

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

30-039-23532

FILED DESIGNATION AND SERIAL NO.
30-40637

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. UNIT AGREEMENT NAME	
2. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. FARM OR LEASE NAME	
3. NAME OF OPERATOR Amoco Production Company			Oso Canyon Federal A	
4. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, NM 87401			9. WELL NO. 1	
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1660' FNL X 1790' FWL At proposed prod. zone Same			10. FIELD NO./POOL, OR WILDCAT Undesignated Gallup/ Undesignated Dakota	
6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 2 miles northeast of Lindrith, NM			11. SEC., T., R., M., OR BLE. F SE/NW Sec. 14, T24N, R2W	
12. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 1660'		13. NO. OF ACRES IN LEASE 320		14. NO. OF ACRES ASSIGNED TO THIS WELL 40/40
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 2000' N		16. PROPOSED DEPTH 8100'		17. ROTARY OR CABLE TOOLS Rotary
18. ELEVATIONS (Show whether DF, RT, GR, etc.) 7321' GR			19. APPROX. DATE WORK WILL START* As soon as permitted	
20. "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative appeal pursuant to 30 CFR 290.				

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#, K-55	300'	372 ft. ³ Class B Neat w/2% CaCl ₂
7-7/8"	5-1/2"	15.5#, K-55	8100'	1st Stage: 490 ft. ³ Class B 50:50 poz w/118 ft. ³ Class B Neat tail in. 2nd Stage: 1390 ft. ³ Class B 65:35 poz w/118 ft. ³ Class B tail in.

Amoco proposes to drill the above well to further develop the Undesignated Gallup and Undesignated Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to Northwest Pipeline under contract No. 108394.

IN A CASE WHERE THE PROPOSED PROGRAM 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.

SIGNED <u>BDSHaw</u> Administrative Supervisor		<div style="border: 2px solid black; padding: 10px; display: inline-block;"> APPROVED AS AMENDED AUG 13 1984 JOHN S. McKEE AREA MANAGER FARMINGTON RESOURCE AREA </div>
PERMIT NO. _____ APPROVAL DATE _____		
APPROVED BY _____ TITLE _____		
CONDITIONS OF APPROVAL, IF ANY: _____		

RECEIVED
 AUG 16 1984
 OIL CON. DIV.
 DIST. 3

NMOCC

*See Instructions On Reverse Side

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

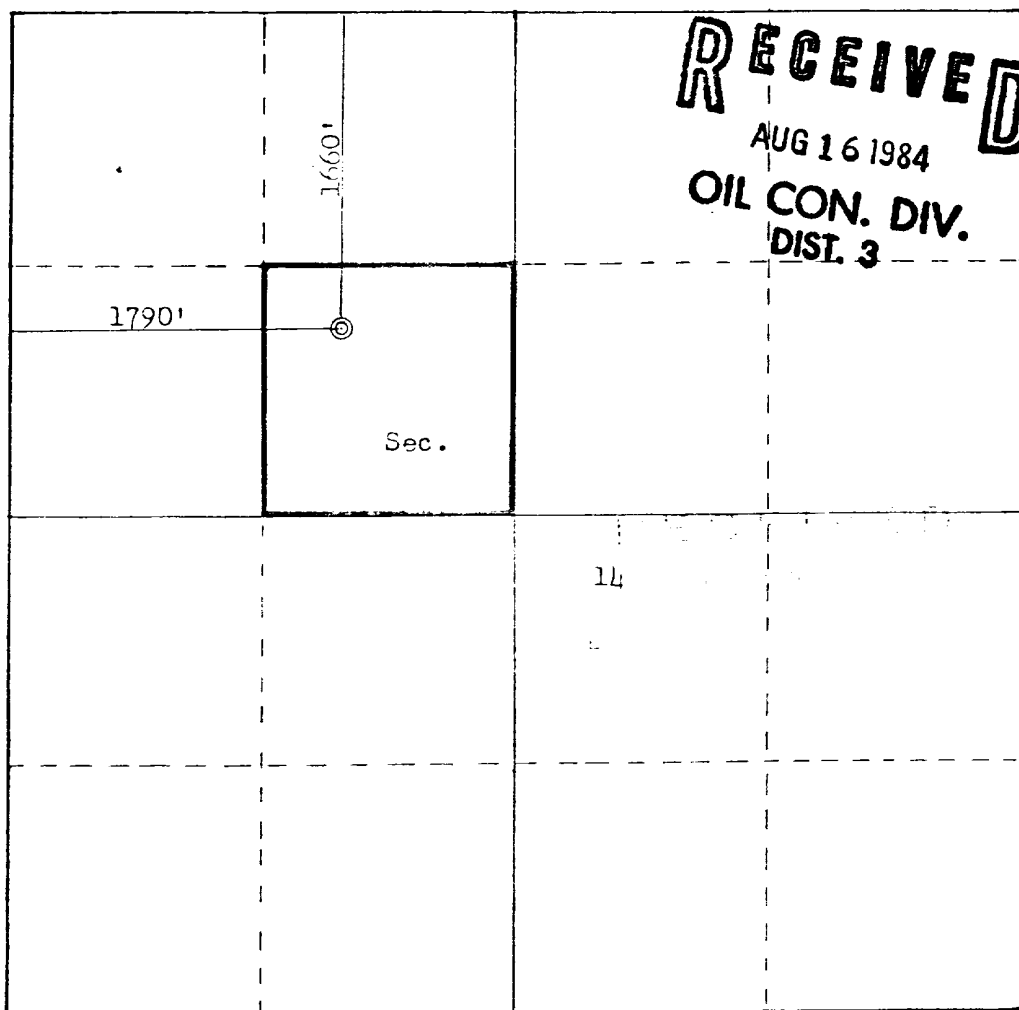
Operator AMOCO PRODUCTION COMPANY			Lease OSO CANYON-FEDERAL "A"		Well No. 1
Unit Letter F	Section 14	Township 24N	Range 2W	County Rio Arriba	
Actual Footage Location of Well: 1660 feet from the North line and 1790 feet from the West line					
Ground Level Elev. -7321	Producing Formation Gallup & Dakota		Pool Undes. Gallup/Undes. Dakota		Dedicated Acreage 40/40 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.



Scale: 1"=1000'

CERTIFICATION

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

B.D. Shaw

Name
B.D. Shaw

Position
Adm. Supervisor

Company
Amoco Production Company

Date
7-20-84

I hereby certify that the well location shown on this plat was plotted from field 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
May 15, 1984

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No.
3950

