Form 3160-5
(April 2004)

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.

2007 JUN 14 PM 3:27

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

RECEIVED
070 FARMINGTON NM

1. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other	5. Lease Serial No.: NM 011350A
	6. If Indian, Allottee or Tribe Name:
	7. If Unit or CA/Agreement, Name and/or No.: San Juan 29-5 Unit
2. Name of Operator: ConocoPhillips Company	8. Well Name and No.: SAN JUAN 29-5 UNIT 35M
3a. Address: PO BOX 4289 Farmington NM 87499	3b. Phone No. (include area code): (505)326-9597
	9. API Well No.: 30-039-30155
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 610 NORTH 755 WEST UL: D, Sec: 34, T: 29N, R: 5W	10. Field and Pool, or Exploratory Area: Blanco Mesaverde / Basin Dakota
	11. County or Parish, State: RIO ARRIBA NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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 proposes to change TD from 8120' to 8212' per the attached revised drilling program.

RCVD JUN15'07
OIL CONS. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: Juanita Farrell — Title: Regulatory Specialist

Signature: Juanita Farrell — Date: 06/14/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by: Jim Lovato — Title: Petr. Eng. — Date: 6/15/07

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:

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)

NMOCD

CONOCOPHILLIPS

San Juan Division - Drilling Program

Well Name:	SJ 29-5 35M		
Formation:	MV/DK New Drill		
Location:	T - 29 N R - 5 W	Sec.: 34	
Footage:	610' FNL & 755' FWL		
County:	Rio Arriba	State:	New Mexico
Rig:	H&P 282	API #:	30-039-30155
APD/BLM	03/23/07	Lease # NMNM-011350-A	
GL:	6,792'	BLM Phone #: 599-8907	
KB:	6,808'	EST DAYS: 10	
TD:	8,212'		

Safety:
AFE# WAN.CNV.6165
Network # 10170452
0 0
0 0
AFE $656,003
Est. Cost/ft: $82.50
Like Kind Cost: $677,490

In case of Major Emergency Call 911

Give the following information to Operator:

Well Name:	SJ 29-5 35M	County:	Rio Arriba
Latitude:	36 degrees, 41.2592 minutes	State:	New Mexico
Longitude:	107 degrees, 21.0353 minutes		

From the intersection of HWY 550 and HWY 64 in Bloomfield NM travel East on NM state HWY 64 for 36.8 miles. Turn Right (Southerly) on General American road for 1.1 miles to fork in road. Go left (South-easterly) on Arnold road for 0.1 miles to fork in road. Go left (North-easterly) for 0.6 miles to fork in road. Go right (South-easterly) for 1.9 miles to fork in road. Go left (North-easterly) for 1.0 miles to fork in road. Go left which is straight (North-westerly) for 0.2 miles to fork in road. Go right which is straight (North-westerly) for 0.5 miles to fork in road. Go left which is straight (North-westerly) for 0.4 miles to new access on right-hand side of existing roadway which continues for 1700' to staked location.

Geology

Depth	Formation
232'	
1633'	Naciemento
2908'	Ojo Alamo
3106'	Kirtland
3178'	If needed (Stage Tool)
3478'	Fruitland
3768'	Pic. Cliffs
3968'	Lewis
4068'	Int TD
4728'	Chacra
5628'	Massive Cliff Hous
5668'	Menefee
5938'	Massive Pt Lookou
7198'	Gallup
7904'	Greenhorn
7958'	Graneros
8088'	Upper Cubero
8142'	Lower Cubero
0'	Est. Bottom Perf
8209'	Est. PBTD
8212'	TD

Hydraulics	Drlg Fluids	Cement	Analysis	Materials
13 1/2	Spud	Type III cement with 3% CaCl2 and 1/4 pps Cello-Flake. 214 sks, 1.28 cu.ft/sk, 274 cu.ft, 5.77 gal/sk, 15.2 ppg, Excess: 125%	Mo-Te preset	1 Wood Group wellhead; 1 Wellhead trash cap; 232 feet 9-5/8" 32.3# H-40 STC; 1 9-5/8" sawtooth guide shoe; 3 Bow Type Centralizers; 1 Wooden Plug for Displacement if Mo-Te sets
Baker 8 3/4" PDC 505ZX; 15-30K WOB; Spin Top Drive 60-70 RPM; 500+ GPM	Drill out from under surface w/ Clean Phase (Vis 99-95 WT 8.4-8.8 ppg, WL of <25 cc/30 min). Sweep w/ gel and fiber as needed. Start Mud up to 100 vis 200' from inter TD. If losses are incurred: Mix gel to 45 vis w/ 35% LCM in closed system. After 7" is on bottom cut vis to 45 prior to cementing.	Excess Cement: 100%; PF: 20 bbls mudflush. Top of tail is planned at 3285'. Lead: Premium Lite FM + 3% CaCl + 0.25 pps CelloFlake + 5 pps LCM-1 + 8% Bentonite + 0.4% Sodium Metasilicate + 0.4% FL-52A; 506 sks; 1081 cu. ft.; Density 12.1 ppg; Yield 2.13 cu.ft/sk; Mix Water 11.29 gal/sk. Tail: Type III Cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.2% bwoc FL-52A; 89 sks; 122 cu. ft.; Density 14.6 ppg; Yield 1.38 cu.ft/sk; Mix Water 6.64 gal/sk; 162.7 bbls. displacement	NONE	1 7" float shoe flapper type (Gemoco); 42 feet Shoe Joint 7" 20.0#, J-55 ST&C; 1 7" float collar flapper type (Gemoco); 190 feet 7", 23#, J-55 LT&C; 3926 feet 7", 20.0#, J-55 ST&C to surface. Centralizers: 6 7" x 8-3/4" bow type every other jt. off bottom; 2 7" x 8-3/4" turbo centralizers at base of the Ojo Alamo; 1 7" x 8-3/4" bow type in bottom of surface csg. Casing total: 3968 feet 7", 20.0#, J-55 ST&C; 290 feet 7", 23#, J-55 LT&C with 150' extra
6-1/4" Marquis CV462& Halco Hammer; 2 - 4K WOB; 30-40 RPM; Slow ROP before drilling into the top of Greenhorn. Reduce WOB to 2,000 & RPM to 25.	**Nitrogen/Air:** 400-500 psi; 1800-2200 SCFM; Use N2 membrane unit from Gallup down to TD.	**If losses are incurred - We will 2 STG**; Excess Cement: 40%; PF: 10 bbls Chemwash, 2 bbls freshwater. Tail: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52A; 313 sks; 619 cu. ft.; Density 12.5 ppg; Yield 1.98 cu.ft/sk; Mix Water 9.80 gal/sk; 130.5 bbls. displace. **Add 25lb. bag of sugar to 1st bbl of displacement.** **If mud drilled**, use 50% excess factor.	**Mud Logs:** 7804' - to TD. **Open-Hole Logs:** None. Notify Phoenix Service to acquire deviation survey at rig down: Phone # 325-1125	1 4-1/2" Float Shoe (Gemoco); 1 4-1/2" Ft Cllr w/ Insert & Latch in Wiper Plug; 412 feet 4-1/2" 11.6#, J-55 LT&C; 10 feet 4-1/2" 11.6#, J-55 LT&C marker jt; 6390 feet 4-1/2" 10.5#, J-55 ST&C; 1400 feet 4-1/2" 11.6#, J-55 LT&C to Surface. Centralizers: 7 total 4-1/2" x 6-1/4" bow spring. One every other joint for first 12 joints then 1 in the 7" shoe. Marker Joints: 1 10' LTC marker joint 11.6# J-55 LTC @ Greenhorn & 1 10' 10.5# J-55 STC 1100' above Massive Cliffhouse. **Casing total:** 6390 feet 4-1/2", 10.5#, J-55, ST&C; 1972 feet 4-1/2" 11.6#, J-55 LT&C w/ 150' extra. If mud drilling is necessary, deepen TD by ~100', run 40' shoe jt and 4-1/2" x 6-1/4" centralizers as shown above to the base of the 7" casing.
If hole gets wet: Mist drill to top of Mancos w/ hammer. Mud up, drill to TD w/ 506ZX. **Must run Dev Surveys**				

Environmental, Health & Safety

"A minute of thought is worth more than an hour of talk." - Author Unknown

	TRIR*	LTA	Restrict'd Duty	OSHA Rec	1st Aid
Goal	0	0	0	0	0
Actual (05/31/07)	5.51	5	4	13	38

* TRIR - Total Recordable Incident Rate per 200,000 man-hours.

Environmental Goals:
- Zero Spills on Location
- Remove Trash from Roads and Locations

29-5 45M (MV/DK, 2/06, 1.75 mi. NE): No problems with surface. Drilled intermediate hole and mudded up at 3200', pretreated with LCM TD 4037'. No losses. Cemented 7" casing in one stage. Circulated cement to surface. Air drilled 6-1/4 production hole and hit fracture at 8120' stuck pipe. Worked free. Got wet at 8141'. Mud up and drill to 8168' TD @ 8267' and run 4-1/2" casing no problems.

29-5 75M (MV/DK, 1/06, 1.25 mi. N): No probs on surface. 9-5/8" @ 230' cement to surface. Drilled 8-3/4" Int hole no losses. Mudded up at Ojo due to seepage. Ran 7" to TD. Cemented in one stage and got cement to surface. Air drilled production hole. Drlg break 8126' 20' flare. Bridge running 4-1/2" set down and blow w/air fell through and cemented.

29-5 5M (MV/DK, 1/05, 1.0 mi SW): No probs on surface 15 bbls CTS. Drilled intermediate no losses. 7" cemented in one stage with 70 bbls CTS. Air hole to 8032' lots of gas flare constant. After cement job still flaring. Kill with mud down backside.

29-5 5F (MV/DK, 3/05, 1.0 mi S): No probs on surface 5 bbls CTS. Drilled intermediate no losses. 7" cemented @ 3838' in one stage with 75 bbls CTS. Air hole to 8032' Tight on TOOH. Stuck pipe and fished for ~20 days. Plug and do OH ST and redrill to TD with mud (8056') ran 4-1/2" casing and cemented without problems.

29-5 6M (MV/DK, 1/07, 0.5 mi N): *No probs on surface 20 bbls CTS. Drilled intermediate no losses with 506ZX average* ROP 82.3'/hr. Had multiple full wiper trips (77 hours) and lots of tight spots and reaming. 7" cemented @ 3936' in one stage with 30 bbls CTS. Air hole to 8131'. Drilled with 2200 scftm and an MB62810 bit and super dominator hammer average ROP 158.8'/hr. Ran 4-1/2" casing and cemented without problems.

29-5 14M (MV/DK, 4/07, 0.5 mi NE): Surface preset by Mo-Te no problems. Drilled intermediate no losses with 9-1/2" bi-center bit until got differentially stuck at 3237'. *Possibly damaged bicenter bit at that point and tripped bi-center @ 3405'* average ROP 100.6'/hr. Finished with a 505ZX average ROP 102.7'/hr. Some tite hole in the 9-1/2" hole but able to pull through and run casing through (had to wash 3226-3250' w/ csg). Cemented in one stage with 110 bbls cement to surface. Air drilled without issue to TD (had mudlogger to help prevent getting wet at TD).

29-5 14G (MV/DK, 4/07, 0.5 mi E): Preset surface with Mo-Te no probs. Drilled intermediate with clean phase. At Int TD raised vis to 85 and had minimal overpull. Made WT and ran 7" casing to bottom. Cemented @ 4121' in one stage with 55 bbls CTS. Air hole drilling currently will have mudlogger to pick TD to avoid getting wet.

29-5 35F (MV/DK, 4/07, 0.5 mi E): Preset surface at 238' with Mo-Te no probs. Drilled intermediate with clean phase, 60 bbls CMT returns to surface. Intermediate set at 4014'. Air drilled production to 7078', nitrogen drilled to 8080', ran 4-1/2" CSG/CMT with no problems.

Operations Notes:
- Drill intermediate hole w/ Clean Phase w/ sweeps as needed. Disperse mud for Lewis. Transfer mud to next location--notify Regulatory
- Install rotating rubber after drill collars are buried
- Rig up blooie line before penetrating Kirtland formation.
- Fill out all Check Sheets (MIRU, Pre-spud) and take pictures of location.

- **Watch deviation very closely while drilling with PDC.**
- Surface pits MUST be lined according to the APD.
- Disperse mud & spin bit to remove bit ball while drilling the Lewis during connections and short trip.
- Circulate 7" casing down every 15-20 joints and wash the last 5 joints to TD.

- Use Weatherford/Gemoco float equipment for all holes this well. Production hole float includes a .75" ID insert choke in the float collar and **will use latch in wiper plug.** Cement w/ BJ Services on all cement jobs.
- Call all appropriate regulatory agencies 24 hours in advance of spud, cementing, or running casing. Leave message if after hours.

Prepared: 6/11/2007

Prepared by: ____________ Chuck Vecere - Engineer

Reviewed by: ____________ Shon D Robinson - Drilling Engineer

Approved by: ____________ Tom Bealessio - Drilling Superintendent