr. Williams:

Burlington Resources Oil & Gas Company has made application and received approval from the Bureau of Land Management to drill the above referenced well. As indicated on the enclosed paperwork, this well will have to be directionally drilled due to the location. The original intent was to drill an orthodox gas well however due to several surface restrictions, this well became unorthodox for the surface location. We are however, going to directionally drill this well to an orthodox location within the indicated producing area.

Should you have any questions, or need additional information, please do not hesitate to contact me at 915-688-6943.

Sincerely,



Donna Williams
Regulatory Compliance

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

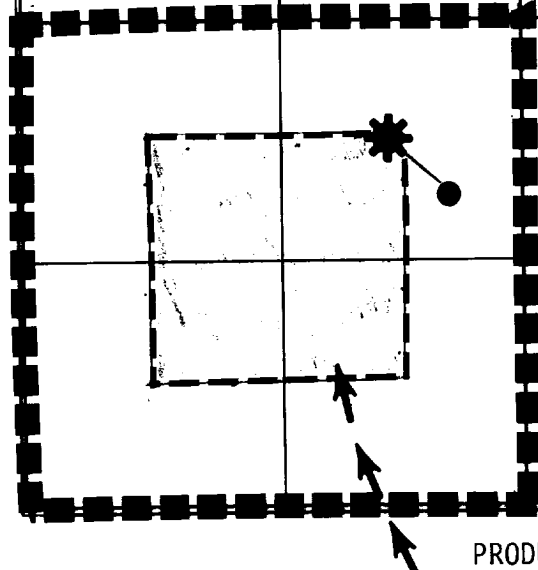
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34072	² Pool Code 96543	³ Pool Name Mickustis Abo (Gas)
⁴ Property Code 21125	⁵ Property Name Justice '25' Federal	⁶ Well Number 2
⁷ OGRID No. 26485	⁸ Operator Name Burlington Resources Oil & Gas Company	⁹ Elevation 3056'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	25	25S	37E		1661'	South	2219'	West	Lea

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
	25	25S	37E		1930'	South	1930'	West	Lea
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>KOP @ 4340'. Enter producing interval (Abo) within orthodox producing area</p> <p>160 acre proration unit required under rules Communitization agreement will be filed upon completion for Federal leases LC060946 and NM0766.</p> 	<p>Due to surface restrictions surface location is un- orthodox however, well is to be drilled directionally into orthodox producing area.</p>	<p>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature Donna Williams</p> <p>Printed Name Regulatory Compliance</p> <p>Title 7/29/97</p> <p>Date</p>
		<p>¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyer:</p> <p>Certificate Number</p>

OPERATOR'S COPY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Burlington Resources Oil & Gas Company		8. FARM OR LEASE NAME, WELL NO. Justis '25 Federal # 2	
3. ADDRESS AND TELEPHONE NO. P.O. Box 51810 Midland, TX 79710-1810 915-688-6943		9. API WELL NO.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At surface 1661' FSL & 2219' FWL At proposed prod. zone 1930' FSL & 1930' FWL		10. FIELD AND POOL, OR WILDCAT Justis Abo	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 7 miles southeast of Jal, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 25, T25S, R37E	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 421'	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 160	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A	19. PROPOSED DEPTH 7000'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3056'		22. APPROX. DATE WORK WILL START* Upon Approval	

CAPITAN CONTROLLED WATER BASIN

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" K-55	28#	800'	425 SXS CIRCULATE
6 1/8"	4 1/2" K-55	11.6#	7000'	2060 SXS CIRCULATE

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Not in Designated Potash Area
Not in Hydrogen Sulfide Area

NOTICE OF STAKING SUBMITTED ON 5/5/97.
ARCHEOLOGICAL REPORT SUBMITTED VIA FAX ON 6/2/97.

Directional wellbore due to surface restrictions

Contact Person: Donna Williams, 915-688-6943

acc
6/19/97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 [Signature] TITLE Regulatory Compliance DATE 6/3/97

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Asst. Min. Dir. DATE 7/21/97
*See Instructions On Reverse Side

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.



3. The operator's minimum specifications for Blowout Preventer (BOP) and related equipment to be used and schematic diagrams thereof showing sizes, pressure ratings, and the testing procedures and testing frequency. BOP and BOP - related equipment (BOPE) schematics shall include schematics of choke manifold equipment. Accumulator systems and remote controls shall be utilized.

11" 3M BOP stack to be installed on the 8 5/8" csg. The BOP stack will consist of one blind ram BOP, one pipe ram BOP and a rotating head. Tested to 1500 psi before drilling the 8 5/8" casing shoe.

4. The proposed casing program including size, grade, weights, type of thread and coupling, and the setting depth of each string and its condition (new or acceptably reconditioned). For exploratory wells, or for wells as otherwise specified by the authorized officer, the operator shall include the minimum design factors for tensions, burst, and collapse that are incorporated into the casing design. In cases where tapered casing strings are utilized, the operator shall also include and/or setting depths of each portion.

CASING:

12 1/4" hole, 8 5/8" K-55 28# csg, set @ 800'

6 1/8" hole, 4 1/2" K-55 11.6# csg, set @ 7000'

This well is planned directional due to surface restrictions. Downhole motors and MWD will be utilized to build angle at 3 /100' up a maximum of 15 . KOP @ 4340', horizontal displacement is 397' at the top of the Abo and 565' @ TD, azimuth 312.9 . Total depth is 6811', and 6771' MD, 6700' TVD.

5. The amount and type(s) of cement, including anticipated additives to be used in setting each casing string, shall be described. If stage cementing techniques are to be employed, the setting depth of the stage collars and amount and type of cement, including additives, and preflush amounts to be used in each stage, shall be given. The expected linear fill-up of each cemented string, or each stage when utilizing stage-cementing techniques, shall also be given.

- a. 8 5/8" csg: Cmt w/225 sxs Class 'C' + 4% gel + 2% CaCl₂ + 1/4 pps flocele, tail w/200 sxs Class 'C' + 2% CaCl₂ + 1/4 pps flocele. Circ. to surface.
- b. 4 1/2" csg: Two Stages-Cmt w/250 sxs Class 'H' + .5% CF-2 + 5% Salt. 2nd Stage: Lead w/1660 sxs 'C' Lite + 6% salt, tail w/150 sxs 'C' neat. Circ. to surface.

6. The anticipated characteristics, additives, use, and testing of drilling mud to be employed, along with the types and quantities of mud products to be maintained, shall be given. When air or gas drilling is proposed, the operator shall submit the following specific information:

