

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
841 South First, Artesia, NM 87210
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 March 25, 1999

WELL API NO. 30-039-27543
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-289-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG	
1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name San Juan 29-6 Unit 31326
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. SJ 29-6 Unit #239A
2. Name of Operator ConocoPhillips Company 217817	9. Pool name or Wildcat Basin Fruitland Coal 71629
3. Address of Operator 5525 Highway 64, NBU 3004, Farmington, NM 87401	

4. Well Location Unit Letter <u>P</u> : <u>745</u> Feet From The <u>South</u> Line and <u>1200</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>29N</u> Range <u>6W</u> NMPM <u>Rio Arriba</u> County					
10. Date Spudded 12/27/03	11. Date T.D. Reached 2/8/04	12. Date Compl. (Ready to Prod.) 3/8/04	13. Elevations (DF & RKB, RT, GR, etc.) 6459' GL	14. Elev. Casinghead	
15. Total Depth 3455'	16. Plug Back T.D. 3453' (?)	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By X	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Basin Fruitland Coal 3190' - 3385'					20. Was Directional Survey Made no
21. Type Electric and Other Logs Run Mud Log					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
9-5/8"	32.3#, H-40	234'	12-1/4"	150 sx Class G +	13 bbls
7"	20#, J-55	3148'	8-3/4"	515 sx 50/50/G/POZ	25 bbls

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5-1/2"	3095'	3455'	none		2-3/8"	3442'	
15.5#, J-55					4.7#, J-55		

26. Perforation record (interval, size, and number) Fruitland Coal @ .75" hole 4 spf = 160 holes 3380'-85', 3338'-43'; 3332'-34', 3326'-30', 3317'-22', 3230'-34', 3226'-28'; 3222'-21', 3217'-21', 3210'-13', 3190'-94'		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3157' - 3455' underreamed 6-1/4" hole to 9-1/2" 3157' - 3455' Surged & R&R'd w/air, mist, foamer C/O for approx. 22 days	
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28. PRODUCTION							
Date First Production not yet		Production Method (Flowing, gas lift, pumping - Size and type pump) gas lift				Well Status (Prod. or Shut-in) SI	
Date of Test 3/4/04	Hours Tested 1 hr	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 20	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure 2.5	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 492	Water - Bbl. 3 bwpd	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) vented; Test was a flowing Pitot test-						Test Witnessed By Joe McElreath	

30. List Attachments deviation survey, mud log, completion detail sundry	
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31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature Patsy Clugston	Printed Name Patsy Clugston	Title Regulatory Analyst	Date 3/9/04

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

Northeastern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2452	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 2636	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 3392	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. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
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. 2, from to
No. 3, 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
1082			Nacimiento				
2452	2636	184	Ojo Alamo - S/S & Shale				
2636	2932	296	Kirtland - S/S & shale				
2932	3375	443	FC - S/S, shale & coal				
3392			PC - Marine Sands				

END OF WELL SCHEMATIC

Well Name: San Juan 29-6 # 239A
 API #: 30-039-27543
 Location: 745' FSL & 1200' FEL
Sect 2 - T29N - R6W
Rio Arriba County, NM
 Elevation: 6459' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Spud: 27-Dec-03
 Release Drl Rig: 1-Jan-04
 Move In Cav Rig: 5-Feb-04
 Release Cav Rig: 7-Mar-04

Note - this well is equipped with rods & pump
 7-1/16" 3M x 2-3/8" EUE 8rd Bonnet
 11" 3M x 7 1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 28-Dec-03

Size 9 5/8 in
 Set at 234 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 234 ft
 TD of 12-1/4" hole 245 ft

Notified BLM @ Not Req'd hrs on _____
 Notified NMOCD @ 20:30 hrs on 23-Dec-03

Intermediate Casing Date set: 1-Jan-04

Size 7 in 76 jts
 Set at 3148 ft 1 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Csg Shoe 3148 ft
 T.O.C. SURFACE TD of 8-3/4" Hole 3157 ft
 Pup @ 2437'

Notified BLM @ Not Req'd hrs on _____
 Notified NMOCD @ 17:00 hrs on 30-Dec-04

Production Liner Date set: 5-Mar-04

Size 5 1/2 in
 Blank Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 8
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3157' to 3455'
 Btm of Liner 3455 ft
 Top of Liner 3095 ft

PBTD: 3453
 Bottom of Liner: 3455

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

Surface Cement

Date cmt'd: 28-Dec-03
 Lead : 150 sx Class G Cement
 + 2% S001 Calcium Chloride
 + 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 15.3 bbls fresh wtr
 Bumped Plug at: 04:48 hrs w/ 340 psi
 Final Circ Press: 80 psi @ 1 bpm
 Returns during job: YES
 CMT Returns to surface: 13 bbls
 Floats Held: No floats used
 W.O.C. for 6.5 hrs (plug bump to start NU BOP)
 W.O.C. for 21.0 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 1-Jan-04
 Lead : 410 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
 + 0.05 gal/sx D047 Antifoam
2.61cuft/sx, 1070.1 cuft slurry at 11.7 ppg
 Tail : 105 sx 50/50 POZ : Class G cement
 + 2% D020 Bentonite
 + 2% S001 Calcium Chloride
 + 5 lb/sx D024 Gilsonite
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.1% D046 Antifoam
1.27 cuft/sx, 133.35 cuft slurry at 13.5 ppg
 Displacement: 125.7 bbls
 Bumped Plug at: 15:23 hrs w/ 2000 psi
 Final Circ Press: 660 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 25 bbls
 Floats Held: X Yes ___ No

UNCEMENTED LINER

TD 3,455 ft

This well was cavitated.

COMMENTS:

Surface: No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe.
Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt.

Intermediate: Displaced with 20 bbls fresh water + 107.5 bbls drill water / mud. Total displacement = 127.5 bbls

Production: Ran and set the liner w/ Baker shoe and Baker Drop Off Tool (No liner hanger). Perforated 5-1/2" liner with guns on E-line
Ran 2-7/8" Mud Anchor, 2-3/8" OD (1.78" ID) F Nipple, and 2-3/8", 4.7#, J-55 EUE 8rd tubing
F-Nipple at 3415', Mud Anchor / EOT at 3442'. Ran pump and rods. Set pump in F Nipple at 3415' MD RKB.

CENTRALIZERS:

Surface: CENTRALIZERS @ 224', 146', 103', & 59'. Total: 4
 Intermediate: CENTRALIZERS @ 3138', 3063', 2980', 2897', 2814', 2731', 204', 79', & 38'. Total: 9
TURBOLIZERS @ 2648', 2607', 2566', 2524', 2483, & 2441' Total: 6