

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>SF-079353</b>
2. Name of Operator <b>ConocoPhillips Company</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>4001 Penbrook, Odessa, TX 79762</b>	3b. Phone No. (include area code) <b>432-368-1230</b>	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Surface: SESE of Section 9, 291' FSL - 127' FEL 32N, 8W; 291' FSL, 127' FEL</b> <b>Bottom Hole: NWNW of Section 15, 900' FNL - 800' FWL</b> <b>32N, 8W</b>		8. Well Name and No. <b>SAN JUAN 32-8 UNIT #258A</b>
		9. API Well No. <b>30-045-33050</b>
		10. Field and Pool, or Exploratory Area <b>Basin Fruitland Coal</b>
		11. County or Parish, State <b>SAN JUAN COUNTY, NM</b>

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

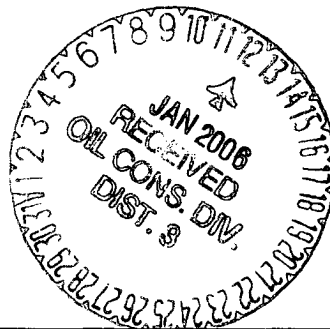
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Revise Directional</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Drill Path</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**ConocoPhillips Company requests to submit a revised directional drill path for this well.**

**A revised well plan, cement calculations and directional plan are attached as supporting documents**

**An APD for this well was approved 5/11/2005**



2006 JAN 10 AM 8 04  
RECEIVED  
OTO FARMINGTON NM

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Peggy James</b>		Title <b>Sr. Associate</b>
Signature <i>Peggy James</i>		Date <b>01/05/2006</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <i>Adrian Brumley</i>	Title <b>Pet. Eng</b>	Date <b>1/10/06</b>
Conditions of approval, if any, are attached. Approval of this notice 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.	Office <b>FFO</b>	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

NMOC

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 258A

Lease:		AFE #: WAN.CBM.6115		AFE \$:	
Field Name: 32-8	Rig: H&P 282	State: NM	County: SAN JUAN	API #: 3004533050	
Geoscientist: Cloud, Tom A	Phone: +1 832 486-2377	Prod. Engineer:		Phone: 832-486-2254	
Res. Engineer: Peterson, Brad T	Phone: 486-2055	Proj. Field Lead:		Phone:	

## Primary Objective (Zones):

Zone	Zone Name
JCV	BASIN FRUITLAND COAL (GAS)

## Location: Surface Deviated

Latitude: 36.99	Longitude: -107.67	X:	Y:	Section: 9	Range: 8W
Footage X: 127 FEL	Footage Y: 291 FSL	Elevation: 7000 (FT)	Township: 32N		
Tolerance:					

## Location: Bottom Hole Deviated

Latitude:	Longitude:	X:	Y:	Section: 15	Range: 8W
Footage X: 800 FWL	Footage Y: 900 FNL	Elevation:	(FT)	Township: 32N	
Tolerance:					

Location Type:	Start Date (Est.):	Completion Date:	Date In Operation:
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Formation Data: Assume KB = 7013 Units = FT

Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	213	6800	<input type="checkbox"/>			12-1/4 hole. 9 5/8" 32.3 ppf, H-40, STC casing. Circulate cement to surface.
NCMT	1083	5930	<input type="checkbox"/>			
CJAM	2343	4670	<input type="checkbox"/>			Possible water flows.
KRLD	2573	4440	<input type="checkbox"/>			
FRLD	3453	3560	<input type="checkbox"/>			Possible gas.
TOP COAL	3523	3490	<input type="checkbox"/>			
BASE MAIN COAL	3673	3340	<input type="checkbox"/>	1250		
PC TONGUE	3733	3280	<input type="checkbox"/>			
BASE LOWEST COAL	3908	3105	<input type="checkbox"/>			
PCCF	3913	3100	<input type="checkbox"/>			
Total Depth	3988	3025	<input type="checkbox"/>			7-7/8" hole. 5.5" 17.0 ppf, N-80, LTC casing.- Circulate cement to surface.

## Reference Wells:

Reference Type	Well Name	Comments
Intermediate	BR Susco 16 State #101	TD includes 80 feet sump/rathole & COPC will comply with
Intermediate	Phillips 32-8 #4-15	the BLM's Conditions of Approval for the proposed
Intermediate	Phillips 32-8 #258	sump/rathole in this non-producing Pictured Cliffs
Intermediate	Southland Reese Mesa #10	formation

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 258A

## Logging Program:

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

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

## Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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Comments: Location/Tops/Logging - PC gas pool in rest of section 15 but NOT in NW/4. Hardline target is SE of 670 FNL 670 FWL for legal location. Target radius is 100 ft. Hardlines: >960' south of surf. loc. and >790' east of surf. loc.

Zones - Obtain mudlog from intermediate casing to TD.

Estimate 1500' horizontal reach.

Drilling Mud Program:

Surface: spud mud

Intermediate: fresh water mud with bentonite and polymer as needed

Centralizer Program:

Surface: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 3rd, & 4th joints

Intermediate: centralizers placed 10' above the shoe latched over a stop collar and at the top of the 2nd, 4th, 6th, 8th, & 10th joints

Turbolizers placed one per joint from the top of the Ojo Alamo to the top of the Kirtland Shale

General/Work Description - Provide funds to drill and complete the Fruitland Coal formation in the San Juan 32-8 # 258A located in the NW 1/4 of Section 15, T32N, R8W, Basin Fruitland Coal Field, San Juan County, New Mexico.

Lease:	AFE #: WAN.CBM.6115			AFE \$:
Field Name: 32-8	Rig:	State: NM	County: SAN JUAN	API #: 3004533050
Geoscientist: Cloud, Tom A	Phone: +1 832 486-2377	Prod. Engineer:	Phone: 832-486-2254	
Res. Engineer: Peterson, Brad T	Phone: 486-2055	Proj. Field Lead:	Phone:	

## Primary Objective (Zones):

Zone	Zone Name
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## Location: Surface

Latitude: 36.99	Longitude: -107.67	X:	Y:	Section: 9	Range: 8W
Footage X: 127 FEL	Footage Y: 291 FSL	Elevation: 7000	(FT)	Township: 32N	

Tolerance:

## Location: Bottom Hole

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Footage X: 800 FWL	Footage Y: 900 FNL	Elevation:	(FT)	Township: 32N	

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# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 32-8 258A

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PC TONGUE	3733	3280	<input type="checkbox"/>	
BASE LOWEST COAL	3908	3105	<input type="checkbox"/>	
PCCF	3913	3100	<input type="checkbox"/>	
Total Depth	3988	3025	<input type="checkbox"/>	7-7/8" hole. 5.5" 17.0 ppf, N-80, LTC casing.- Circulate cement to surface.

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Intermediate	Phillips 32-8 #258	
Intermediate	Southland Reese Mesa #10	

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General/Work Description - Provide funds to drill and complete the Fruitland Coal formation in the San Juan 32-8 # 258A located in the NW 1/4 of Section 15, T32N, R8W, Basin Fruitland Coal Field, San Juan County, New Mexico.

**San Juan 32-8 #258A****Revised Tops**

<b>Formation</b>	<b>TVD</b>	<b>MD</b>
San Jose	13	13
Surface Casing	213	213
NCMT	1083	1106.86
OJAM	2343	2547.60
KRLD	2573	2811.34
FRLD	3453	3796.54
TOP COAL	3523	3868.95
Base Main Coal	3673	4022.30
PC Tongue	3733	4083.00
Base Lowest Coal	3908	4258.77
PCCF	3913	4263.78
Total Depth	3988	4339.00

**San Juan 32-8 # 258A**  
**Halliburton Cementing Program**

**SURFACE CASING :**

Drill Bit Diameter	12.25"	
Casing Outside Diameter	9.625"	Casing Inside Diam. 9.001"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	230'	
Cement Yield	1.21	cuft/sk
Cement Density	15.6	lb/gal
Excess Cement	125	%
Cement Required	141	sx

SHOE 230 ', 9.625 ", 32.3 ppf, H-40 STC

**PRODUCTION CASING :**

Drill Bit Diameter	7.875"	
Casing Outside Diameter	5.5"	Casing Inside Diam. 4.892"
Casing Weight	17	ppf
Casing Grade	N-80	
Shoe Depth	4339'	
Lead Cement Yield	2.91	cuft/sk
Lead Cement Density	11.5	lb/gal
Lead Cement Excess	160	%
Tail Cement Length	867.8'	
Tail Cement Yield	1.33	cuft/sk
Tail Cement Density	13.5	lb/gal
Tail Cement Excess	160	%
Lead Cement Required	523	sx
Tail Cement Required	294	sx

SHOE 4339 ', 5.5 ", 17 ppf, N-80 LTC

**SAN JUAN 32-8 #258A****HALLIBURTON OPTION**

9-5/8 Surface Casing		
Cement Recipe	Standard Cement	
	+ 3% Calcium Chloride	
	+ 0.25 lb/sx Flocele	
Cement Volume	141	sx
Cement Yield	1.21	cuft/sx
Slurry Volume	170.7	cuft
	30.4	bbls
Cement Density	15.6	ppg
Water Required	5.29	gal/sx

5 1/2" Production Casing		
Lead Slurry		
Cement Recipe	Standard Cement	
	+ 3% Econolite (Lost Circulation Additive)	
	+ 10 lb/sx Gilsonite (Lost Circ. Additive)	
	+ 0.25 lb/sx Flocele (Lost Circ. Additive)	
Cement Required	523	sx
Cement Yield	2.91	cuft/sx
Slurry Volume	1520.7	cuft
	270.9	bbls
Cement Density	11.5	ppg
Water Required	16.88	gal/sx

5 1/2" Production Casing		
Tail Slurry		
Cement Slurry	50 / 50 POZ:Standard Cement	
	+ 2% Bentonite (Light Weight Additive)	
	+ 5 lbm/sk Gilsonite (Lost Circ. Additive)	
	+ 0.25 lbm/sk Flocele (lost Circ. Additive)	
	+ 2% Calcium Chloride (Accelerator)	
Cement Required	294	sx
Cement Yield	1.33	cuft/sx
Slurry Volume	391.1	cuft
	69.7	bbls
Cement Density	13.5	ppg
Water Required	5.36	gal/sx

**SCHLUMBERGER OPTION**

9-5/8 Surface Casing		
Cement Recipe	Class G Cement	
	+ 3% S001 Calcium Chloride	
	+ 0.25 lb/sx D029 Cellophane Flakes	
Cement Volume	147	sx
Cement Yield	1.16	cuft/sx
Slurry Volume	170.7	cuft
	30.4	bbls
Cement Density	15.8	ppg
Water Required	4.983	gal/sx

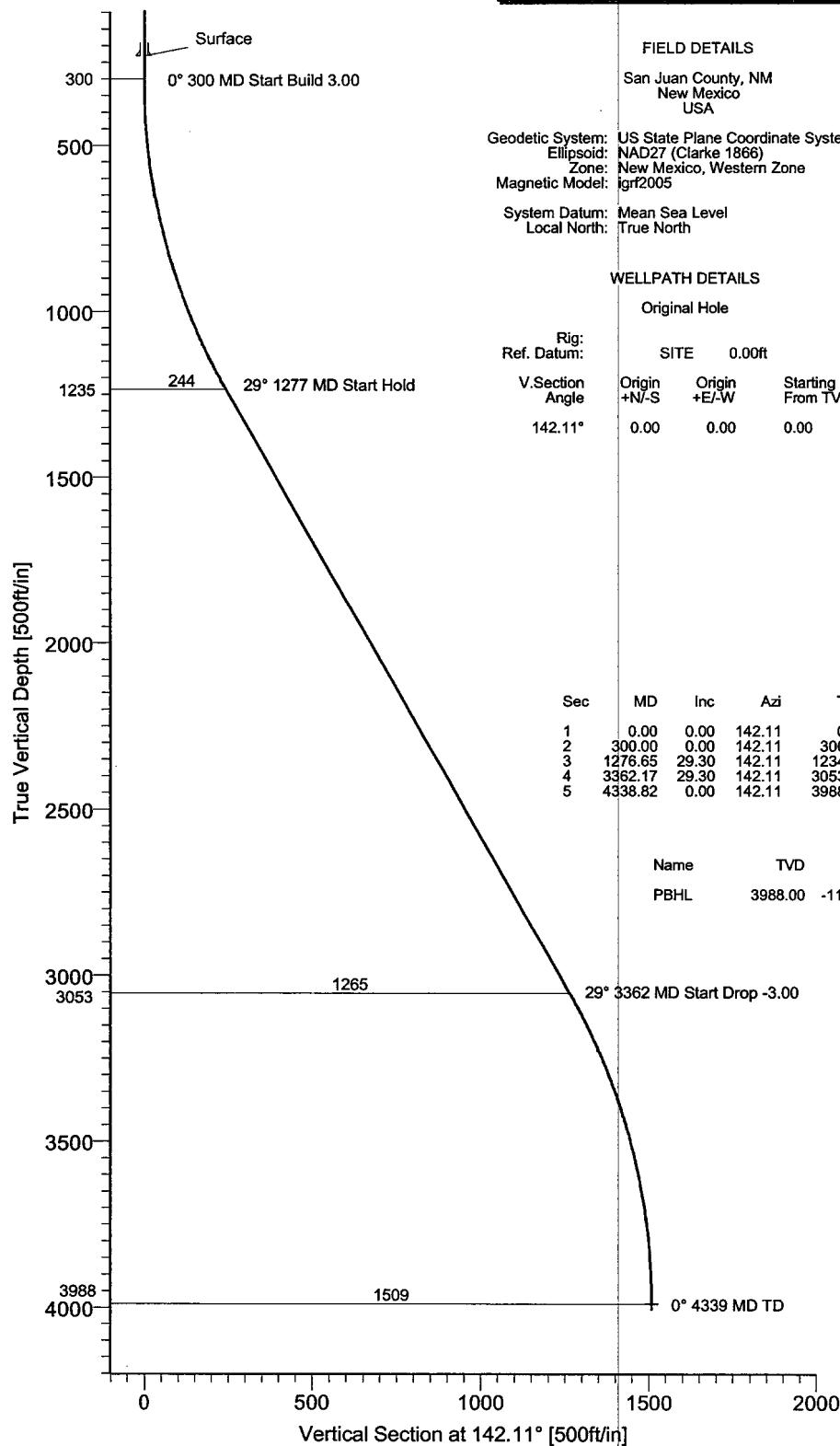
5 1/2" Production Casing		
Lead Slurry		
Cement Recipe	Class G Cement	
	+ 3% D079 Extender	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 0.2% D046 Antifoam)	
Cement Required	583	sx
Cement Yield	2.61	cuft/sx
Slurry Volume	1520.7	cuft
	270.9	bbls
Cement Density	11.7	ppg
Water Required	15.876	gal/sx

5 1/2" Production Casing		
Tail Slurry		
Cement Slurry	50 / 50 POZ : Class G Cement	
	+ 2% D020 Bentonite	
	+ 5 lb/sx D024 Gilsonite extender	
	+ 0.25 lb/sx D029 Cellophane Flakes	
	+ 2% S001 Calcium Chloride	
	+ 0.2% D046 Antifoam	
Cement Required	308	sx
Cement Yield	1.27	cuft/sx
Slurry Volume	391.1	cuft
	69.7	bbls
Cement Density	13.5	ppg
Water Required	5.182	gal/sx



## ConocoPhillips

Field: San Juan County, NM  
Site: San Juan 32-8 Unit 258A  
Well: Well #258A  
Wellpath: Original Hole  
Plan: Plan #3



### FIELD DETAILS

San Juan County, NM  
New Mexico  
USA

Geodetic System: US State Plane Coordinate System 1927  
Ellipsoid: NAD27 (Clarke 1866)  
Zone: New Mexico, Western Zone  
Magnetic Model: Igrf2005

System Datum: Mean Sea Level  
Local North: True North

### SITE DETAILS

San Juan 32-8 Unit 258A  
Sec. 9, T32N, R8W  
San Juan County, NM

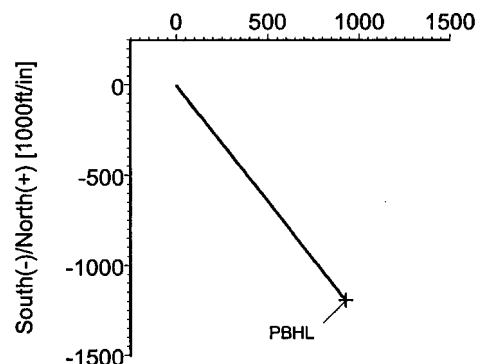
Water Depth: 0.00  
Positional Uncertainty: 0.00  
Convergence: 0.00

### WELLPATH DETAILS

#### Original Hole

Rig:	SITE	0.00ft
Ref. Datum:	Origin	Origin
V. Section	+N/-S	+E/-W
Angle		Starting
142.11°	0.00	From TVD
		0.00

West(-)/East(+) [1000ft/in]



### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	142.11	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	142.11	300.00	0.00	0.00	0.00	142.11	0.00	
3	1276.65	29.30	142.11	1234.64	-192.80	150.07	3.00	142.11	244.32	
4	3362.17	29.30	142.11	3053.36	-998.20	776.93	0.00	0.00	1264.92	
5	4338.82	0.00	142.11	3988.00	-1191.00	927.00	3.00	180.00	1509.24	PBHL

### TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL	3988.00	-1191.00	927.00	0.00	0.00	Point

### CASING DETAILS

No.	TVD	MD	Name	Size
1	230.00	230.00	Surface	9.625

