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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
CONSOLIDATED OIL & GAS, INC.

3. ADDRESS OF OPERATOR
P.O. BOX 2038, FARMINGTON, NEW MEXICO 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface 450' 1050' FNL & 825' FEL (NE/NE) (A)
At proposed prod. 450' Same 740'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
27 Miles Northwest of Lindrith, New Mexico

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 825'

16. NO. OF ACRES IN LEASE
DK 320/GL 160

17. NO. OF ACRES ASSIGNED TO THIS WELL
DK 320/GL 160

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
N/A

19. PROPOSED DEPTH
8457'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7464' GR 7404' DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START
March 15, 1986

23. "GENERAL REQUIREMENTS"
PROPOSED DRILLING AND CEMENTING PROGRAM

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	AMOUNT OF CEMENT
12-1/4"	8-5/8"	24.0	350'+	437 cu ft
7-7/8"	5-1/2"	15.5	8457'	Approx. 2290 cu ft

1. Drill 12-1/4" hole to 350'+. Set 8-5/8" ST&C csg @ 350'. Cmt w/ 437 cu ft Cl B, 2% CaCl², 1/4# Celloflake/sx.
2. Drill 7-7/8" hole to 8457'+. Set 5-1/2" LT&C & ST&C csg @ 8457'. From caliper logs, cmt 1st Stage - 470 cu ft 50/50 Poz, 2% gel, 1/4# Celloflake/sx. Tail w/118 cu ft Cl H neat. 2nd Stage - 470 cu ft 65/35 Poz, 6% gel, 1/2 cu ft Perlite/sx. Tail w/126 ft 50/50 Poz, 2% gel, 1/4# Celloflake/sx. 3rd Stage - 980 cu ft 65/35 Poz, 6% gel, 1/2 cu ft Perlite/sx. Tail w/126 cu ft 50/50 Poz, 2% gel, 1/4# Celloflake/sx.
3. Projected cmt tops for 1st Stage - 6881'. 1st DV Tool 6575'. 2nd Stage - 4295'. 2nd DV Tool 4295'. 3rd Stage - Surface.
4. Selectively perf & stimulate Dakota & Gallup and complete as required.

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 *Kay S. Eckstein* TITLE Prod & Drl'g Tech DATE 12/20/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

RECEIVED

APPROVED BY

TITLE

JUL 08 1986

DATE

CONDITIONS OF APPROVAL, IF ANY

OIL CON. DIV.
DIST. 3

APPROVED
AS / MINDED

[Signature]
AREA MANAGER

NMOCC

See Instructions On Reverse Side

title to this lease.

All distances must be from the outer boundaries of the Section

Operator COLUMBUS ENERGY CORPORATION (CONSOLIDATED OIL & GAS INC.)		Lease Jicarilla		Well No. 6
Unit Letter A	Section 27	Township 26 North	Range 3 West	County Rio Arriba
Actual Well Location of Well:				
450 feet from the North line and		440 feet from the East line		
Ground Level Elev. 7404'	Producing Formation DAKOTA GALLUP	Pool WILDHORSE NE OTITO EXT	Dedicated Acres 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.

Sec. 27

#6

UNORTHODOX LOCATION
(Amended location due to archaeological site)

0 330 660 990 1320 1650 1980 2310 2640

CERTIFICATION

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

Kay S. Eckstein

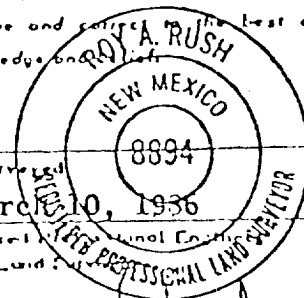
Name
KAY S. ECKSTEIN

Position
PROD. & DRILLING TECH.

Company
COLUMBUS ENERGY CORP.

Date
MARCH 18, 1986

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
March 10, 1986

Registered Professional Engineer
under License No. _____

Certificate No. **8894**

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MAR 24 1986
OIL CON. DIV.
DIST. 3