

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 05 2008

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Farmington Field Office

1a. Type of Work DRILL	5. Lease Number USA SF - 0784978 Unit Reporting Number	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator ConocoPhillips Company	7. Unit Agreement Name San Juan 28-7 Unit NMNM-78413C-DK NMNM-78413A-MV	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	8. Farm or Lease Name RCVD DEC 31 '08 OIL CONS. DIV. DIST. 3	
4. Location of Well / Unit H (SENE), 2505' FNL & 1265' FEL Latitude 36.632658 N Longitude 107.592144 W	10. Field, Pool, Wildcat Basin DK/Blanco MV 11. Sec., Twn, Rge, Mer. (NMPM) Sec. 29, T28N, R7W API # 30-039-30610	
14. Distance in Miles from Nearest Town 19 miles/Blanco	12. County Rio Arriba /	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1265'	17. Acres Assigned to Well 320.00 Acres (E/2)	
16. Acres in Lease 1639.560 Acres	18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1272' from SJ 28-7 #193 MV/DK	
19. Proposed Depth 7288'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6241' GR	22. Approx. Date Work will Start 12/4/08	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: Jamie Goodwin Jamie Goodwin (Regulatory Technician)		

A COMPLETE C-144 MUST BE SUBMITTED TO AND APPROVED BY THE NMOCD FOR: A PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, OR PROPOSED ALTERNATIVE METHOD, PURSUANT TO NMOCD PART 19.15.17, PRIOR TO THE USE OR CONSTRUCTION OF THE ABOVE APPLICATIONS.

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY: [Signature] TITLE: AFM DATE: 12/30/08

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 ES-0048 and ES-0085

NOTIFY AZTEC OCD 24 HRS.
PRIOR TO CASING & CEMENT

JAN 07 2009

NMOCD



H₂S POTENTIAL EXIST

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 7 Copies

Fee Lease - 3 Copies

DEC 05 2008

New Mexico Land Management
Farmington Field Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30610	² Pool Code 71599/72319	³ Pool Name BASIN DAKOTA / BLANCO MESAVERDE
⁴ Property Code 31739	⁵ Property Name SAN JUAN 28-7 UNIT	⁶ Well Number 230N
⁷ OGRID No. 217817	⁸ Operator Name CONOCOPHILLIPS COMPANY	⁹ Elevation 6241

¹⁰ SURFACE LOCATION


UL or lot no. H	Section 29	Township 28-N	Range 7-W	Lot Idn	Feet from the 2505	North/South line NORTH	Feet from the 1265	East/West line EAST	County RIO ARriba
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. H	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320.00(E/2)	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶ N 89°59'42" W 5286.0' (R) GLO 1914 5280.0' (R) 5280.7' (M) 2505' 1265' WELL FLAG NAD 83 LAT: 36.632658° N LONG: 107.592144° W NAD 27 LAT: 36°37.959044' N LONG: 107°35.492182' W E/2 DEDICATED ACREAGE USA SF-078497 SECTION 29 T-28-N, R-7-W N 0°03' W N 0°12'42" W MON.	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 of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Crystal Walker</i> 4/7/08 Signature Crystal Walker Printed Name Regulatory Technician Title and E-mail Address April 7th, 2008 Date	
	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 Date of Survey: 12/21/07  Certificate Number: NM 11393	

COMPANY
 Charge Code
 WELL NAME
 DUAL WELL
 TRIPLE WELL

BURLINGTON RESOURCES		
WAN.RFE.PDO7.MJ		
SAN JUAN 28 - 7 # 230 N	DATE	4/7/2008
WELL NAME		
WELL NAME		

COORDINATES

 COUNTY

SEC	TNSHP	RANGE	LATITUDE	LONGITUDE
H 29	28 N	7 W	36 57'37.37" N	107 35'31.72" W

RIO ARRIBA

RECTIFIER
 SOLAR
 GROUND BED
 240 V METER POLE
 480 V METER POLE
 D C CABLES
 A C CABLES
 PRIMARY POWER
 DISTANCE TO POWER
 UNDERGROUND
 PUMPJACK
 WATER PUMP

SIZE	NEEDED	EXISTING	1 PHASE	3 PHASE
30/12	x			
	x			
# 8	200'			
# 8	1100'			
			JEMEZ	
			1800'	

COMMENTS

INSTALL QO BKR IN EXISTING LOAD CENTER - PLOW UGAC FROM # 193 F TO # 230 N (1000 FT) - INSTALL RECTIFIER SYSTEM

WELL NAME

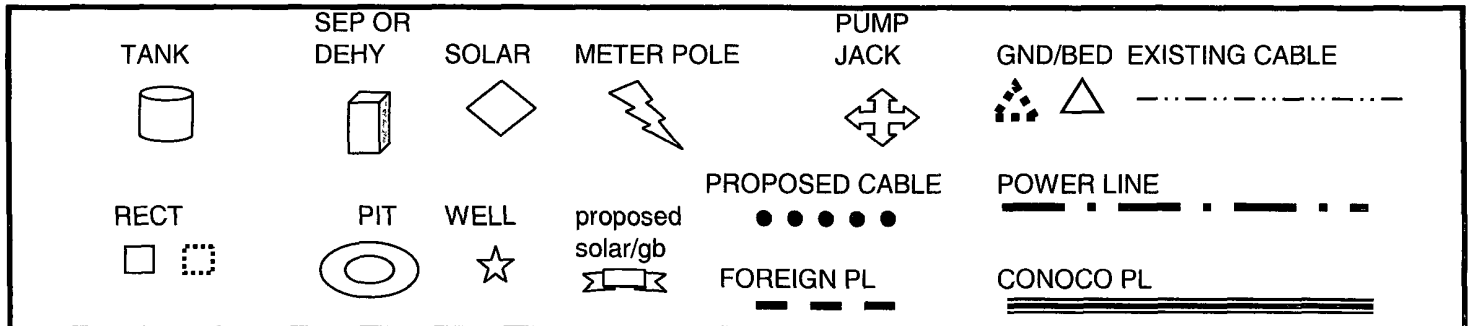
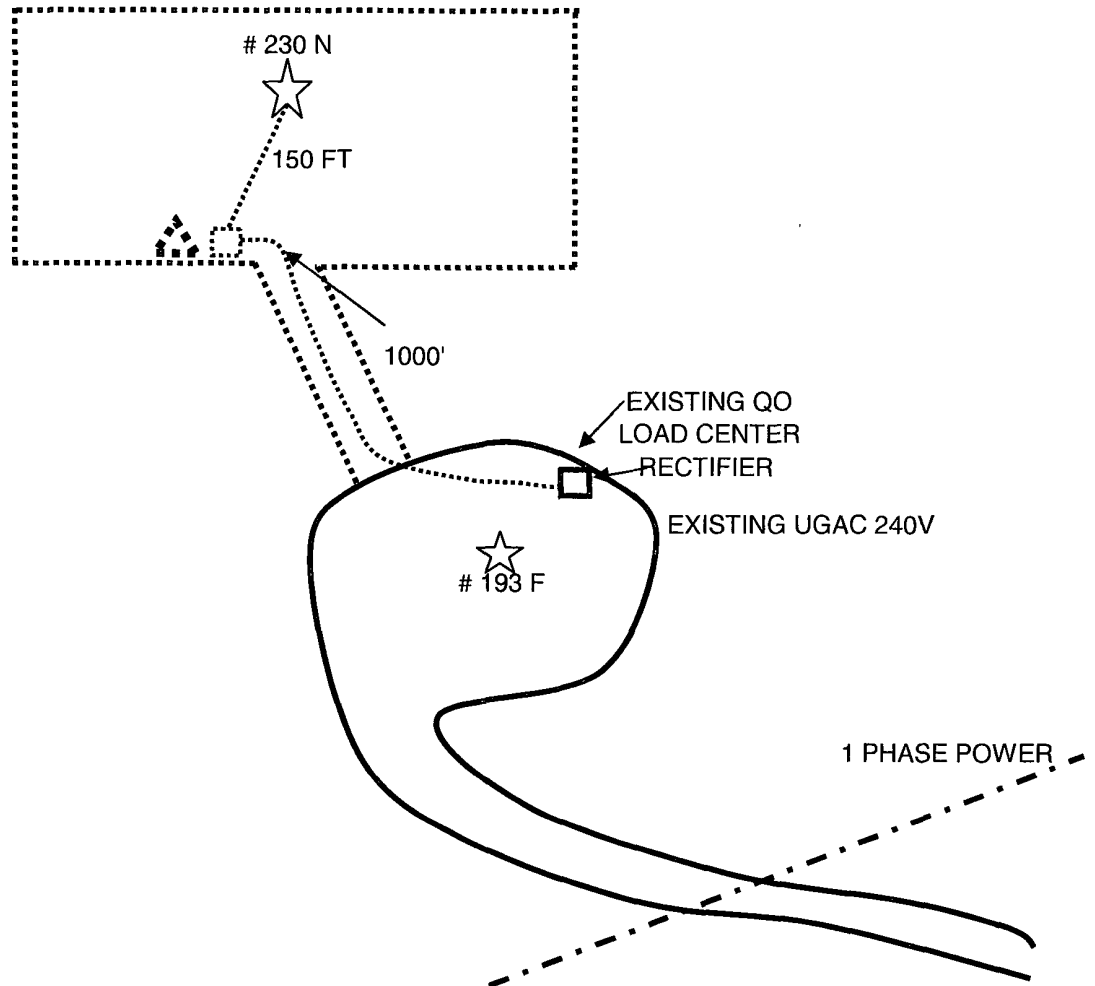
SAN JUAN 28 - 7 # 230 N



INSTALL RECTIFIER SYSTEM

SAND AND SOME SANDSTONE

1 PHASE JEMEZ POWER 1800'



PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 28-7 UNIT 230N

DEVELOPMENT

Lease:		AFE #: WAN.CDR.7494		AFE \$:	
Field Name: hBR_SAN JUAN		Rig: Aztec Rig 777		State: NM	County: RIO ARRIBA
Geologist:		Phone:		Geophysicist:	
Geoscientist:		Phone:		Prod. Engineer:	
Res. Engineer: McKee, Cory J		Phone: +1 505-326-9826		Proj. Field Lead:	
Primary Objective (Zones):					
Zone	Zone Name				
FRR	BASIN DAKOTA (PRORATED GAS)				
RON	BLANCO MESAVERDE (PRORATED GAS)				
Location: Surface Datum Code: NAD 27					
Latitude: 36.632650		Longitude: -107.591536		X:	Y:
Footage X: 1265 FEL		Footage Y: 2505 FNL		Elevation: 6241 (FT)	Township: 028N
Tolerance:					
Location Type: Year Round		Start Date (Est.): 1/1/2009		Completion Date:	
Date In Operation:					
Formation Data: Assume KB = 6253 Units = FT					
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT
Surface Casing	200	6053	<input type="checkbox"/>		
OJO ALAMO	1967	4286	<input type="checkbox"/>		
KIRTLAND	2109	4144	<input type="checkbox"/>		
FRUITLAND	2548	3705	<input type="checkbox"/>		Possible Gas
PICTURED CLIFFS	2831	3422	<input type="checkbox"/>		
LEWIS	2973	3280	<input type="checkbox"/>		
Intermediate Casing	3073	3180	<input type="checkbox"/>		
HUERFANITO BENTONITE	3405	2848	<input type="checkbox"/>		
CHACRA	3778	2475	<input type="checkbox"/>		
MASSIVE CLIFF HOUSE	4468	1785	<input type="checkbox"/>	390	Gas
MENEFEE	4595	1658	<input type="checkbox"/>		
POINT LOOKOUT	5021	1232	<input type="checkbox"/>		
MANCOS	5458	795	<input type="checkbox"/>		
UPPER GALLUP	6235	18	<input type="checkbox"/>		
GREENHORN	6967	-714	<input type="checkbox"/>		
GRANEROS	7027	-774	<input type="checkbox"/>		
TWO WELLS	7071	-818	<input type="checkbox"/>	800	Gas
UPPER CUBERO	7194	-941	<input type="checkbox"/>		
LOWER CUBERO	7217	-964	<input type="checkbox"/>		
ENCINAL	7287	-1034	<input type="checkbox"/>		
Total Depth	7288	-1035	<input type="checkbox"/>		
12-1/4 hole. 200' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 159 cuft. Circulate cement to surface.					
8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Cement with 692 cuft. Circulate cement to surface.					
6-1/4" hole, 4-1/2" 10.5/11.6 ppf, J-55, STC/LTC casing. Cement w/ 574 cuft. Circulate cement a minimum of 100' inside the previous casing string.					
Reference Wells:					
Reference Type	Well Name		Comments		

PROJECT PROPOSAL - New Drill / Sidetrack

SAN JUAN 28-7 UNIT 230N

DEVELOPMENT

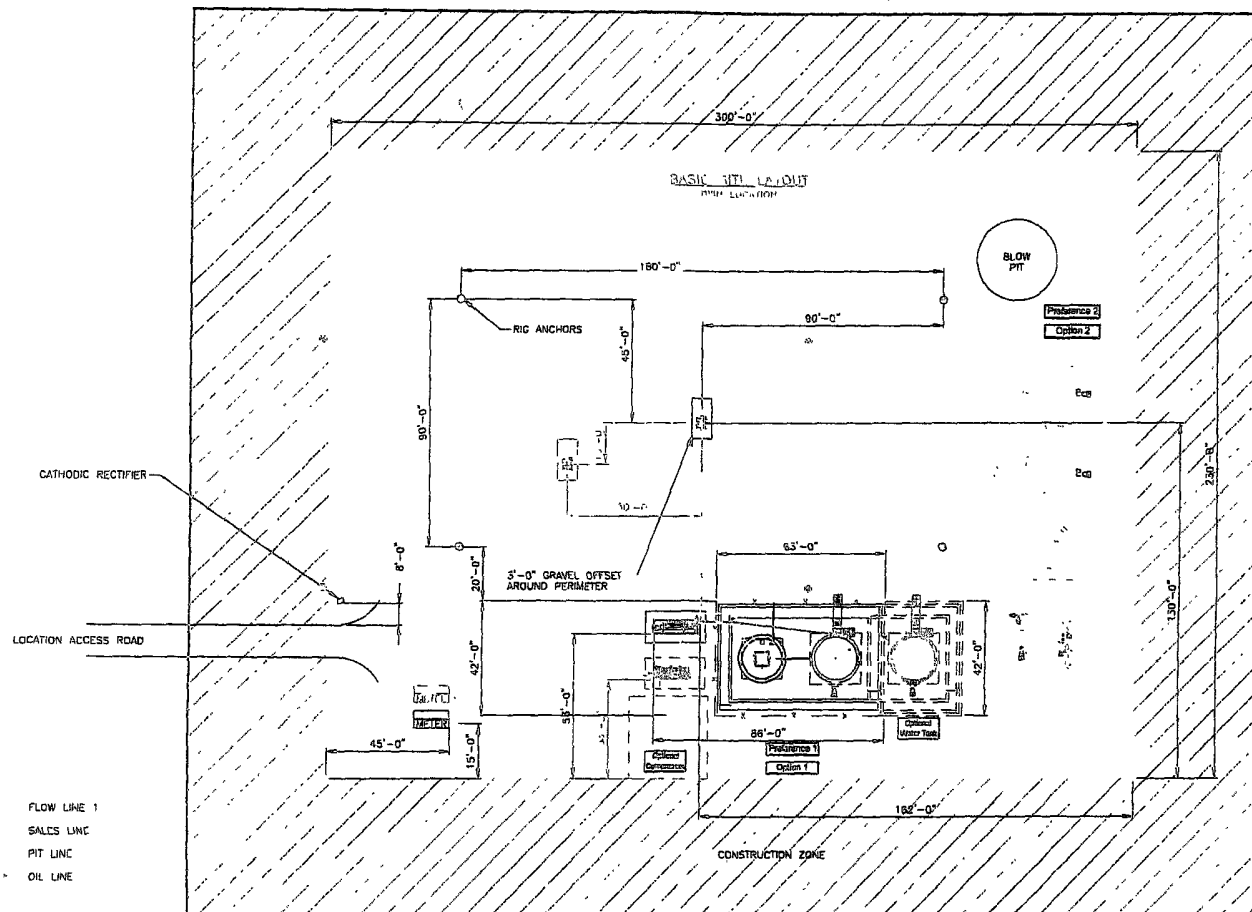
Logging Program:

Intermediate Logs: ☐ Log only if show ☐ GR/ILD ☐ Triple ComboTD Logs: ☐ Triple Combo ☐ Dipmeter ☐ RFT ☐ Sonic ☐ VSP ☐ TDT ☒ Other

Estimated bottom perf ~20' above the est TD.

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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SEE SHEET 3 & 4 FOR PIPING DETAILS
ALL UNDERGROUND PIPE IS TO BE BURIED A MIN. OF 3'-0" TOP

SHEET 1 OF 5

ENGINEERING REVIEW										REFERENCE DRAWINGS			CONOCOPHILLIPS HIGH PRESSURE 3 PHASE FACILITY DIAGRAM- SITE LAYOUT		
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE		CURRENT REV.	CLIENT APPR.	APPR. DATE
1	PROCESS		1			1			1			SAN JUAN BUSINESS UNIT	CURRENT REV.		
2	MECHANICAL		2			2			2				SCALE NAME		DATE/REV
3	PIPING		3			3			3				SCALE NAME		DATE/REV
4	ELECTRICAL		4			4			4				SCALE NAME		DATE/REV
5	I & C		5			5			5			HP3PHASE-REV1			1 OF 5
6	CIVIL/STRUCTURAL		6			6			6						
7	PROJECT		7			7			7						

HP3PHASE-REV1

CONOCOPHILLIPS COMPANY

**SAN JUAN 28-7 UNIT #230N
2505' FNL, 1265' FEL
SECTION 29, T-28-N, R-7-W, N.M.P.M.
RIO ARriba COUNTY, NEW MEXICO
NAD 83 LAT.: 36.632658°N LONG.: 107.592144°W
ELEV.: 6241 NAVD88
NEW ACCESS ROAD 978.7'**

FROM BLOOMFIELD, N.M. AT INTERSECTION OF HWY 550 AND HWY 64:

- GO: 10.5 MILES EAST ON HWY 64 THROUGH BLANCO N.M. AND CROSS BRIDGE OVER SAN JUAN RIVER. TURN RIGHT AT TOP OF HILL ON COUNTY ROAD #4450 AND TRAVEL SOUTH INTO LARGO CANYON.
- GO: 3.7 MILES SOUTH DOWN LARGO CANYON. TURN LEFT AT "CUTTER DAM" TURN OFF. CONTINUE SOUTHEASTERLY ALONG EAST SIDE OF LARGO WASH.
- GO: 5.8 MILES SOUTHEAST FROM CUTTER DAM. TURN RIGHT AT "9 MILE BRIDGE" AND TURN RIGHT.
- GO: 4.3 MILES, CROSSING "9 MILE BRIDGE" (CARRIZO WASH CROSSING) AND CONTINUE SOUTH AND EAST ALONG SOUTH SIDE OF CARRIZO CANYON. TURN SHARP LEFT, AT TURN OFF TO "GOULD PASS". CONTINUE TRAVELING EAST ALONG SOUTH SIDE OF CARRIZO CANYON.
- GO: 2.9 MILES EAST, HEADING BRIEFLY INTO MARTIN CANYON, THEN CLIMBING STEEP HILL OUT OF CANYON AND CONTINUE EAST ALONG BLUFF, SOUTH SIDE OF CARRIZO WASH. TURN RIGHT AT POINT WHERE MAIN ROAD IS BLOCKED OFF.
- GO: 0.7 MILES SOUTH, THEN SOUTH WEST TO EXISTING WELL PAD FOR CONOCO PHILLIPS SAN JUAN 28-7 #193F. BEGIN 978.7 FT. NEW ACCESS WESTERLY TO STAKED LOCATION SAN JUAN 28-7 UNIT #230N.