

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

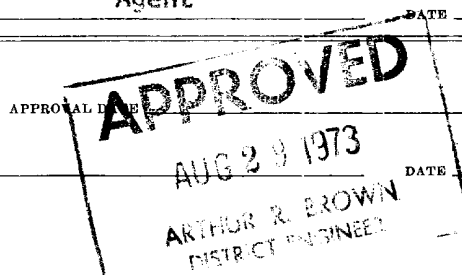
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. NM0435113	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Dalton H. Cobb			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1300 Ghls Towers West Midland, Texas 79701			8. FARM OR LEASE NAME Amoco Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1650' FSL & 1920' FEL, Section 19, T-5-S, R-34-E At proposed prod. zone Roosevelt County, New Mexico			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles SW Dora, New Mexico			10. FIELD AND POOL, OR WILDCAT Wildcat	
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 1650'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 19-5-34	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Roosevelt	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4322' Grd.			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4322' Grd.			22. APPROX. DATE WORK WILL START* 8-31-73	
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	12 3/4"	34	+ 350'	Circulated
11"	8 5/8"	24 & 23	+ 3300	As Required
7 7/8"	4 1/2"	10.6 & 11.6	+ 8500	As Required

Propose to drill a Fusselman Wildcat test using rotary tools to approximately 8500'. Cement will be circulated on the surface casing and intermediate casing will be set in the San Andres. Plan to test all significant shows and evaluate with adequate logging program. Completion or abandonment will be performed in accordance with prudent practices and regulatory body requirements. A double ram series 900 BOP and choke manifold will be used from surface casing to total depth.

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>Foy W. Boyd, Jr.</i>	Agent	DATE 8-22-73
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL	DATE
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		



*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 7-73
Superseded 6-1-76
100-100-100

All data must be from the corner boundaries of the Section

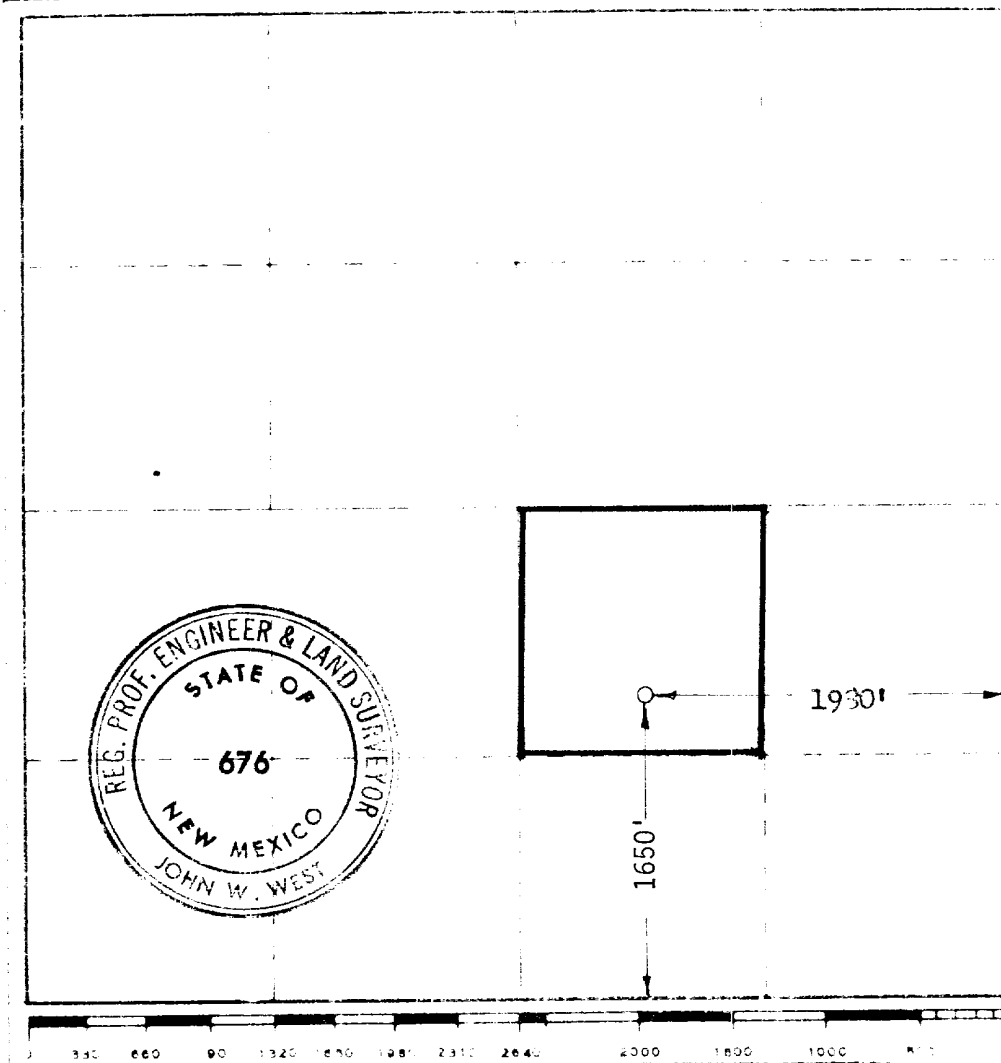
DALTON H. COBB		Amoco Federal		1	
J	19	5	South	34	East Roosevelt
1980		East		1650' South	
4323'		Fusselman		Wildcat 40	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof both as to working interest and royalty.
- 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.

Foy W. Boyd, Jr.
Foy W. Boyd, Jr.

Agent

Dalton H. Cobb

August 22, 1973

I hereby certify that the well location shown on this plat was derived 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.

John W. West
John W. West

3-21-73
Registered Professional Land Surveyor

John W. West
John W. West

676

U. S. Geological Survey
Conservation Division

Date August 24, 1973

To: District Engineer, Hobbs

From: Office of the Area/District
~~XXXX~~

Geologist Roswell, N.M.

Sec. 19

T. 5 S

R. 34 E

NMP

N.M.

State

REPORT ON NOTICE OF INTENTION TO DRILL

Lease No. New Mexico 0436118

Operator Dalton H. Cobb

Well No. 1 Amoco Federal

Subdivision NW $\frac{1}{4}$ SE $\frac{1}{4}$

Location 1650'/S & 1980'/E

Data from
District
Engineer

Elevation 4316 GR.

Projected depth 8500'

Major objective fms. Fusselman

Proposed casing 12-3/4" @ 350', 8-5/8" @ 3300', 4 $\frac{1}{2}$ " @ TD

Remarks

Pertinent Fms.

Name	Depth	
	Top	Base
Ogallala	surface	
Triassic	250	
Anhydrite	1855	
Yates	2180	
Queen	2810	
San Andres	3225	
Glorieta	4485	
Abo	6435	
Wolfcamp	7315	
Silurian	7605	
Precambrian	7815	

NOTED
AUG 27 1973

1. ~~BROWN~~ Potential Oil and Gas Horizons

Yates and older rocks of Permian, Pennsylvanian, Mississippian, Devonian, and Silurian age.

2. Fresh Water Sands

Aquifers consist of the Ogallala with water level less than 200 ft. below the surface

3. Other Mineral Bearing Formations
(Coal, Oil Shale, Potash, Etc.)

Sodium and potash bearing rocks occur within the salt section (Salado Fm)

4. Possible Lost Circulation Zones

San Andres, Glorieta, Yeso and Wolfcamp

5. Other Horizons Which May Need Special
Mud, Casing or Cementing Programs

Upper Pennsylvanian formations.

Possible Abnormal Pressure Zones and
Temperature Gradients

~~FOR~~ Upper Pennsylvanian fm.
Competency of Beds at Proposed Casing
Setting Points

Should be adequate.
Additional Logs or Samples Needed

Remarks (include references, if any; field or
KGS name; nearest production, etc.)

There is no Silurian production on or near
this location.

Nearest Production: sec. 13, T. 6 S, R. 33 E

Upper Pennsylvanian production; wells tested the Ordovician.

Proposed Dalton H. Cobb - Amoco Federal #1

Located

1650' FSL & 1980' FWL (Unit J) Section 19, T-5-S, R-34-E

Roosevelt County, New Mexico

Development Plan For Surface Use

-
1. Existing Roads: refer to attached road plat. Go 6 miles South of Dora on blacktop highway 18. Turn west on dirt and caliche road and go 4 miles to wire gate. Proceed 1980' on old bladed road overgrown with grass. Old road was previously used by Amoco.
New Road: Propose to replace wire gate with cattle guard during operations and if well is a producer. Blade existing 1980' of old road then proceed North and build + 1650' of new road + 12' wide. Initially no caliche is to be used.
 2. Location: Plans are to use a 8500' rotary rig and the following location will be built from the stake for the rig and reserve pits.
 - 125' West
 - 125' South
 - 100' East w/30 x 40 extension
 - 75' North
 3. Water required for the drilling operation will be trucked and accumulated in a storage tank at the well site.
 4. Drilling fluids and hole solids will be handled in the reserve pit. Other waste materials will be handled daily as required to maintain a clean location. Final clean up will be in accordance with prudent practices.
 5. Location of tank batteries, required production equipment and flowlines will be located at the wellsite.
 6. Production of oil, water, or gas will be handled in a manner consistent with prudent practices as dictated by available markets.

R 33 E.

R 34 E.

R 35 E.

R 36 E.

ROOSEVELT
R 37

DORA

Hwy 18

WIRE GATE

Dirt & CAUTION

PEP

1980' OLD ROAD BED?

1650' NEW ROAD

DEVELOPMENT Plan For Surface Use

ROAD MAP FOR R 1

DALTON H. COBS AMUCO FEDERAL #1

1650' FSL & 1980' FSL SEC 19, T-5-S, R-34-E

ROOSEVELT CO., NEW MEXICO

8-22-73

FWB

R 34 E.

R 35 E.

R 36 E.

R 37 E.

U.S. Forest Service, Bureau of Land Management
Inventory, Planning, and Management Division
Roosevelt County, New Mexico

Scale 1 inch = 3 Miles
Longitudinal West from Greenwich
NAD 83
Datum: NAD 83

DATE OF INVENTORY
1983
ROOSEVELT COUNTY, NM

[illegible]