

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
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 and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.
30-045-32816

5. Indicate Type of Lease
STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion:
NEW ☐ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER _____ BACK _____ RESVR. ☐ OTHER _____

2. Name of Operator
ConocoPhillips Company

3. Address of Operator
5525 Highway 64 Farmington, NM 87401

7. Lease Name or Unit Agreement Name
SAN JUAN 32-7 UNIT

8. Well No.
249

9. Pool name or Wildcat
BASIN FRUITLAND COAL

4. Well Location
Unit Letter L 828 Feet From The FNL Line and 519 Feet From The FWL Line

Section 9 Township 32N Range 7W NMPM SAN JUAN County

10. Date Spudded 05/26/2005 11. Date T.D. Reached 06/17/2005 12. Date Compl. (Ready to Prod.) 08/03/2005 13. Elevations (DF& RKB, RT, GR, etc.) 6330 GL 14. Elev. Casinghead

15. Total Depth 3135 16. Plug Back T.D. 3130 17. If Multiple Compl. How Many Zones? SINGLE 18. Intervals Drilled By X Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name BASIN FRUITLAND COAL 20. Was Directional Survey Made YES

21. Type Electric and Other Logs Run MUD LOGS 22. Was Well Cored NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9.625	32.3H-40	231	12.25	150 SX Class G	15 bbls
7.0	20 J-55	2829	8.75	430 SX Standard	30 bbls
5.5	6.25 J-55	3135	6.25	190	0

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2.375	3089	

26. Perforation record (interval, size, and number)
3014'-3042'; 0.34 diameter; 64 holes
2882'-2966'; 0.34 diameter; 64 holes
Underreamed 6.25" hole to 9.5" from 2833' to 3135'
to cavitate. Decided to frac instead.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3014-3042 Frac'd w/20# Delta 140 w/WC SW 102,500#
16/30 Brady sand/1657 bbl fluid.
2882-2966 Frac w/20# Delta 140 w/WCSW. 105,750

28. PRODUCTION 16/30 Brady. Total sand 153, 750# and
Date First Production 08/03/2005 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) 2453 bbl fluid. Shut-in

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>06/18/2005</u>	<u>1</u>	<u>2" Pitot</u>		<u>0</u>	<u>309 psi</u>	<u>0</u>	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
<u>n/a</u>	<u>1.0 psi</u>						

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By _____

30. List Attachments

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Juanita Farrell
E-mail Address juanita.r.farrell@conocophillips.com

Printed
Name Juanita Farrell

Title Regulatory Analyst

Date 8/15/05

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	2003
T. Salt	T. Strawn	T. Kirtland-Fruitland	2363
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T. Coal MD 2886
T. Blinebry	T. Gr. Wash	T. Morrison	T. B. Coal MD 3025
T. Tubb	T. Delaware Sand	T. Todilto	T. B. Lowest Coal MD 3056
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

**OIL OR GAS
SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Well Name: San Juan 32-7 #249
 API #: 30-045-32816
 Location: 828' FNL & 519' FWL
Sec. 9 - T32N - R7W
San Juan County, NM
 Elevation: 6330' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #747
 Spud: 26-May-05
 Spud Time: 21:30
 Release Drl Rig: 29-May-05
 Release Time: 24:00
 Move in Cav Rig: 13-Jun-05
 Release Cav Rig: 23-Jun-05

Surface Casing Date set: 27-May-05
 Size 9 5/8 in
 Set at 231 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 231 ft
 TD of 12-1/4" hole 241 ft

☒ New
☐ Used

Notified BLM @ NA hrs on NA
 Notified NMOCD @ 21:40 hrs on 25-May-05

Intermediate Casing Date set: 29-May-05
 Size 7 in 66 jts
 Set at 2829 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 2785 ft
 T.O.C. SURFACE Bottom of Casing Shoe 2829 ft
 Pup @ ft TD of 8-3/4" Hole 2834 ft
 Pup @ ft

☒ New
☐ Used

Notified BLM @ NA hrs on NA
 Notified NMOCD @ 10:30 hrs on 28-May-05

Production Casing Date set: 21-Jun-05
 Size 5 1/2 in
 Nominal Wt. 17 ppf
 Grade J-55 Conn LTC
 Set at 3135 ft
 # Jnts: 71
 Hole Size 6.25" / 9.5" inches
 Underreamed 6-1/4" hole to 9.5" from 2833' to 3135'
 PBDT 3130 ft
 Bottom of Liner 3768 ft
 Top of Float Collar 3085 ft
 Bottom of Casing Shoe 3135 ft
 TD of 6-1/4" Hole 3135 ft

☒ New
☐ Used

Notified BLM @ NA hrs on NA
 Notified NMOCD @ hrs on

11" x 3M Casing Spool
 9-5/8" 8 RD x 11" 3M Casing Head

Surface Cement

Date cmt'd: 27-May-05
 Lead : 150 sx Class G Cement
 + 3% BWOC Calcium Chloride
 + 0.25 lb/sx Flocele
 1.18 cuft/sx, 177.0 cuft slurry at 15.6 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 06:00 hrs w/ 160 psi
 Final Circ Press: 75 psi @ 1.0 bpm
 Returns during job: YES
 CMT Returns to surface: 15 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 9.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 29-May-05
 Lead : 330 sx Standard Cement
 + 0.25 lb/sx Flocele
 + 3% Econolite
 + 10.00 lb/sx Gilsonite
 2.91 cuft/sx, 960.3 cuft slurry at 11.5 ppg
 Tail : 100 sx 50/50 POZ : Standard Cement
 + 0.25 lb/sx Flocele
 + 2% D020 Bentonite
 + 5.00 lb/sx Gilsonite
 + 2% S001 Calcium Chloride
 1.33 cuft/sx, 133 cuft slurry at 13.5 ppg
 Displacement: 113 bbls
 Bumped Plug at: 17:30 hrs w/ 1250 psi
 Final Circ Press: 650 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 30 bbls
 Floats Held: X Yes No

Production Cement

Date cmt'd: 21-Jun-05
 Cement : 190 sx 50/50 Standard Cement/ POZ
 + 0.8% HALAD-9
 + 3% Bentonite
 + 0.2% CFR-3
 + 2.50 lb/sx Phenoseal
 1.45 cuft/sx, 215.5 cuft slurry at 13.1 ppg
 Displacement: 72 bbls
 Bumped Plug: 14:11 hrs
 Final Circ Press:
 Returns during job: None Planned
 Floats Held: X Yes No

TD of 6-1/4" Hole: 3135 ft

Schematic prepared by:
 Aaron Fuhr, Development Engineer
 01-August-2005

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 188'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 221', 144', 101', 59'. Total: 4
7" Intermediate	DISPLACED W/ 113 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER. CENTRALIZERS @ 2819', 2741', 2658', 2571', 2485', 2399', 212', 82', 39'. TURBOLIZERS @ 2099', 2055', 2012', 1969', 1926', & 1883'. Total: 9 Total: 6
5-1/2" Casing:	6-1/4" hole underreamed to 9-1/2" from 2833' to 3135'. Decided not to caviate. Run 5-1/2" production casing to surface. Cement production casing into 7" lap. TIH w/ 4-3/4" bit and drilled cement to 3130'.



Regulatory Summary
SAN JUAN 32 7 UNIT #249

Initial Completion, 6/13/2005 07:00

API/Bottom UWI 300453281600	County San Juan	State/Province New Mexico	Surface Legal Location NMPPM-32N-07W-09-D	N/S Dist (ft) 828.00	N/S Ref N	E/W Dist (ft) 519.00	E/W Ref W
Ground Elevation (ft) 6,330.00	Latitude (DMS) 36° 59' 52.0008" N	Longitude (DMS) 107° 34' 41.9988" W	Spud Date 5/26/2005	Rig Release Date 6/23/2005			

6/13/2005 07:00 - 6/13/2005 19:00

Last 24hr Summary

PJSM, MOVE RIG, SPOT EQUIPMENT, RIG UP

6/14/2005 06:00 - 6/14/2005 19:00

Last 24hr Summary

RIG UP, CHANGE OUT DRILLING LINE WORK ON RIG.

6/15/2005 07:00 - 6/15/2005 19:00

Last 24hr Summary

RIG INSPECTION, PRESSURE TEST CASING AND BOPS, PICK UP BHA AND DP AND TRIP IN HOLE.

6/16/2005 07:00 - 6/16/2005 00:00

Last 24hr Summary

DRILL OUT, FISH FOR JUNK

6/17/2005 00:00 - 6/17/2005 00:00

Last 24hr Summary

DRLG TO 3135' FLOW AND SHUT IN TEST, UNDER REAM

6/18/2005 00:00 - 6/18/2005 16:00

Last 24hr Summary

FLOW AND SHUT IN TEST. TRIP OUT OF HOLE

6/19/2005 07:00 - 6/19/2005 18:00

Last 24hr Summary

SET BRIDGE PLUG, ND BOPS, INSTALL B-SECTION, NIPPLE UP BOPS, BLOOIE LINES, CHOKE MANIFOLD, RIG UP FLOOR.

6/20/2005 07:00 - 6/20/2005 18:00

Last 24hr Summary

PREP CASING, TRIP IN HOLE AND CONDITION. CHANGE RAMS AND TEST.

6/21/2005 07:00 - 6/21/2005 18:00

Last 24hr Summary

RUN CASING, CEMENT, SET SLIPS

6/22/2005 07:00 - 6/22/2005 19:00

Last 24hr Summary

CUT OFF CASING, NIPPLE UP BOPS, BLOOIE LINES, RIG UP FLOOR AND EQUIPMENT, TRIP IN HOLE, DRLG FC, CMT TO PBTB 3130'

6/23/2005 07:00 - 6/23/2005 18:00

Last 24hr Summary

LDDP & DC, NIPPLE DOWN BOPS AND BLOOIE LINES. RIG DOWN PREPARE TO MOVE.

Regulatory Summary

SAN JUAN 32 7 UNIT #249

Initial Completion, 7/8/2005 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300453281600	San Juan	New Mexico	NMPM-32N-07W-09-D	828.00	N	519.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,330.00	36° 59' 52.0008" N	107° 34' 41.9988" W	5/26/2005	6/23/2005			

7/8/2005 07:00 - 7/8/2005 15:00

Last 24hr Summary

Held safety meeting. RU Computalog. Pressured up on 5 1/2" CSG to 1500 #. Ran CBL log from 3124' to 2500'. Top of cement @ 2800'. Ran TDT log from 3124' to 1700'. Ran GR/ccl log from 3124' TO surface. SWI. RD Computalog.

7/15/2005 15:00 - 7/15/2005 15:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the lower Fruitland Coal. RIH w/ 3 1/8: 120 degree HSC perforating gun. Perforated from 3014' - 3026' w/ 4 spf, 3038' - 3032' w/ 4 spf. A total of 64 holes w/ .34 dia. SWI. RD Computalog.

7/16/2005 08:00 - 7/16/2005 18:00

Last 24hr Summary

Held safety meeting. RU H & H slickline. SICIP 106 #. Run pressure gauge on the lower fruitland coal. RIH w/ pressure gauge to 3028'. Perfs @ 3014' - 3042'. POOH w/ pressure gauges. BHP 1642 #. RD H & H wireline. Ru Halliburton. Frac the Fruitland Coal. Tested lines to 5800 #. Set pop off @ 4600 #. Broke down formation @ 5 BPM @ 1928 #. Pumped 1000 gals of 15% formic acid @ 5 BPM @ 2228 #. Pumped 20 # Delta frac 140 in Pad w/ 2000 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Fruitland Coal w/ 20 # Delta frac 140 w/ WC SW. 102,500 16/30 Brady sand & 1657 bbls fluid. Avg rate 30 BPM. Avg pressure 2726 #. Max pressure 2971 #. Max sand cons 5 # per gal. ISIP 2397 #. Frac gradient 1. Tagged well w/ 3 isotope. tagged pad w/ Scandium. Tagged the .05 & 3# sand w/ Iridium. Tagged the 4 # & 5 # w/ Antimony. SWI. RD Halliburton.

7/21/2005 07:00 - 7/21/2005 16:00

Last 24hr Summary

Held safety meeting. RU Coil tbg. SICIP 350 #. RIH w/ 1 1/4" coil tbg. Tagged sand @ 3028'. 102' of fill. cleaned out from 3028' to 3130 PBDT. Perfs @ 3014' to 3042'. circulated well clean w/ air. Pooh w/ coil tbg. SWI. RD coil tbg.

7/22/2005 07:00 - 7/22/2005 16:00

Last 24hr Summary

Held safety meeting. RU Computalog. RIH w/ 5 1/2 composi plug. Set plug @ 2986'. tested plug to 4300 #. held ok. Perforated the upper Fruitland Coal. RIH w/ 3 1/8: 120 degree HSC perforating gun. Perforated from 2882' - 2896' w/ 2 spf, 2930' - 2936' w/ 2 spf, 2942' - 2948' w/ 2 sps, 2960' - 2966' w/ 2 spf. A total of 64 holes w/ .34 dia. SWI. RD Computalog.

7/23/2005 06:00 - 7/23/2005 17:00

Last 24hr Summary

Held safety meeting. RU H & H slickline. SICIP 314 #. Run pressure gauge on the lower fruitland coal. RIH w/ pressure gauge to 2924'. Perfs @ 2882' - 2966'. POOH w/ pressure gauges. BHP 1597 #. RD H & H wireline. Ru Halliburton. Frac the Fruitland Coal. Tested lines to 5800 #. Set pop off @ 4600 #. Broke down formation @ 5 BPM @ 1988 #. Pumped 1500 gals of 15% formic acid @ 5 BPM @ 2091 #. Pumped 20 # Delta frac 140 in Pad w/ 3000 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Fruitland Coal w/ 20 # Delta frac 140 w/ WC SW. 150,750 16/30 Brady sand. Total sand pumped 153,750 #. 2453 bbls fluid. Avg rate 46 BPM. Avg pressure 3346 #. Max pressure 3597 #. Max sand cons 5 # per gal. ISIP 2879 #. Frac gradient 1. Tagged well w/ 3 isotope. tagged pad w/ Scandium. Tagged the .05 & 3# sand w/ Iridium. Tagged the 4 # & 5 # w/ Antimony. SWI. RD Halliburton.

7/26/2005 10:30 - 7/26/2005 17:00

Last 24hr Summary

Moved rig from SJ 29-5 #45M

7/27/2005 06:00 - 7/27/2005 17:30

Last 24hr Summary

Finished rigging up location equipment. Blew down well. Casing PSI of 450#. Flowing up casing at 100 psi and bringing back sand and water. ND frac valve. NU BOP stack. Pressure test blind and pipe rams. PU mill and bit sub. RIH 72 joints tubing (2217ft). SIW for the night.

7/28/2005 05:30 - 7/28/2005 17:30

Last 24hr Summary

finished TIH to tag fill. CO fill to top of BP. Drilled out BP. Cleaned out to PBDT. Blow around clean. TOOH to lay down mill and to PU 1.80 f-nipple. TIH to top of perfs.

7/29/2005 05:30 - 7/29/2005 17:30

Last 24hr Summary

RIH with 6 stands of tubing to PBDT. CO 20 feet of fill and unloaded water. Pulled up 5 stands to 100 feet above top perf. RU slickline to run EOT tool and tracer log. Ran tracer log with Protechnics. RD slickline and logging tools. Ran back in hole, CO 1 more time before shutting down for the weekend.

8/1/2005 07:00 - 8/1/2005 17:30

Last 24hr Summary

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP=1100#, BWD, TIH and tag w/ 15' fill @ 3118'. Start air unit. Establish circulation w/ air. Unload hole. C/O fill from 3118' to PBTD of 3133'. Circulate clean. Pooh w/ tbg, standing back 98 jts and laying down 4 jts. MU BHA and Tih and land well w/ EOT @ 3088.96' KB, Top of 1.781" FN @ 3054.60'. BHA and Production string as follows from top to bottom:
10' x 2 3/8" tbg sub
10' x 2 3/8" tbg sub
4' x 2 3/8" tbg sub.
98 jts 2 3/8" tbg
2 3/8" FN w/ 1.781" ID (Top of FN @ 3054.60' KB)
2 3/8" Mud Anchor w/ 1/2" hole drilled just below upset
2 3/8" x 2 1/16" X/O
2 1/16" SN w/ 1.50" ID
2 1/16" notched collar. (EOT @ 3088.96' KB)
Run in lock down pins. Unscrew landing jt. ND BOPE, NU Ring gasket and B1 adapter flange. NU TIW valve. Lower floor and prep to run pump and rods.
Secure well SDFN.

8/2/2005 06:00 - 8/2/2005 18:00

Last 24hr Summary

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
SICP+ 1180#. Bleed csg down. RU H&H Wireline. RIH and rull plug from FN. RU Protechnics Spectra scan logging tools. RIH and log from 2500' to 3070'.
Pooh and retrieve data. Data was good. RD and release service companys.
RU Radigan, pumping tee and rod table. MU and RIH w/ insert pump and rods. PUMP AND ROD ASSEMBLY IS AS FOLLOWS:
2" x 1 1/4" x12' DOUBLE VALVE w/ Cal Pattern balls. 96" screened strainer nipple w/ Max stroke of 79". Set up for 64" stroke.
(3) 1 1/4" x 25' sinker bars
(118) 3/4" x 25' #54 rods
(1) 3/4" x 8' #54 pony rod
(1) 3/4" x 6' #54 pony rod
(1) 3/4" x 4' #54 pony rod
1 1/4" x 22' polished rod
Seat pump. Load tbg w. 11 bbl H2O. Pressure test tbg w/ rig pump to 500# for 10 min . Test was good. Bleed off psi. Stroke pump and pressure up to 500#.
Test was good. Stroked pump and test pumped for 12 strokes. Pump is operating properly. Left lightly stacked out and clamped. Secure well and SDFN.

8/3/2005 07:00 - 8/3/2005 12:00

Last 24hr Summary

PJSM w/ crews, Discussed days events and ways to prevent incident. Filled out and reviewed JSA.
RD Pump lines, manifold and blooie line. RD unit . PJSM w/ Dawn trucking. Load out equipment and mobilize off location to SJ 29-5 #45M.
Final report . turn over to construction group to build facility.