Form C-105
Revised 10-1-78

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease: State [ ] Fee [X]
5. State Oil & Gas Lease No.:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER

7. Unit Agreement Name:
8. Farm or Lease Name: Hartley, 8609 JV-P
9. Well No.: 1
2. Name of Operator: BTA OIL PRODUCERS
10. Field and Pool, or Wildcat: King (Wolfcamp)
3. Address of Operator: 104 South Pecos Midland, Texas 79701
4. Location of Well: UNIT LETTER I LOCATED 1650 FEET FROM THE South LINE AND 330 FEET FROM THE East LINE OF SEC. 26 TWP. 13-S RGE. 37-E NMPM
12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Cashinghead
12-4-86	1-16-87	4-27-87	3,856' GR 3,870' RKB	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
12,670	10,110		→	12,670	

24. Producing Interval(s), of this completion — Top, Bottom, Name: 9,332' - 9,365' (Wolfcamp)
25. Was Directional Survey Made: No
26. Type Electric and Other Logs Run: DLL/BHC-Sonic
27. Was Well Cored: No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	400'	17-1/2"	450 sx - Circ.	--
8-5/8"	24 & 32#	4700'	11"	1500 sx - Circ.	
5-1/2"	17 & 20#	12670'	7-7/8"	2000 sx - TOC @ 3500'	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	10,056	--

31. Perforation Record (Interval, size and number): 9,332' - 9,365' 1 SPF 32 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9,332'-9,365'	A w/18,000 gal + ball sealers

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping — Size and type pump)	Well Status (Prod. or Shut-in)
4-27-87	Pumping 2" X 1-1/2" X 34'	Prod.

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Gas — Oil Ratio
4-29-87	24			72	48	47	670

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil — Bbl.	Gas — MCF	Water — Bbl.	Oil Gravity — API (Corr.)
--	--		72	48	47	38°

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By: Ray Hardy

35. List of Attachments: C-104, Inclination, Logs previously furnished 4/28/87

36. *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.*

SIGNED Dorothy Houghton TITLE Regulatory Supervisor DATE 5/1/87

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 30 through 34 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	2239	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt		T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt		T. Atoka	11,676	T. Pictured Cliffs		T. Penn. "D"	
T. Yates	3156	T. Miss	11,870	T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian	12,280	T. Menefee		T. Madison	
T. Queen		T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg		T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4583	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta	6070	T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb	7350	T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp	9367	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 9332 to 9365 No. 4, from ..... to .....

No. 2, from ..... to ..... No. 5, from ..... to .....

No. 3, from ..... to ..... No. 6, 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. .....

No. 4, from ..... to ..... feet. .....

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
-0-	2190	2190	Red beds & Anhydrite				
2190	4575	2385	Salt, anhydrite, lime				
4575	7490	2915	Dolomite				
7490	9347	1857	Shale, dolomite, chert				
9347	12304	2957	Shale, lime, chert				
12304	12670	366	Dolomite				

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