

**State of New Mexico**  
**Energy, Minerals and Natural Resources**

**OIL CONSERVATION DIVISION**

1220 South St. Francis Drive

Santa Fe, NM 87505

WELL API NO.

**30-045-24011**

5. Indicate Type of Lease

STATE FEE **XX**

State Oil &amp; 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 WELL WORK OVER PLUG BACK DIFF. RESVR ☒ OTHER

7. Lease Name or Unit Agreement Name

**Crawford Gas Com B**

2. Name of Operator

**BP America Production Company**

8. Well No.

**1E**

3. Address of Operator

**P.O. Box 3092 Houston, TX 77253 Attn: Cherry Hlava**

9. Pool name or Wildcat

**Otero Chacra**

4. Well Location

Unit Letter **J** **1520** Feet From The **South** Line and **1520'** Feet From The **East** Line  
 Section **24** Township **29N** Range **12W** NMPM **San Juan** County

10. Date Spudded

**1/10/1980**

11. Date T.D. Reached

**1/24/1980**

12. Date Compl. (Ready to Prod.)

**6/11/2003**

13. Elevations (DF&amp; RKB, RT, GR, etc.)

**5632 GR'**

14. Elev. Casinghead

15. Total Depth

**6395'**

16. Plug Back T.D.

**6369'**

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

**2700' - 2844' Otero Chacra**

20. Was Directional Survey Made

**NO**

21. Type Electric and Other Logs Run

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
<b>8 5/8"</b>	<b>24#</b>	<b>306'</b>	<b>12 1/4"</b>	<b>315</b>	<b>10 sx</b>
<b>4 - 1/2"</b>	<b>11.6#</b>	<b>6395'</b>	<b>7 7/8"</b>	<b>900</b>	<b>-----</b>

**24. LINER RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

**25. TUBING RECORD**

SIZE	DEPTH SET	PACKER SET
<b>2 3/8"</b>	<b>1326'</b>	
	<b>2848'</b>	

26. Perforation record (interval, size, and number)

**2700' - 2844' W/3 JSPF, 3.125 in diameter, 48 holes**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

**2700' - 2844'****Frac w/500 gals of HCL acid & 58,534#****16/30 Brady Sand & 70 % nitrogen****28. PRODUCTION**

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Electric Pump				Shut-in	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6/9/03	24	1/4"		trace	2500 mcf d	2 bbls	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
N/A	525 psi						

12 13 14 15 16 17 18 19 20 21 22

JUN 2003

RECEIVED

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

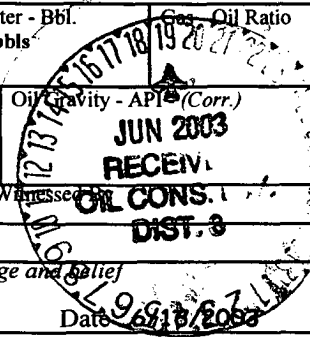
**SOLD CIBP Over Dakota Well Producing from Otero Chacra Only**

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 **Cherry Hlava** Printed Name **Cherry Hlava** Title **Regulatory Analyst** Date **6/11/2003**



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. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinebry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. Drinkard \_\_\_\_\_  
T. Abo \_\_\_\_\_  
T. Wolfcamp \_\_\_\_\_  
T. Penn \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

## Northwestern New Mexico

T. Ojo Alamo	380
T. Kirtland-Fruitland	580
T. Pictured Cliffs	1700
T. Cliff House	3250
T. Menefee	3510
T. Point Lookout	4080
T. Mancos	4250
T. Gallup	5325
Base Greenhorn	6155
T. Dakota	6180
T. Morrison	
T. Todilto	
T. Entrada	
T. Wingate	
T. Chinle	
T. Permian	
T. Penn "A"	

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Otzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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## 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

**CRAWFORD GAS COM B 1E**  
**SUBSEQUENT REPORT**  
**06/12/2003**

**5/31/03 SPOT & LEVEL RIG, SPOT IN EQUIPMENT. SD FOR WEEKEND.**

**6/2/03 CSG 700 psi, TBG 10 psi, BH 0 psi. NDWH NP BOP's. TOH w/TBG. TIH w/TBG & SCRAPER. SDON.**

**6/3/03 TOH w/TBG & SCRAPER, TIH w/CIBP & SET @ 6100'. TST CSG TO 300 psi, HELD 5 MIN, GOOD TEST. TIH w/2<sup>nd</sup> CIBP, STARTED DRAGGING @ 2000', CIBP PREMATURALLY SET, RELEASE PLUG,**

**6/4/03 PU & MILL CIBP. TIH & PUSH PLUG TO 3300'. TOH. TIH w/ 3.125" GUN & PERF CHACRA 2700' - 2844' w/3 JSPM TOTAL 48 SHOTS. SDON.**

**6/5/03 TIH & SET PKR @ 1503'. FRAC CHACRA w/500 GALS. OF HCL ACID, FOLLOWED w/58,534# of 16/30 SND; PMP w/70 % N2 FOAM. AV PRESS 2369 psi, AV RATE 27.8 bpm, AV HP 739.2, AT 35 bpm TOTAL. JOB WENT SMOOTH UNTIL WE HAD ABOUT 20% OF THE 4 lb SND IN WELL, THEN BLENDER & PMP TRUCKS LOST PRIME. START POUNDING THE TBG STICKING UP ABOVE THE BOP's. SLOWED ALL RATES DN; COULD NOT GET REPRIMED, SWITCHED TO FLUSH w/NITROGEN, SI w/1700 psi, RD. RU FLW BACK LINE, OPEN TO FLW TNK w/ 1550 psi ON 1/4" CK. WELL STARTED FLOWING @ 27 BPH, TRACE OF SND. FLW TO TNK @ 15:00 hrs AT 1025 psi MAKING 27 BPM, TRACE OF SND, 06:00 hrs DN TO 600 psi ON 1/4" CK, MAKING 9 BPH WTR w/TRACE OF SAND, RECOVERED 297 bbls IN 15 hrs FLW.**

**6/6/03 @12:00 MAKING 27 bbls WTR hr @ 525 psi ON 1/4" CK. 1/2" CK FLW 285 psi MAKING 8 BPH, NO SND.**

**6/7/03 FLW TEST ON 2" LINE @ 25 psi (2.5 MMCF P/DAY), MAKING 2 BPH WTR, NO SND.**

**6/8/03 FLW TEST CHACRA TO TNK.**

**6/9/03 PMP 55 bbls WTR TO KILL WELL, TOH w/PKR & FRAC TUBING. TIH & LAND TBG @ 2848'. CIRC OUT 3 bbls WTR, NO SND. FLW WELL. SD OVERNIGHT.**

**6/10/03 RD NDBOP's NU WH. LOAD & TEST TBG w/AIR TO 500 PSI. HELD 5 MIN. GOOD TEST, BLW DN TBG. RD EQUIP. MO LOCATION.**