UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RCVD MAR 18'10 OIL CONS. DIV.

nist_3

| a. | Type of Work | طا ک سیا لا | | 5. Lease Number | |
|------------|----------------------------|-----------------------------|---------------------------------|---------------------------------------|----------------------|
| | DRILL | | | USA SF-0780 | 92 |
| | | DEC 0 | 4 2007 | Unit Reporting N | lumber |
| lb. | Type of Well GAS | Bureau of Lar Farmingtor | nd Management n Field Office | 6. If Indian, All. or | Tribe |
| 2. | Operator BURLINGTON | | | 7. Unit Agreement | Name |
| | RESOURCES OI | l & Gas Company, L | P | | |
| 3. | Address & Phone No. of | | | 8. Farm or Lease N | |
| | PO Box 4289, Fa | rmington, NM 874 | .99 | Douthit C I | rederal |
| | (505) 326-9700 | | | 9. Well Number #2F | |
| | Location of Well | <u>:</u> | | 10. Field, Pool, Wil | dcat |
| | Unit K (NESW), 18 | 80' FSL & 2280' | FWL | Basin Dako | ota |
| | Latitude 36.54414 | ′ N | K | 11. Sec., Twn, Rge, Sec. 27, T27N, | Mer. (NMPM) R11W |
| | Longitude 107.992 | 45′ W | ^\ | | 145- 34520 |
| 4. | Distance in Miles from N | learest Town | | 12. County | 13. State |
| | 13 miles/Bloomfie | 1 d | | San Juan | NM |
| 5. | Distance from Proposed | Location to Nearest F | Property or Lease Lir | ne | |
| 6. | Acres in Lease 2560.000 | | | 17. Acres Assigned DK 320 (S/2 | |
| 8. | Distance from Proposed | | Vell, Drlg, Compl, or | Applied for on this L | ease |
| 9. | Proposed Depth 6653' | | | 20. Rotary or Cable Rotary | Tools |
| 1. | Elevations (DF, FT, GR, | Etc.) | BLM'S | APPROVAL OR AC | YOFK WILLSEUF THIS |
| | 6393' GL | | ACTIO | N DOES NOT RELIE | VE THE LESSEE AN |
| 3. | Proposed Casing and Co | ementing Program | | TOR FROM OBTAIN | |
| - . | See Operations | | 4 | _ | RED FOR OPERATION |
| | | selva Somo | ON FEI | DERAL AND INDIA! | N LANDS |
| 4. | Authorized by: Sasha St | pangler (Regulato | ry Technician) | Da | ite |
| ERM | IT NO. | | APPROVAL DAT | re | |
| PPR | OVED BY DIMON | uleeca TITL | E AtM | DA1 | re <u>3//8/2</u> 6/0 |
| | eological Report attached | olog Domort attack | NOTIEVA | ZTEC OCD | 041150 |
| | tened and Endangered Spe | ·- | wingly and Colliny to Co | ペーピン ひじひ | 24 HRS |

MAR 1 9 2010

Bond Numbers NMB-000015 and NMB-000089

MMOCD &



Example Master Plan Type \$4

DISTRICT II 1301 W. Crand Ave., Artesia, N.M. 88210

1000 Rlo Brazos Rd., Aztoc, N.M. 87410

DISTRICT IV 1220 South St. Francis Dr., Santa Fe, NM 87505

DISTRICT III

Form C-102

OIL CONSERVATION DIVISION Submit to Appropriate District Office

Revised October 12, 2005 State Lease - 4 Copies

Fee Lease - 3 Copies

1220 South St. Francis Dr. Santa Fe, NM 87505

DEC 04 2007

☐ AMENDED REPORT

Bureau of Land Management WELL LOCATION AND ACREAGE DEDICATION PLAT

| 'API Number | | ¹ Pool Code ¹ Pool Name | | | |
|------------------------|-----|---|------------------------|--|--|
| 30-045-345 | 590 | 71599 | Basin Dakota | | |
| *Property Code 6960 | | 1Pr | * Well Number | | |
| | | DOUTH | 2F | | |
| 'OGRIO No. | | 90" | [®] Elevation | | |
| 14538 | | BURLINGTON RESOURCE | 6393 | | |
| | š | | [| | |

¹⁰ Surface Location North/South line UL ar lat no. Section Range Lot Idn Feet from the East/West line Township Feet from the County 11-W 1880 SOUTH SAN JUAN 27-N 2280 ĸ 27 WEST 11 Bottom Hole Location If Different From Surface North/South line Lot Idn Feet from the UL or lot no. Section Feet from the East/West line Township Range County K 12 Dedicated Acres ¹³ Joint or Infili ¹⁴ Consolidation Code 18 Order No. 320 S/2

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED

| 16 | ON A NON-STA | NUARU UNII HAS BEEN APPROVED E | DI INE DIVISION |
|-------------------------------|---------------|--|--|
| FD. 2 1/2" BC. 1913 G.L.O. | | | OPERATOR CERTIFICATION I hereby certify that the information contained herein in true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unfocused nitiment interest in the land including the proposed bottom hade location or has a right to drill this wall at this location pursuant to a contract sitte an owner of such a mineral or working interest, or to a voluntary possing agreement or a computery possing arder herestore entered by the division. |
| 5274.27' (C) | 2 | 7 | Signature: Date Tracey N. Monroe Printed Name 18 SURVEYOR CERTIFICATION |
| 2280' | USA SF-078092 | LAT: 36.54414" N. (NAD 83) LONG: 107.99245" W. (NAD 83) LAT: 36'32.6479' N. (NAD 27) LONG: 107'59.5095' W. (NAD 27) | 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. DECEMBER 21 2086 P. Date of Survey Significant and Seal of Administrat Surveyor: |
| | E FROM 00 TO | FD. 2 1/2" 8C. 1913 G.LO. FD. 2 1/2" 8C. 1913 G.LO. S 89'54'26" W 2637.98' (M) | Cartificate Number |



| | | | N FOR NEW \ | | | | |
|--------------------|-----------------------------|--------------|----------------|------------------|-------------|--------------|--|
| PURPOSED | E Douthit C C.P. SYSYTEM | 1: Dr. 11 GB | and see ? well | | | | |
| N A | | | ^ | | | | |
| | | A Transfer | R H | EF | <u>></u> | | |
| EXISITING WELLHEAD | METER HOUSE | G.B. | POWER SOURCE | CABLE | NEW WELL | OVERHEAD A C | |
| COMMENTS: | ord sin: | Ide Al | C was on N | side of 1 | | 1087 : | |
| | OWER SOURCE | | | | DISTANC | E: 1400 | |
| TECHNICIAN: | : 4.1111 | urc, co | | DATE:_ <u> </u> | | | |



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

DOUTHIT C FEDERAL 2F

DEVELOPMENT

| Lease: | | | | AFE #: WAN.ZA2.5827 | | | 5827 | | AFE \$: 560,319.20 | |
|--|------------------------------|-----------------------|-----------------|-----------------------|-----------------|-------------------|---|---------------------------------|---|--|
| Field Name: hBR_SAN JUAN Rig: 8e | | | earcat Rig 4 | arcat Rig 4 | | State: NM | County: SAN JUAN | API #: | | |
| Geologist: Phone: | | | : | Geophy | | hysicist: | | Phone: | | |
| Geoscientist: Riley, Brook Phone: | | | | +1 505-32 | +1 505-324-6108 | | | | Phone: | |
| Res. Engineer: M | | | | : 505-326-9 | | Proj. F | ield Lead; | | Phone: | |
| Primary Object | ive (Zone | :s): | | | | | | | | |
| Zone | Zone Na | me | | | | | | | | |
| FRR | BASIN DA | KOTA (PRORATE | D GAS |) | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Location: Surface | PERCENT SECTION AND ADDRESS. | 医外侧性动物的 计正常 医多少种性 "后" | Marie 2855-52-5 | D 27 | | | | | 5traight Hole | |
| Latitude: 36.5441 | .32 Lo | ngitude: -107.99 | 1828 | X: | | Y: | | Section: 27 | Range: 011W | |
| Footage X: 2280 | FWL Fo | otage Y: 1880 FS | iL | Elevation: 6 | 5393 | (FT) | Township: 027N | | | |
| Tolerance: | | | | | | | | | | |
| Location Type: Ye | ear Round | | Start D | Date (Est.): 1 | 1/1/2008 | Con | npletion Date: | Date In | Operation: | |
| Formation Data: | Assume | KB = 6405 L | Jnits = | FT | | | | | | |
| Formation Call & Casing Points | | Depth (TVD in Ft) | SS (Ft) | Depletion (Yes/No) | | BHT | | Remarks | ; | |
| Total Depth | · | 0 | 6405 | | | | L | | | |
| Surface Casing | | 320 | 6085 | | | | 12-1/4 hole. 32 | 20' 8 5/8" 24 ppf, J-55 | 5, STC casing. Cement with | |
| DIO ALAMO | | FF 1 0 | | | | 319 cuft. Circula | ate cement to surface. | | | |
| | | 895 1006 | 5510 5399 | | | | | | | |
| | | 1689 | 4716 | 7 | | | Possible Gas | | | |
| PICTURED CLIFFS | | 2001 | 4404 | H | | | 1 033IDIC GG3 | | | |
| LEWIS | | 2168 | 4237 | | | | | | | |
| HUERFANITO BENT | TONITE | 2417 | 3988 | | | | | | | |
| CHACRA | | 2859 | 3546 | $\overline{\Box}$ | | | | | | |
| MASSIVE CLIFF HO | USE | 3545 | 2860 | | | | Gas | | | |
| MENEFEE | | 3608 | 2797 | $\overline{\Box}$ | | | | | | |
| MASSIVE POINT LO | окоит | 4418 | 1987 | | | | | | | |
| MANCOS | | 4815 | 1590 | | | | | | | |
| UPPER GALLUP | | 5503 | 902 | | | | | | | |
| GREENHORN 6376 | | 6376 | 29 | | | | | | | |
| GRANEROS 6433 | | -28 | | | | | | | | |
| TWO WELLS 6491 | | -86 | | 1050 | | Gas | | | | |
| PAGUATE 6537 | | -132 | | | | | | | | |
| CUBERO 6597 | | -192 | | | | | | | | |
| ENCINAL 6639 | | -234 | | | | | | | | |
| TOTAL DEPTH DK 6653 | | -248 | | | | | 1/2", 11.6 ppf, N-80 LT late cement to surface | TC casing. Cement with | | |
| Reference Wells | | | | | | | 1505 cuit. Circu | | | |
| - 22 (0) , 4 3 TW/- 10 (7 10 Dec. 2 / 10 TW | Well Nan | ne | 200 49 557 12 | Comment | S | 07,025,2,4-9-9-70 | 5 Marie 1990 (St.) | CONTRACTOR SALVESTED TO A CORES | 2 M - 18 - 12 M | |
| Production | Douthit Fe | ed C #2 | | 45-06241 | | | | | | |

Printed on: 11/28/2007 2:05:00 PM



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

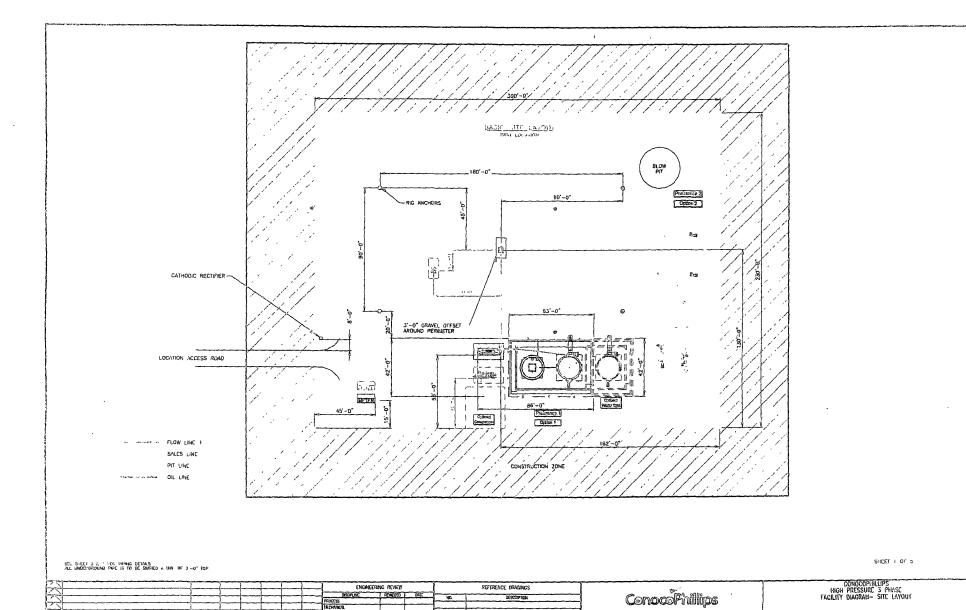
| DOUTHLI C FEL | JENAL 2F | | DEVELOPINIENT | | | | | | |
|-------------------------|--|-----------------|---------------|----------------|---------|--|--|--|--|
| Logging Program | n: | | | | | | | | |
| Intermediate Logs | | | | | | | | | |
| | | | | | | | | | |
| TD Logs: | TD Logs: Triple Combo Dipmeter RFT Sonic VSP TDT Other | | | | | | | | |
| | Bott, perf 20 ft al | ove TD. GR_CBL. | | | | | | | |
| Additional Information: | | | | | | | | | |
| | | | | | | | | | |
| Log Type | Stage | From (Ft) | To (Ft) | Tool Type/Name | Remarks | | | | |

Comments: Location/Tops/Logging - DK 27N11W27SW2 Stake at 1880' FSL & 2280' FWL.

Zones - DK 27N11W27SW2

General/Work Description -

Printed on: 11/28/2007 2:05:00 PM



CSCSPICS

CSCSPI

CIST'D

| ASSET DATE | SMEET HE | ASSET THE | ASSE

CLEUR MER STALE, HOME DIGG TO HP3PHASE—REVI

SAN JUAN BUSINESS UNIT

Directions from the Post Office in Bloomfield, NM to

Burlington Resources Oil & Gas Company LP - Douthit C Federal No. 2F

1880' FSL & 2280' FWL, Section 27, T-27-N, R-11-W, N.M.P.M., San Juan County, New Mexico

From the Post Office in Bloomfield, New Mexico.

Travel in an easterly direction on Highway 64 for 0.4 miles.

Turn right and travel southerly on Highway 550 for 11.7 miles to M.P. 139.8.

Turn right on C.R. 7100 (Chaco Plant road) and travel in a southwesterly direction for 1.0 miles.

Turn left and travel in an southeasterly direction on N.A.P.I. access two-track for 0.1 miles to new location on left side of road adjacent to rectangular field.