

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-20438

5. LEASE DESIGNATION AND SERIAL NO.

NM-064488-E

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Arco-Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Boyd (Morrow)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 3, T-19-S, R-25-E

12. COUNTY OR PARISH

Eddy

13. STATE  
New Mexico

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

David Fasken

3. ADDRESS OF OPERATOR

608 First National Bank Bldg., Midland, Texas 79701

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

Unit K, 1980 FSL & 1699 FWL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

12 miles SW of Artesia

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

1032

16. NO. OF ACRES IN LEASE  
ARTESIA, OFFICE

320

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

9400

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3513' Gr.

22. APPROX. DATE WORK WILL START\*

May 16, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	500'	400 sx Howco-Lite + 100 sx Incor Neat
12-1/2"	8-5/8"	24#	1300'	400 sx Howco-Lite + 200 sx Incor Neat
7-7/8"	4-1/2"	10.5# & 11.6#	9400'	450 sx Incor

1. Drill 17 1/2" hole to 500' with spud mud.
2. Set and cement 13-3/8" casing at 500' with 400 sx Howco-Lite plus 100 sx Incor neat - circulate.
3. Drill 12 1/2" hole to 1300' with mud and water as required and cement 8-5/8" casing at 1300' with 400 sx Howco-Lite and 200 sx Incor neat - circulate.
4. Drill 7-7/8" hole to 9400' with water and/or mud as required.
5. Drill stem test all shows of oil and gas.
6. Log open hole.
7. Set and cement 4 1/2" casing at T.D. with 450 sx. Incor.
8. Perforate pay zones and test.  
B.O.P. 12" - 600 series on surface casing  
B.O.P. 10" - 900 series on intermediate casing

RECEIVED  
MAY 14 1971  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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.

SIGNED Robert M. Arguine TITLE Agent DATE May 14, 1971

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED  
MAY 14 1971  
R. L. BEEKMAN  
ACTING DISTRICT ENGINEER

THIS APPROVAL IS VALID FOR OPERATIONS WITHIN 3 MONTHS.  
AUG 14 1971  
\*See Instructions On Reverse Side

DECLARED WATER BASIN  
1327  
878  
CEMENT BEHIND THE CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO WITNESS CEMENTING THE \_\_\_\_\_ CASING

## 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 C-102  
Supersedes C-128  
Effective 1-1-65

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

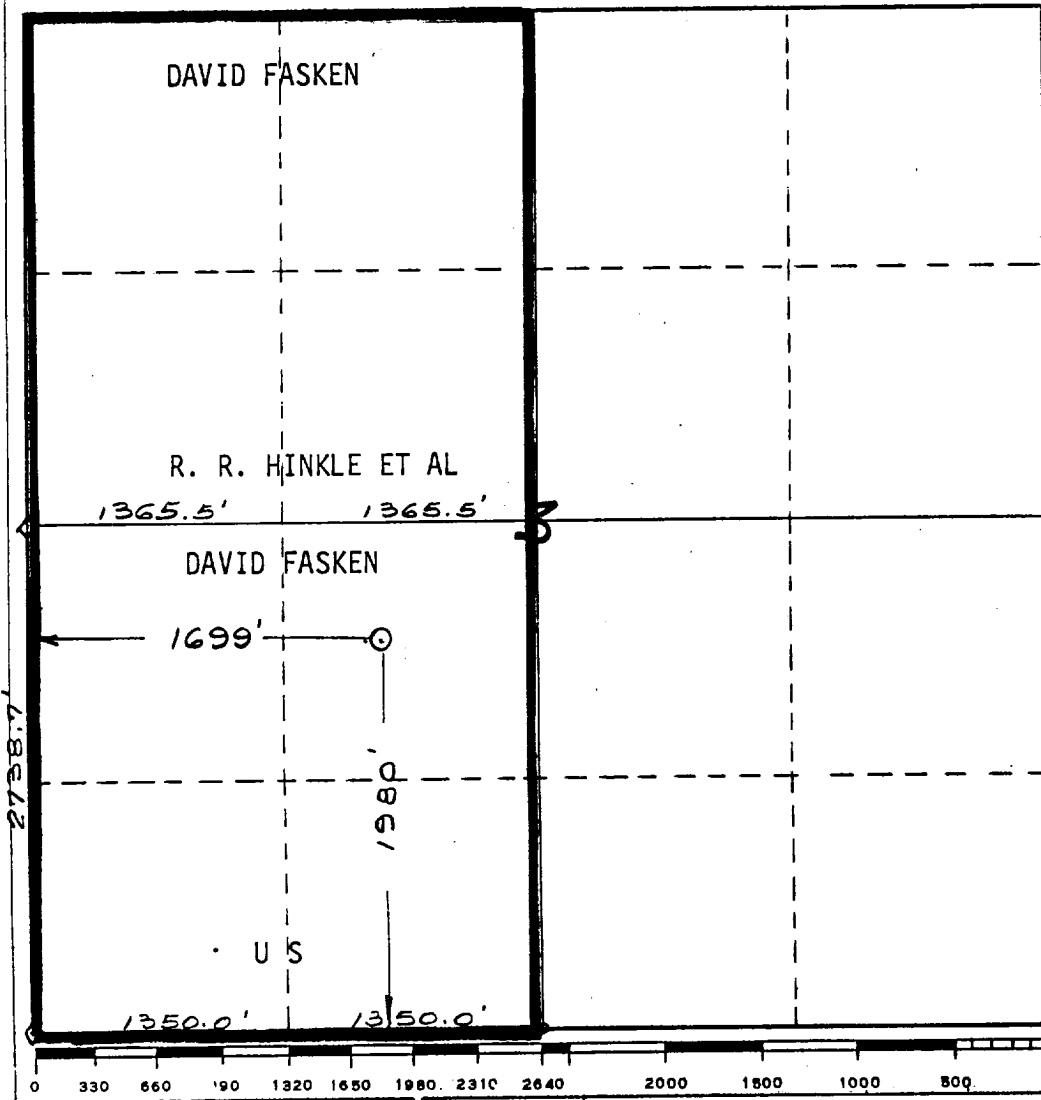
Operator <b>DAVID FASKEN</b>		Lease <b>"3" ARCO FEDERAL</b>		Well No. <b>1</b>	
Unit Letter <b>K</b>	Section <b>3</b>	Township <b>19 South</b>	Range <b>25 East</b>	County <b>EDDY</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1699</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3513</b>	Producing Formation <b>Morrow</b>	Pool <i>unlesig. Boyd-morrow Gas.</i>	Dedicated Acreage: <b>320</b> 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.) communitization agreement circulating to all operators

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.

*Robert H. Angevine*  
Name

Robert H. Angevine

Position

Agent

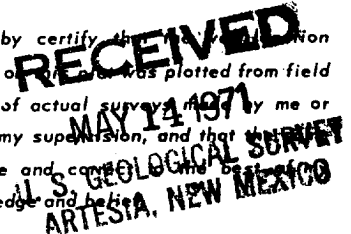
Company

David Fasken

Date

May 14, 1971

I hereby certify that the information shown on this plat was plotted from field notes of actual survey by me or under my supervision, and that this is true and correct to the best of my knowledge and belief.



Date Surveyed

May 14, 1971

Registered Professional Engineer and/or Land Surveyor

*Wm W. Shear*

Certificate No.

1559