

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JAN 8 '10
OIL CONS. DIV.
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	RECEIVED	5. Lease Number SF-078128 Unit Reporting Number
1b. Type of Well GAS	DEC 14 2009	6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company, LP	Bureau of Land Management Farmington Field Office	7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Turner Federal 9. Well Number 2M
4. Location of Well Surf: Unit D(NWNW), 745' FNL & 979' FWL Surf: Latitude: 36.81731° N (NAD83) Longitude: 107.84165° W		10. Field, Pool, Wildcat Blanco MV / Basin DK 11. Sec., Twn, Rge, Mer. (NMPM) 0 Sec. 13, T30N, R10W API # 30-045-35064
14. Distance in Miles from Nearest Town 12 miles / Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 745'		
16. Acres in Lease 838.170	 H ₂ S POTENTIAL EXIST	17. Acres Assigned to Well 316.46 N/2 - MV/DK
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 101' from Turner Federal 210S (FC)		
19. Proposed Depth 7825'		20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6591' GL	BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE APPLICANT FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS	
23. Proposed Casing and Cementing Program See Operations Plan attached	FEDERAL AND INDIAN LANDS	
24. Authorized by: <u>Crystal Tafuya</u> Crystal Tafuya (Regulatory Technician)	12/14/2009 Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE AFM DATE 1/6/2010

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

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 presentations as to any matter within its jurisdiction.

Example Master Plan Type 3

Bond Numbers NMB-000015 and NMB-000089

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

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

NMOCD

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.9
and appeal pursuant to 43 CFR 3165.4

JAN 13 2010

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 12, 2005

DISTRICT II
1301 W. Grand Avenue, Artesia, N.M. 88210

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-35004	Pool Code 72319/71599	Pool Name BLANCO MESAVERDE / BASIN DAKOTA
Property Code 7613	Property Name TURNER FEDERAL	Well Number 2 M
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 6591'

¹⁰ Surface Location

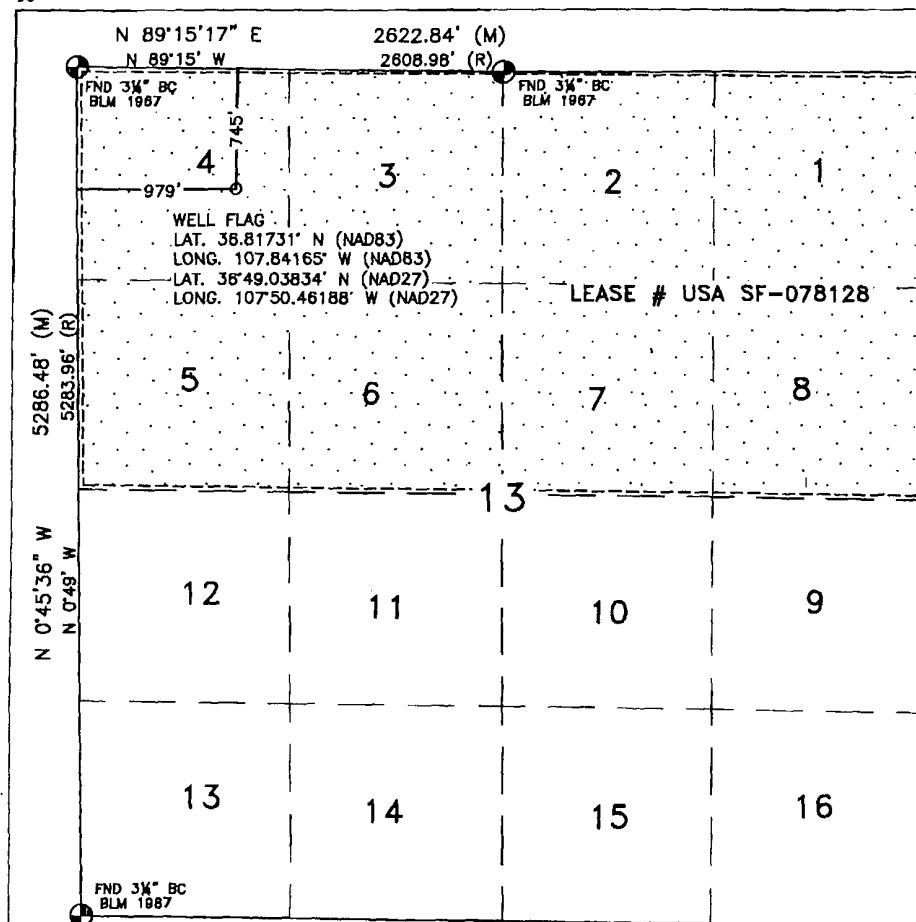
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	13	30N	10W	4	745'	NORTH	979'	WEST	SAN JUAN

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
D									
Dedicated Acres 316.46 ACRES - N/2			Joint or Infill		Consolidation Code		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

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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner or a compulsory pooling order heretofore entered by the division.

Crystal Tafoya 2/10/09
Signature Date

Crystal Tafoya 2-10-09
Printed Name

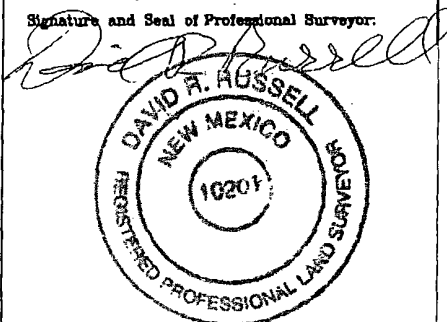
¹⁸ SURVEYOR CERTIFICATION

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.

JANUARY 14, 2009

Date of Survey

Signature and Seal of Professional Surveyor:



DAVID RUSSELL

Certificate Number

10201

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

TURNER FEDERAL 2M

DEVELOPMENT

Lease:		AFE #: WAN.CDR.8411		AFE \$: 1,372,111.25	
Field Name: SAN JUAN		Rig: H&P Rig 282		State: NM	County: SAN JUAN
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: Hester, Colton		Phone: +1 505-326-9779		Proj. Field Lead:	
				Phone:	

Primary Objective (Zones):

Zone	Zone Name
RON	BLANCO MESAVERDE (PRORATED GAS)
R20076	DAKOTA(R20076)

Location: Subface Datum Code: NAD 27

Latitude: 36.817306	Longitude: -107.841031	X:	Y:	Section: 13	Range: 010W
Footage X: 979 FWL	Footage Y: 745 FNL	Elevation: 6591	(FT)	Township: 030N	

Tolerance:

Location Type: Year Round Start Date (Est.): 1/1/2010 Completion Date: Date In Operation:

Formation Data: Assume KB = 6607 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	6407	☐			12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 121 cuft. Circulate cement to surface.
OJO ALAMO	1985	4622	☐			
KIRTLAND	2108	4499	☐			
FRUITLAND	2725	3882	☐			Possible Gas
PICTURED CLIFFS	3255	3352	☐			
LEWIS	3399	3208	☐			
Intermediate Casing	3499	3108	☐			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 788 cuft. Circulate cement to surface.
HUERFANITO BENTONITE	3989	2618	☐			
CHACRA	4303	2304	☐			
UPPER CLIFF HOUSE	4766	1841	☐			Gas; Est. Top Perf - 4768 (1839)
MASSIVE CLIFF HOUSE	4872	1735	☐	410		Gas
MENEFEE	5075	1532	☐			
POINT LOOKOUT	5485	1122	☐			
MANCOS	5857	750	☐			
UPPER GALLUP	6773	-166	☐			
GREENHORN	7525	-918	☐			
GRANEROS	7577	-970	☐			
TWO WELLS	7623	-1016	☐	2412		Gas
PAGUATE	7730	-1123	☐			
UPPER CUBERO	7769	-1162	☐			
LOWER CUBERO	7785	-1178	☐			Est. Btm Perf - 7804 (-1197) based on offset wells
ENCINAL	7805	-1198	☐			TD - 20' below T/ENCN
Total Depth	7825	-1218	☐			6-1/4" hole, 4-1/2" 11.6 ppf, L-80, STC/LTC casing. Cement w/ 589 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:

Reference Type	Well Name	Comments
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PROJECT PROPOSAL - New Drill / Sidetrack

TURNER FEDERAL 2M

DEVELOPMENT

Production	Gambling C 1B	30N 10W 14 SW NE NE
Production	Turner Federal 210S	30N 10W 13 SE NW NW
Production	Sunray H Com 6M	30N 10W 11 NE SW SE

Logging Program:

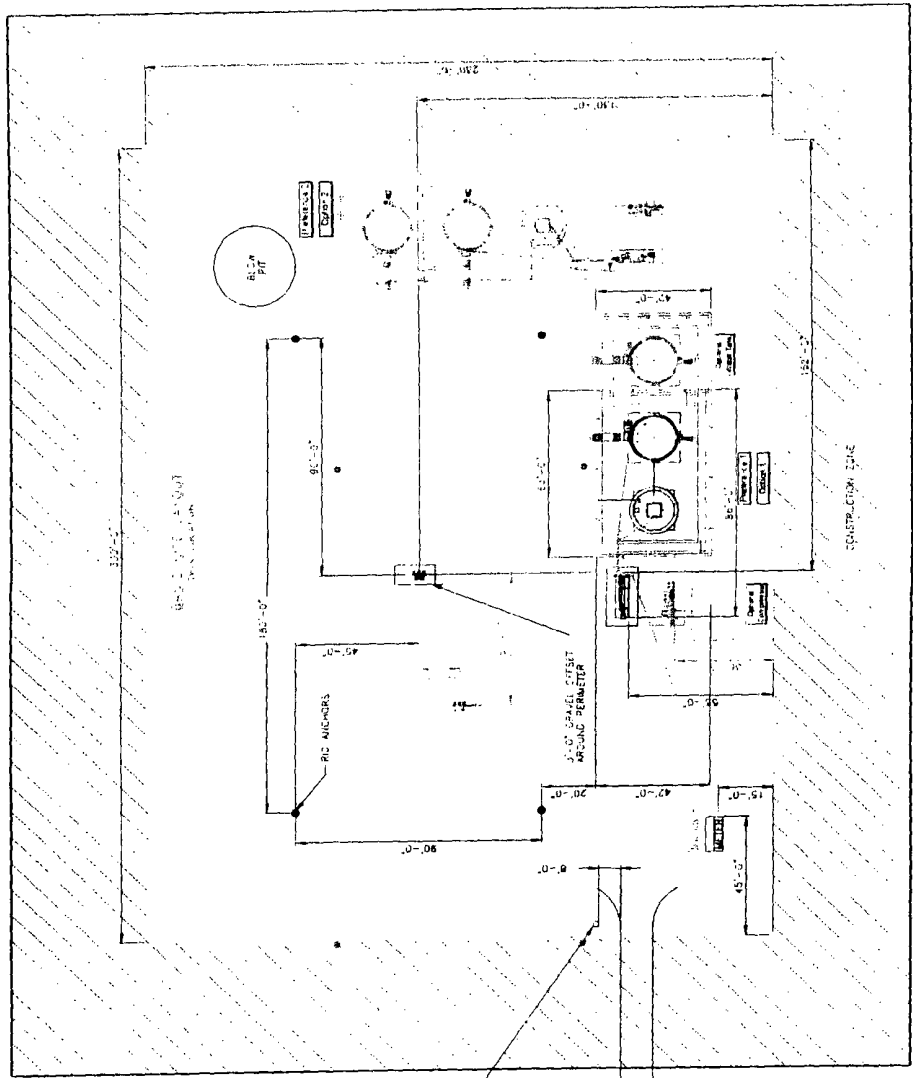
Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple Combo

TD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Cased Hole GR / CBL

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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FLOW LINE 1
 SALES LINE
 PIT LINE
 ON LINE

SEE SHEET 2 & 3 FOR APPLICABLE
 ALL DIMENSIONS ARE TO BE BUILT A MIN OF 3'-0" TOL

Sheet 1 of 2

PROJECT INFORMATION				REFERENCE DRAWINGS				CONSTRUCTION DATA			
NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY	NO.	DESCRIPTION	DATE	BY
1	PROCESS			1	PROCESS			1	PROCESS		
2	MECHANICAL			2	MECHANICAL			2	MECHANICAL		
3	ELECTRICAL			3	ELECTRICAL			3	ELECTRICAL		
4	PLUMBING			4	PLUMBING			4	PLUMBING		
5	PAINTING			5	PAINTING			5	PAINTING		
6	CONCRETE			6	CONCRETE			6	CONCRETE		
7	IRONWORK			7	IRONWORK			7	IRONWORK		
8	STEEL ERECTION			8	STEEL ERECTION			8	STEEL ERECTION		
9	WELDING			9	WELDING			9	WELDING		
10	PIPELAYS			10	PIPELAYS			10	PIPELAYS		
11	INSULATION			11	INSULATION			11	INSULATION		
12	PAINTING			12	PAINTING			12	PAINTING		
13	CONCRETE			13	CONCRETE			13	CONCRETE		
14	IRONWORK			14	IRONWORK			14	IRONWORK		
15	STEEL ERECTION			15	STEEL ERECTION			15	STEEL ERECTION		
16	WELDING			16	WELDING			16	WELDING		
17	PIPELAYS			17	PIPELAYS			17	PIPELAYS		
18	INSULATION			18	INSULATION			18	INSULATION		
19	PAINTING			19	PAINTING			19	PAINTING		
20	CONCRETE			20	CONCRETE			20	CONCRETE		
21	IRONWORK			21	IRONWORK			21	IRONWORK		
22	STEEL ERECTION			22	STEEL ERECTION			22	STEEL ERECTION		
23	WELDING			23	WELDING			23	WELDING		
24	PIPELAYS			24	PIPELAYS			24	PIPELAYS		
25	INSULATION			25	INSULATION			25	INSULATION		
26	PAINTING			26	PAINTING			26	PAINTING		
27	CONCRETE			27	CONCRETE			27	CONCRETE		
28	IRONWORK			28	IRONWORK			28	IRONWORK		
29	STEEL ERECTION			29	STEEL ERECTION			29	STEEL ERECTION		
30	WELDING			30	WELDING			30	WELDING		
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32	INSULATION			32	INSULATION			32	INSULATION		
33	PAINTING			33	PAINTING			33	PAINTING		
34	CONCRETE			34	CONCRETE			34	CONCRETE		
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36	STEEL ERECTION			36	STEEL ERECTION			36	STEEL ERECTION		
37	WELDING			37	WELDING			37	WELDING		
38	PIPELAYS			38	PIPELAYS			38	PIPELAYS		
39	INSULATION			39	INSULATION			39	INSULATION		
40	PAINTING			40	PAINTING			40	PAINTING		
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42	IRONWORK			42	IRONWORK			42	IRONWORK		
43	STEEL ERECTION			43	STEEL ERECTION			43	STEEL ERECTION		
44	WELDING			44	WELDING			44	WELDING		
45	PIPELAYS			45	PIPELAYS			45	PIPELAYS		
46	INSULATION			46	INSULATION			46	INSULATION		
47	PAINTING			47	PAINTING			47	PAINTING		
48	CONCRETE			48	CONCRETE			48	CONCRETE		
49	IRONWORK			49	IRONWORK			49	IRONWORK		
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53	INSULATION			53	INSULATION			53	INSULATION		
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70	IRONWORK			70	IRONWORK			70	IRONWORK		
71	STEEL ERECTION			71	STEEL ERECTION			71	STEEL ERECTION		
72	WELDING			72	WELDING			72	WELDING		
73	PIPELAYS			73	PIPELAYS			73	PIPELAYS		
74	INSULATION			74	INSULATION			74	INSULATION		
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93	WELDING			93	WELDING			93	WELDING		
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96	PAINTING			96	PAINTING			96	PAINTING		
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100	WELDING			100	WELDING			100	WELDING		

ConocoPhillips

SAN JUAN BUSINESS UNIT

CONOCO PHILLIPS
 NEW PROCESS 3 PHASE
 FACILITY DIAGRAM - SHEET 1

DATE	10/1/87
BY	W. J. B.
CHECKED	W. J. B.
APPROVED	W. J. B.
REVISION	10/1/87

BURLINGTON RESOURCES OIL & GAS COMPANY LP

TURNER FEDERAL #2 M

745' FNL & 979' FWL

LOCATED IN THE NW/4 NW/4 OF SECTION 13,

T30N, R10W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

DIRECTIONS

- 1) FROM HWY 550 & HWY 516 IN AZTEC, GO NORTH ON HWY 550 FOR 1.0 MILE.
- 2) TURN RIGHT ONTO HWY 173, GO EAST FOR 9.5 MILES.
- 3) TURN LEFT AND GO 0.4 MILES TO "Y" INT.
- 4) STAY RIGHT & GO 0.85 TO "Y" INT..
- 5) TURN RIGHT & GO 0.3 MILES.
- 6) TURN LEFT INTO LOCATION WHERE WELL IS TWINNED.

WELL FLAG LOCATED AT LAT. 36.81731° N, LONG. 107.84165° W (NAD 83).

