

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.	30-025-30855
5. Indicate Type of Lease	STATE ☐ FEE ☒
6. State Oil & Gas Lease No.	N/A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Howard Fleet
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐	
2. Name of Operator American Exploration Company	8. Well No. 5
3. Address of Operator 2100 NCNB Center, Houston, Texas 77002	9. Pool name or Wildcat King Penn

4. Well Location Unit Letter <u>I</u> : <u>2250</u> Feet From The <u>South</u> Line and <u>600</u> Feet From The <u>East</u> Line Section <u>35</u> Township <u>13S</u> Range <u>37E</u> NMPM <u>Lea</u> County

10. Date Spudded 6/03/90	11. Date T.D. Reached 7/08/90	12. Date Compl. (Ready to Prod.) 8/06/90	13. Elevations (DF& RKB, RT, GR, etc.) 3843.5 GR	14. Elev. Casinghead
15. Total Depth 10,915	16. Plug Back T.D. 10,904	17. If Multiple Compl. How Many Zones? N/A	18. Intervals Drilled By Rotary Tools Yes Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 10,794-802, 10,802-824 10,854-856, 10,858-866, 10,868-				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run 10,505-82', 10,612-73', 10,705-29' DLL/MLL/L-Density/GR/N/Acoustic Logs				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
13-3/8	54.5	415'	17-1/4"	500 sx. Class "C"	
8-5/8	32#	4525	11"	1400 sx. Pacesetter Lt.	
				+ 200 sx. Class "C"	
5-1/2	17#	10,915	7-7/8	1315 sx. Class H	
				+320 sx. Pacesetter Lt. + 200	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	10,400	10,400

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
10,505-82' (2 SPF)	10,794-802' (2 SPF)	10,794-874	2,000 gals. 15% NEFE		
10,612-73' (2 SPF)	10,802-824' (2 SPF)	10,500-10,730	4,000 gals. 15% NEFE Acid		
10,705-29' (2 SPF)	10,854-856' (2 SPF)		+ 2% KCL H2O		
	10,858-866' (2 SPF)				

28. 10,868-874' PRODUCTION							
Date First Production 8/8/90	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping	Well Status (Prod. or Shut-in) Producing					
Date of Test 8/12/90	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 129	Gas - MCF 150	Water - Bbl. 100	Gas - Oil Ratio 1.163
Flow Tubing Press.	Casing Pressure PIP 147	Calculated 24-Hour Rate	Oil - Bbl. 129	Gas - MCF 150	Water - Bbl. 100	Oil Gravity - API - (Corr.) 42.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By
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30. List Attachments

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 Marty B. McClanahan Printed Name Marty B. McClanahan Title Sr. Prod. Analyst Date 8/14/90

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

T. Anhy 2150
 T. Salt 2345
 B. Salt 3144
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres 4525
 T. Glorieta _____
 T. Paddock _____
 T. Blinbry _____
 T. Tubb 7330
 T. Drinkard _____
 T. Abo 8002
 T. Wolfcamp _____
 T. Penn 10,500
 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 _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 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 _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

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
0	904		Red Bed				
904	1800		Red Bed & Salt				
1800	1901		Red Bed & Anhydrite				
			Stringers				
1901	2370		Anhydrite				
2370	2857		Anhydrite & Salt				
2857	3144		Salt & Anhydrite				
			Stringers				
3144	4567		Anhydrite & Salt				
4567	4591		Shale & Anhydrite				
4591	6790		Shale & Anhydrite				
6790	6978		Lime				
6978	9410		Dolomite, trace chert				
9410	10915		Dolomite				
		T.D.	10,915				

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED