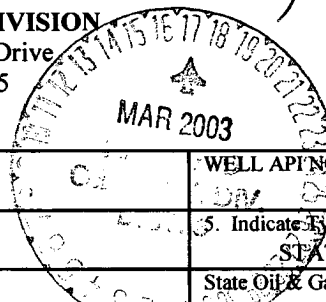


District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505



WELL API NO.	30-045-07983
5. Indicate Type of Lease	STATE FEE <input checked="" type="checkbox"/>
State Oil & Gas Lease No.	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL GAS WELL <input checked="" type="checkbox"/> DRY OTHER		7. Lease Name or Unit Agreement Name  Crawford Gas Unit B	
b. Type of Completion: NEW WELL WORK OVER PLUG BACK DIFF. RESVR <input checked="" type="checkbox"/> OTHER		8. Well No. 1	
2. Name of Operator BP America Production Company		9. Pool name or Wildcat Otero Chacra	
3. Address of Operator P.O. Box 3092 Houston, TX 77253 Attn: Cherry Hlava			
4. Well Location Unit Letter L 810 Feet From The West Line and 1450 Feet From The South Line Section 12 Township 28N Range 12W NMPM San Juan County			
10. Date Spudded 10/01/1961	11. Date T.D. Reached 10/14/1961	12. Date Compl. (Ready to Prod.) 03/05/2003	13. Elevations (DF& RKB, RT, GR, etc.) 5629 GR'
14. Elev. Casinghead			
15. Total Depth 6356'	16. Plug Back T.D. 6314' 100	17. If Multiple Compl. How Many None	18. Intervals Drilled By Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5922' - 6034' Basin Dakota Chacra 2660-2776			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR, CBL & CCL			22. Was Well Cored NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	22.7#	290'	12 1/4"	250 SXS	
4 - 1/2" J-55	10.5#	6356'	7 7/8"	675 SXS	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8"	2766'

26. Perforation record (interval, size, and number) 2660' - 2664' W/1 JSPF, 3.125 in diameter, 14 holes 2760' - 2776' W/4 JSPF, 3.125 in diameter, 16 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 2880' - 2881' 4 JSPF holes w/3.125" gun 2510' - 2511 4 JSPF holes w/3.125" gun 2660' - 2664' 70q foam & 46,700# 16/30 Brady Snd. 2760' - 2776' 5 bbls 4% KCL wtr, followed w/12 bbls 15%
---	--

PRODUCTION

Date First Production 03/05/03		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 03/04/03	Hours Tested 24	Choke Size 1/4"	Prod'n For Test Period	Oil - Bbl trace	Gas - MCF 150	Water - Bbl. Trace	Gas - Oil Ratio --
Flow Tubing Press. 45#	Casing Pressure N/A	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 150	Water - Bbl.	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD						Test Witnessed By	

30. List Attachments C-104 reported tbg @ 2770'. Actual tbg depth is 2766'. C-104 reported perfs 2660' to 2781'. Actual perfs are 2660' to 2776'. See attached explanation of squeeze & frac amounts.			
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 Cherry Hlava	Printed Name Cherry Hlava	Title Regulatory Analyst	Date 03/13/2003

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.

## Southeastern New Mexico

T. Anhy_____	T. Canyon_____
T. Salt_____	T. Strawn_____
B. Salt_____	T. Atoka_____
T. Yates_____	T. Miss_____
T. 7 Rivers_____	T. Devonian_____
T. Queen_____	T. Silurian_____
T. Grayburg_____	T. Montoya_____
T. San Andres_____	T. Simpson_____
T. Glorieta_____	T. McKee_____
T. Paddock_____	T. Ellenburger_____
T. Blinebry_____	T. Gr. Wash_____
T. Tubb_____	T. Delaware Sand_____
T. Drinkard_____	T. Bone Springs_____
T. Abo_____	T. _____
T. Wolfcamp_____	T. _____
T. Penn_____	T. _____
T. Cisco (Bough C)	T. _____

## Northwestern New Mexico

T. Ojo Alamo <u>N/A</u>	T. Penn. "B" _____
T. Kirtland-Fruitland <u>N/A</u>	T. Penn. "C" _____
T. Pictured Cliffs <u>1673 - 1832</u>	T. Penn. "D" _____
Lewis Shale <u>1832 - 3195</u>	T. Leadville _____
Mesaverde <u>3195-4392</u>	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos <u>4392 - 5284</u>	T. McCracken _____
T. Gallup <u>5284 - 6020</u>	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	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

(Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

# Operations Summary Report

**2/19/03** SET CIBP @ 6100'. PRESSURE TEST CIBP, CSG, BOP's TO 540# HELD OK.

**2/20/03** RU & RAN GR & CBL OVER CHACRA. NO CMT BOND IN THIS AREA. CALLED J. PAPAGEORGE & BILL REDMOND, SHOOT 4 SQUEEZE HOLES @2880' KBM, DRLG MUD ON WL SQ. GUNS, TRY PMP WTR IN TO SQZ HOLES, PRESS UP TO 700# w/RIG PMP, NO RATE, SLOW BLEED OFF, SHOOT 4 SQZ HOLES @2510' R/D WL, M/U 4 1/2" SQZ RETAINER ON TBG. TIH & SET CMT SQZ RETAINER @2850'. SDFN

**2/21/03** ATTEMPT TO CIRC THRU TBG STUNG INTO CMT RETAINER SA 2850' THRU SQZ HOLES @2880' & 2510', CIRC ESTABLISHED & THEN LOST CIRC AFTER PMP WTR SHORT TIME, STING OUT OF RETAINER, SPOT CMT @ END OF TBG, SQZ BTM PERFS BELOW RETAINER w/10 BBLS SLURRY, SQZ PRESS = 1000#, STING OUT OF RETAINER & TOH & L/D STINGER, TIH TBG OPEN ENDED, SPOT 10 BBLS CMT SLURRY BALANCED PLUG @ 2520', TOH TBG, CLOSE RAMS, PRESSURE UP & SQZ 9 BBLS SLURRY INTO TOP SQZ HOLES & GOT PRESSURE UP TO 950 PSI, SI WELL w/950 PSI, R/D CEMENTERS. SDF WEEKEND.

**2/24/03** TIH & TAG CMT @ 2139' P/U PWR SWIVEL, CIRC w/WTR, DRILL CMT STRINGERS TO 2485', DRL GOOD CMT FROM 2485' TO 2528', CIRC HOLE CLEAN, PRESSURE TST SQZ HOLES @ 2510' TO 525 PSI, HELD GOOD. CONT CLEAN & L/D P. SWIVEL, PULL 8 JTS TBG & SDFN.

**2/25/03** TIH & TAG CMT @2670', P/U PWR SWIVEL CIRC w/WTR, CONT DRILL CMT 2670' TO CMT SQZ RETAINER SA 2850'. DRILL SQZ RETAINER & CONT DRILL SOLID CMT TO 2883' & FELL FREE, CIRC HOLE CLEAN & CLOSE PIPE RAMS & PRESSURE TEST BTM SQZ PERF HOLES @2880' TO 550# w/RIG PMP & HELD OK, L/D P. SWIVEL & POH w/5 STAND TBG, SDFN.

**2/26/03** R/U WIRELINE & PERF CHACRA w/ 3 1/8" CSG GUNS @ 2660' TO 2664' 14 TOTAL HOLES, 0.40" HOLES & PERF 2760' - 2776' w/TOTAL OF 16 .40" HOLES W/DP 22 GRAM CHARGE, R/D WL, SPOT FLOAT w/ 2 7/8", 6.4#N-80, BTC TBG. PU 4 1/2" RBP & PKR, SLM, RABBIT & TIH PICKING UP 2 7/8", 6.4#, N-80 BUTTRESS THREAD FRAC TBG STRING, TO 1300', SDFN.

**2/27/03** FINISHED RIH RBP & PKR & P/U 2 7/8" FRAC STRING TBG, CIRC CLEAN w/4% KCL WTR, SET RBP @2827', PULL-PKR UP HOLE & SET PKR @ 2696' BREAK DN PERFS @ 2760' TO 2776', w/5 BBLS KCL WTR & 500 GAL 15% HCL, DISPLACE ACID w/16 BBLS KCL, FLUID COMMUNICATING w/TOP PERFS @2660' TO 2664', PULL PKR UP HOLE & RE-SET PKR AT 2602', BREAK DN PERFS @ 2660' TO 2664' w/5 bbls 4% KCL WTR & 500 GAL 15% HCL, DISPLACE ACID w/14.3 bbls 4% KCL, PERFS BROKE DN @ 1300 PSI, ISIP=806#, PRESS @ 0# IN 10 MIN, REL PKR, RIH TBG, & RELEASE RBP, TOH, M/U NEW 4 1/2" PKR & TIH w/ 2 7/8", 6.4#, N-80, BUTTRESS THREAD, R/U STINGER HUDRALIC VALVE, SET PKR @ 2606', KBM, N/U STINGER HYD. VALVE TO TOP OF BOP's, SDFN.

**2/28/03** SET PKR 2606'. R/U & FOAM FRAC CHACRA w/70 q CLEAR FRAC FOAM & 42,863# 16/30 BRADY SND. W/N2 & TTL OF 277 bbls 4% KCL WTR, STAGE SND FROM 1 PPG THRU 5 PPG, FLUSHED TO TOP PERF w/ 15.5 bbls 4% KCL WTR. AVG PRESS WAS 2796 PSI, MAX TREATING PRESS = 3570#, AVG RATE=19.3 BPM, MAX INJECTION RATE = 28.1 BPM, ISIP=1430#, SI RD FRAC EQUIP. TEST WELL CHACRA.

**3/3/03** TIH & SET CIBP @ 2590. TOH LAY DN 2 7/8" BUTTRESS, RU & TIH w/MILL & TBG TO 2850'. TAG NOTHING, TOH TO 2400'. FLW WELL.

**3/5/03** TIH & LAND TBG @ 2766'. RU & PULL PLUGS. RD

Well has a CIBP @ 6100' and at this time is producing from the Chacra only. 3/13/2003