

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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OCT 02 1985
BUREAU OF LAND MANAGEMENT
FARMING OF LAND MANAGEMENT
RESOURCE MANAGEMENT

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NM 5004-State	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME SF-07848-Federal	
2. NAME OF OPERATOR ARCO Oil and Gas Company, a Division of Atlantic Richfield Company				7. UNIT AGREEMENT NAME ---	
3. ADDRESS OF OPERATOR P. O. Box 5540, Denver, Colorado 80217				8. FARM OR LEASE NAME Hammond	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 790' FNL & 1410' FEL, Section 34-T27N-R8W At proposed prod. zone Approximately the same				9. WELL NO. #3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE Blanco, New Mexico 20 miles southeast				10. FIELD AND POOL, OR WILDCAT Blanco-Mesaverde Mesaverde	
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 790'		18. NO. OF ACRES IN LEASE 1280		17. NO. OF ACRES ASSIGNED TO THIS WELL E 320 acres	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3500'		19. PROPOSED DEPTH 4885'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6280' GL				22. APPROX. DATE WORK WILL START When approved	
23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED PROPOSED CASING AND CEMENTING PROGRAM AND GENERAL REQUIREMENTS. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
12-1/4"	8-5/8"	24#	500'	Cmt to surf w/400 ft ³ cmt	
7-7/8"	5-1/2"	15.50#	T.D.	Cmt to surf in two stages: 1st stage: TD - 2450' Cmt w/550 ft ³ cmt. 2nd stage: 2450' - surf Cmt to surf w/490 ft ³ cmt	

Propose to drill to a depth sufficient to fully evaluate this well within the Mesaverde formation. Attachments are as follows:

1. Certified Location Plat
2. Drilling Plan with attachments.
3. Surface Use Plan with attachments.

For any questions regarding this permit, please contact Suzanne Barnes within ARCO's Drilling Engineering Group at (303) 293-1077.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <i>[Signature]</i> TITLE Operations Manager DATE 10/1/85	
(This space for Federal or State Use)	
PERMIT NO. _____	APPROVAL DATE _____
APPROVED BY _____ TITLE _____	
CONDITIONS OF APPROVAL, IF ANY: OIL CON. DIV. DIST. ?	
OCT 30 1985	
APPROVED AS AMENDED OCT 24 1985 (230.) M. MILLENBACH M. MILLENBACH AREA MANAGER	

*See Instructions On Reverse Side

RECEIVED

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-85

OIL COMMISSION

All distances must be from the outer boundaries of the Section.

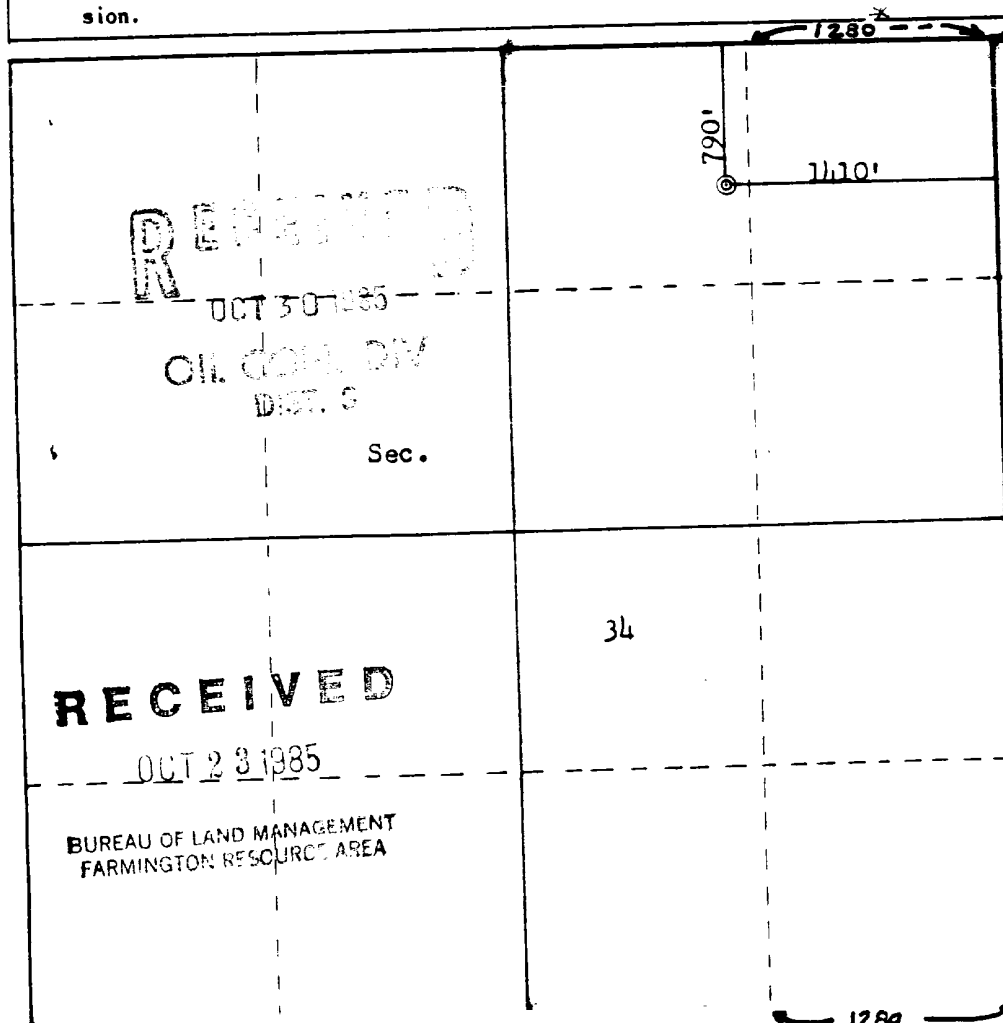
Operator ARCO OIL & GAS COMPANY		Lease HAMMOND		Well No. 3
Unit Letter B	Section 34	Township 27N	Range 8W	County San Juan
Actual Footage Location of Well: 790 feet from the North line and 1410 feet from the East line				
Ground Level Elev. 6280	Producing Formation Mesa Verde	Pool Blanco Mesaverde	Dedicated Acreage: 311 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name L. B. Morse
Position Operations Manager
Company ARCO Oil & Gas Company
Date 10/1/85

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed August 21, 1985
Registered Professional Engineer and Land Surveyor
Fred E. Kerr Jr.
Certificate No. 3950

