

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF078096

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: OTH			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCOPHILLIPS COMPANY			Contact: YOLANDA PEREZ E-Mail: yolanda.perez@conocophillips.com		
3. Address HOUSTON, TX 77252			3a. Phone No. (include area code) Ph: 832.486.2329		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 23 T31N R11W Mer NMP At surface SWNE 1300FNL 2300FEL At top prod interval reported below At total depth			8. Lease Name and Well No. ARCH ROCK 1		
			9. API Well No. 30-045-30040-00-S1		
			10. Field and Pool, or Exploratory WILDCAT		
			11. Sec., T., R., M., or Block and Survey or Area Sec 23 T31N R11W Mer NMP		
			12. County or Parish SAN JUAN		13. State NM
14. Date Spudded 03/07/2000		15. Date T.D. Reached 06/18/2000	16. Date Completed ☒ D & A ☐ Ready to Prod. 06/30/2000		17. Elevations (DF, KB, RT, GL)* 5881 GL
18. Total Depth: MD TVD		13510	19. Plug Back T.D.: MD TVD		7265
20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DI-POLESONICGR			22. Was well cored? ☐ No ☒ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 K-55	55.0	0	370		434		29	
12.250	9.625 L-80	47.0	0	7296		513		1073	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UNKNOWN	11550	12470				
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/30/2000	06/30/2000		→	0.0	0.0	0.0			OTHER
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		0.0	→					TA	

28a. Production - Interval B

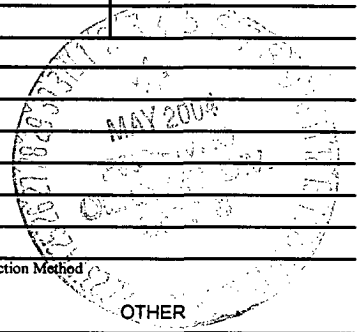
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #29309 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOCD



ACCEPTED FOR RECORD

APR 23 2004

FARMINGTON FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas/Sold, used for fuel, vented, etc.)

NO MEASURABLE GAS

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
NACIMIENTO	0	1000		NACIMIENTO	29
OJO ALAMO	1000	1028		KIRTLAND	835
				PICTURED CLIFFS	2565
				CLIFF HOUSE	4165
				MANCOS	5085
				GREENHORN	6775
				DAKOTA	6880
				MORRISON	7200
				ENTRADA	8030
				SHINARUMP	8830
				RICO	10865
				PARADOX	11550
				BARKER CREEK	12470
				MOLAS	13070

32. Additional remarks (include plugging procedure):

This well was a dry hole. Well was temporarily abandoned. Please see attached schematic for placement of cement plugs.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #29309 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Farmington

Committed to AFMSS for processing by ADRIENNE GARCIA on 04/28/2004 (04XG2306SE)

Name (please print) YOLANDA PEREZ

Title SR. REGULATORY ANALYST

Signature (Electronic Submission)

Date 04/27/2004

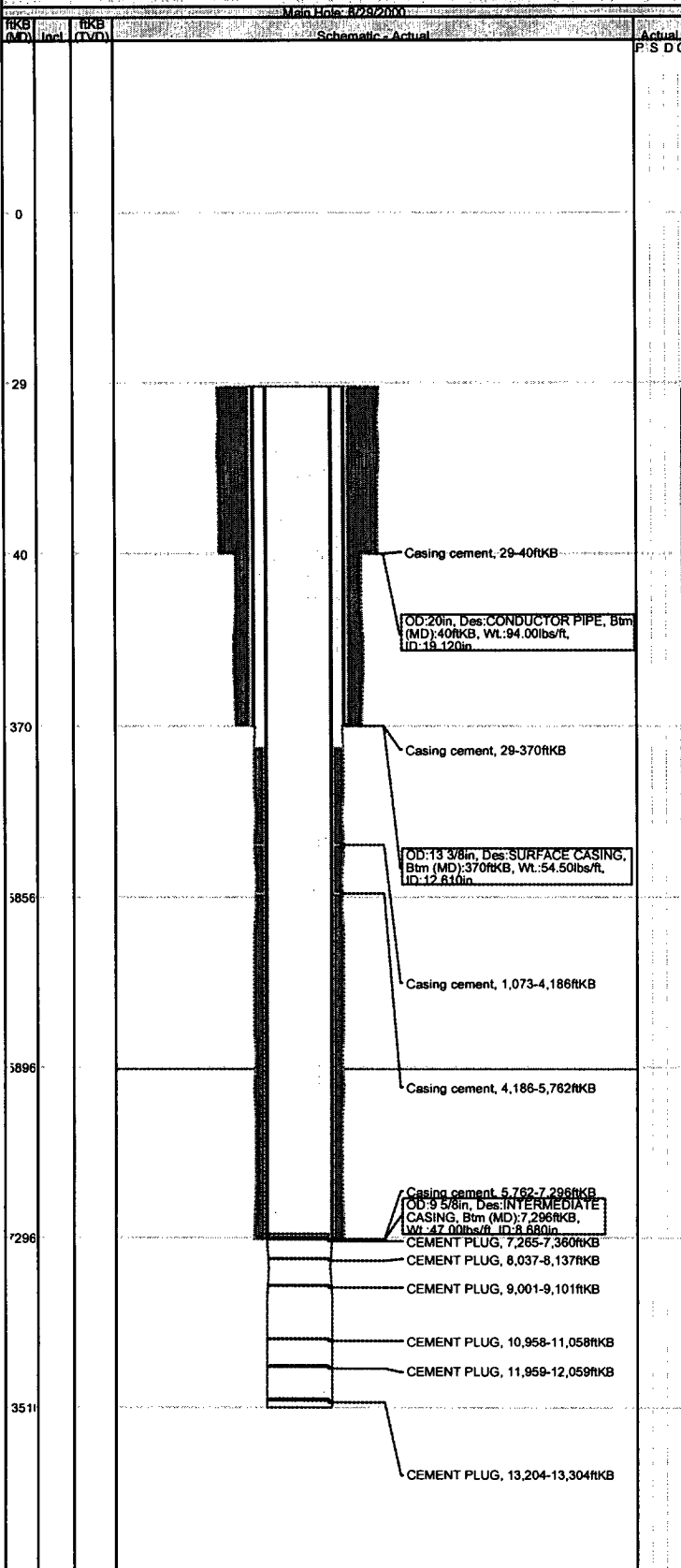
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

Complete Well Summary

ARCH ROCK 1

API/UWI 300453004000		Operator CONOCO	
Area NORTH	State/Province NEW MEXICO	KB-Grd (ft) 29.00	KB Elev (ft) 5910.00
Surface Legal Location NMPM-31N-11W-23-B		Gr Elev (ft) 5881.00	PBTD (ftKB) 7,265.0
		Spud Date 3/7/2000	Latitude (DMS) Longitude (DMS)



Formation Pick Groups: Formations		
Name	Top (ftKB)	Comment
NACIMIENTO	29.0	
OJO ALAMO	760.0	
KIRTLAND	835.0	
FRUITLAND	2,130.0	
PICTURED CLIFFS	2,565.0	
LEWIS	2,720.0	
CLIFF HOUSE	4,165.0	
MENEFEE	4,355.0	
POINT LOOKOUT	4,785.0	
MANCOS	5,085.0	
NIOBRARA	6,095.0	
GREENHORN	6,775.0	
GRANEROS	6,825.0	
DAKOTA	6,880.0	
BURRO CANYON	7,150.0	
MORRISON	7,200.0	
BLUFF	7,730.0	
TODILTO	8,000.0	
ENTRADA	8,030.0	
CHINLE	8,430.0	
SHINARUMP	8,630.0	
DE CHELLY	8,930.0	
CUTLER	9,080.0	
RICO	10,855.0	
HONAKER TR	11,080.0	
PARADOX	11,550.0	
ISMAY	11,800.0	
DESERT CREEK	12,090.0	
AKAH	12,270.0	
BARKER CREEK	12,470.0	
ALKALI GULCH	12,760.0	
PINKERTON TR	12,920.0	
MOLAS	13,070.0	
LEADVILLE	13,175.0	
OURAY	13,350.0	
BASEMENT PRECAMBRIAN	13,455.0	

Wellbores: Main Hole				
Hole API #	Bottom Hole Legal Location	Profile Type	KO MD (ftKB)	VS Dir (*)
Size (in)	Top (ftKB)	Btm (ftKB)		
22	29.0	40.0		
17 1/2	40.0	370.0		
12 25/32	370.0	7,296.0		
8 1/2	7,296.0	13,510.0		

Casing: CONDUCTOR PIPE, 40.0ftKB				
Run Date	Centralizers	Scratchers	Drift Min	
3/7/2000				
OD (in)	Item Des	Btm (ftKB)	Jts	ID (in)
20	CASING	40.0		19.120
Wt (lb/ft)	Grade	Top Thread		
1,034.4				

Casing: SURFACE CASING, 370.0ftKB				
Run Date	Centralizers	Scratchers	Drift Min	
3/9/2000				
OD (in)	Item Des	Btm (ftKB)	Jts	ID (in)
13 3/8	CASING	370.0	9	12.610
Wt (lb/ft)	Grade	Top Thread		
18,590.8	K-55	BTC		

Casing: INTERMEDIATE CASING, 7,296.0ftKB				
Run Date	Centralizers	Scratchers	Drift Min	
5/1/2000				
OD (in)	Item Des	Btm (ftKB)	Jts	ID (in)
9 5/8	CASING	5,856.0	140	8.680
9 5/8	CASING	5,896.0	1	8.680
9 5/8	CASING	7,296.0	35	8.680
Wt (lb/ft)	Grade	Top Thread		
273,962.6	L-80	BTC		
1,880.6	L-80	XO		
65,822.5	L-80	LTC		

Cement: CONDUCTOR PIPE CEMENT, casing, 3/7/2000 10:00				
Cementing Company	Evaluation Method	Cement Evaluation Results		
Stg No.	Description	Top (ftKB)	Btm (ftKB)	Full Return
1		29.0	40.0	No
Type	Class	Art (sacks)	Yield (ft³/sack)	Mix H2O Ratio (gal/sack)
		50		V (bbl)
Fluid Des				

Cement: SURFACE CASING CEMENT, casing, 3/9/2000 10:00				
Cementing Company	Evaluation Method	Cement Evaluation Results		
Stg No.	Description	Top (ftKB)	Btm (ftKB)	Full Return
1		29.0	370.0	No
Type	Class	Art (sacks)	Yield (ft³/sack)	Mix H2O Ratio (gal/sack)
		434		V (bbl)
Fluid Des				

Cement: INTERMEDIATE CASING CEMENT, casing, 5/1/2000 10:00				
Cementing Company	Evaluation Method	Cement Evaluation Results		
Stg No.	Description	Top (ftKB)	Btm (ftKB)	Full Return
1		5,762.0	7,296.0	No
Type	Class	Art (sacks)	Yield (ft³/sack)	Mix H2O Ratio (gal/sack)
		513		V (bbl)
Fluid Des				

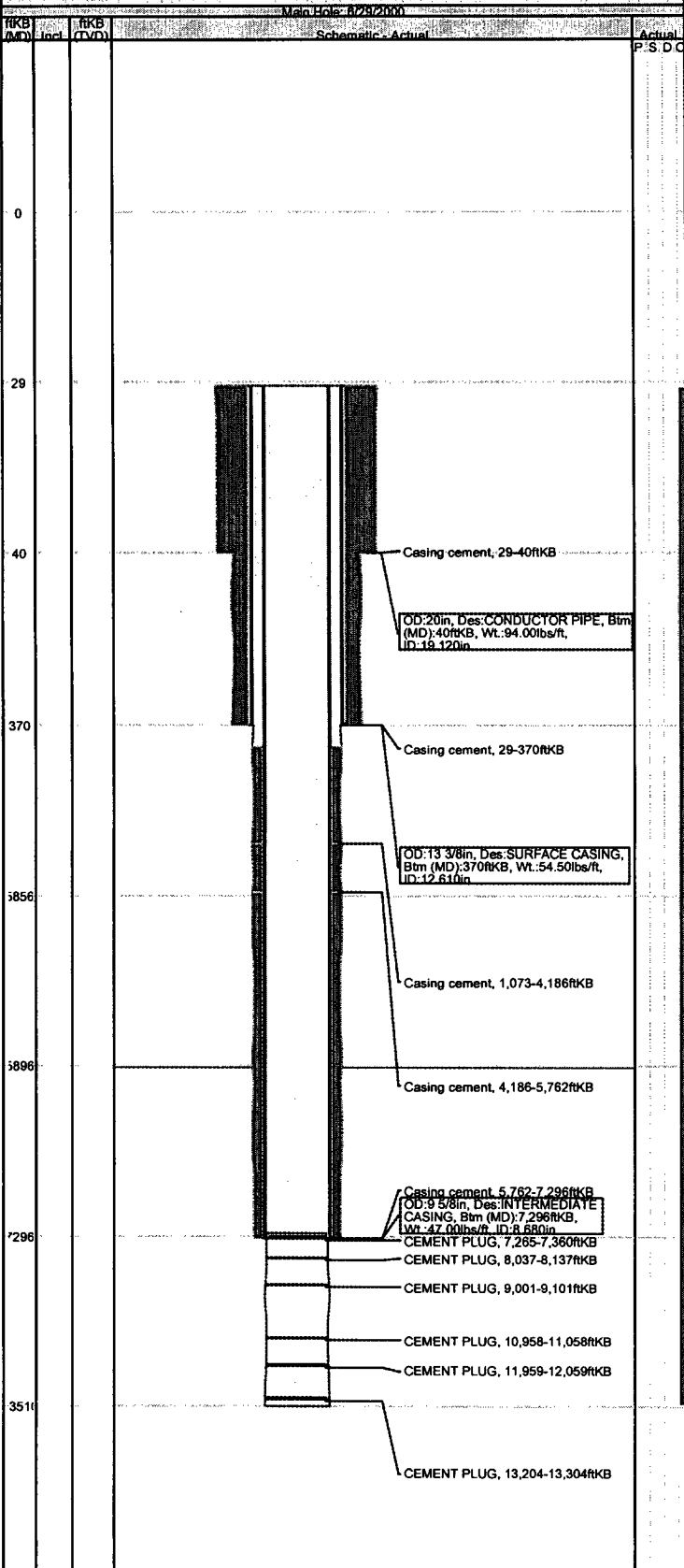
Data last updated on: 10/30/2002 10:30 AM GMT

Printed on: Tuesday, April 27, 2004

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Complete Well Summary

ARCH ROCK 1



Stg No.	Description	Top (ftKB)	Btm (ftKB)	Full Return
2		4,186.0	5,762.0	No
Stg No.	Description	Top (ftKB)	Btm (ftKB)	Full Return
3		1,073.0	4,186.0	No

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description	Top (ftKB)		Btm (ftKB)	Full Return	
1	CEMENT PLUG	7,265.0		7,360.0	No	
Type	Class	Art (sacks)	Yield (ft ³ /sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description			Top (ftKB)	Btm (ftKB)	Full Return
1	CEMENT PLUG			13,204.0	13,304.0	No
Type	Class	Art (sacks)	Yield (ft³/sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description	Top (ftKB)		Btm (ftKB)	Full Return	
1	CEMENT PLUG	9,001.0		9,101.0	No	
Type	Class	Art (sacks)	Yield (ft ³ /sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description			Top (ftKB)	Btm (ftKB)	Full Return
1	CEMENT PLUG			11,959.0	12,059.0	No
Type	Class	Art (sacks)	Yield (ft ³ /sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description			Top (ftKB)	Btm (ftKB)	Full Return
1	CEMENT PLUG			10,958.0	11,058.0	No
Type	Class	Art (sacks)	Yield (ft ³ /sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Cement: CEMENT PLUG, plug, 6/29/2000 00:00

Cementing Company		Evaluation Method		Cement Evaluation Results		
Stg No.	Description			Top (ftKB)	Btm (ftKB)	Full Return
1	CEMENT PLUG			8,037.0	8,137.0	No
Type	Class	Art (sacks)	Yield (ft ³ /sack)	Mix H2O Ratio (gal/sack)	V (bbl)	Fluid Des
CEMENT PLUG						

Zones

Zone	Top (ftKB)	Btm (ftKB)	API #	Zone Lic No.	Cur Stat Date	Current Status
Producing Zone	0.0					

Directional Surveys

Date	Des	Src Comp
	Main Hole	

Cores

Type	Top (ftKB)	Btm (ftKB)	Recov (ft)	Hole
	29.0	13,510.0	0.0	Main Hole

Data last updated on 10/30/2002 10:30 AM GMT

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