

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

SANTA FE, NEW MEXICO 87501

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RECEIVED BY

OCT 16 1984

O. C. D.

ARTESIA, OFFICE

Form C-101
Revised 10-1-78

30-023-20009

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

NM-3836

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"/>		7. Unit Agreement Name
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"/>		8. Farm or Lease Name Fitzpatrick
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 1
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wildcat
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>2100</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>10</u> TWP. <u>33S</u> RGE. <u>20W</u> NMPM		12. County Hidalgo
19. Proposed Depth 15,000'		18A. Formation Epitaph Dolomite
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, HT, etc.) 5165' GR	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected
22. Approx. Date Work will start 11/15/84		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
36"	30" cond pipe		Approx 30-60'	Approx. 6 yds	Redi-mix
26"	20"	94# K-55	Approx 500-1000'	1400 sx	Circ cmt surf.
17 1/2"	13-3/8"	68# S-80	Approx 5000'	2250 sx	Approx 3300' FS
12 1/4"	9-5/8"	43.5# S-95	10,500'		
	9-5/8"	47.0# S-95	12,500'	2500	Approx 8000' FS

If hole conditions dictate, an 11-3/4" FJ or 7-5/8" FJ liner could be set below the 13-3/8" or 9-5/8" csg respectively and cmt'd w/kind and amount of cement to be determined.

This well to be drilled as an exploratory test and evaluate gas potential from the U-Bar, Epitaph and Horquilla zones.

Blowout Preventer Program attached.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5-16-85
UNLESS DRILLING UNDERWAY

Filed IDI
APR 14 1984

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Elizabeth L. Bush Title Drlg Engr. Date 10/16/84

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY LARRY BROOKS DATE OCT 16 1984

CONDITIONS OF APPROVAL, IF ANY: GEOLOGIST - NMCCD

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

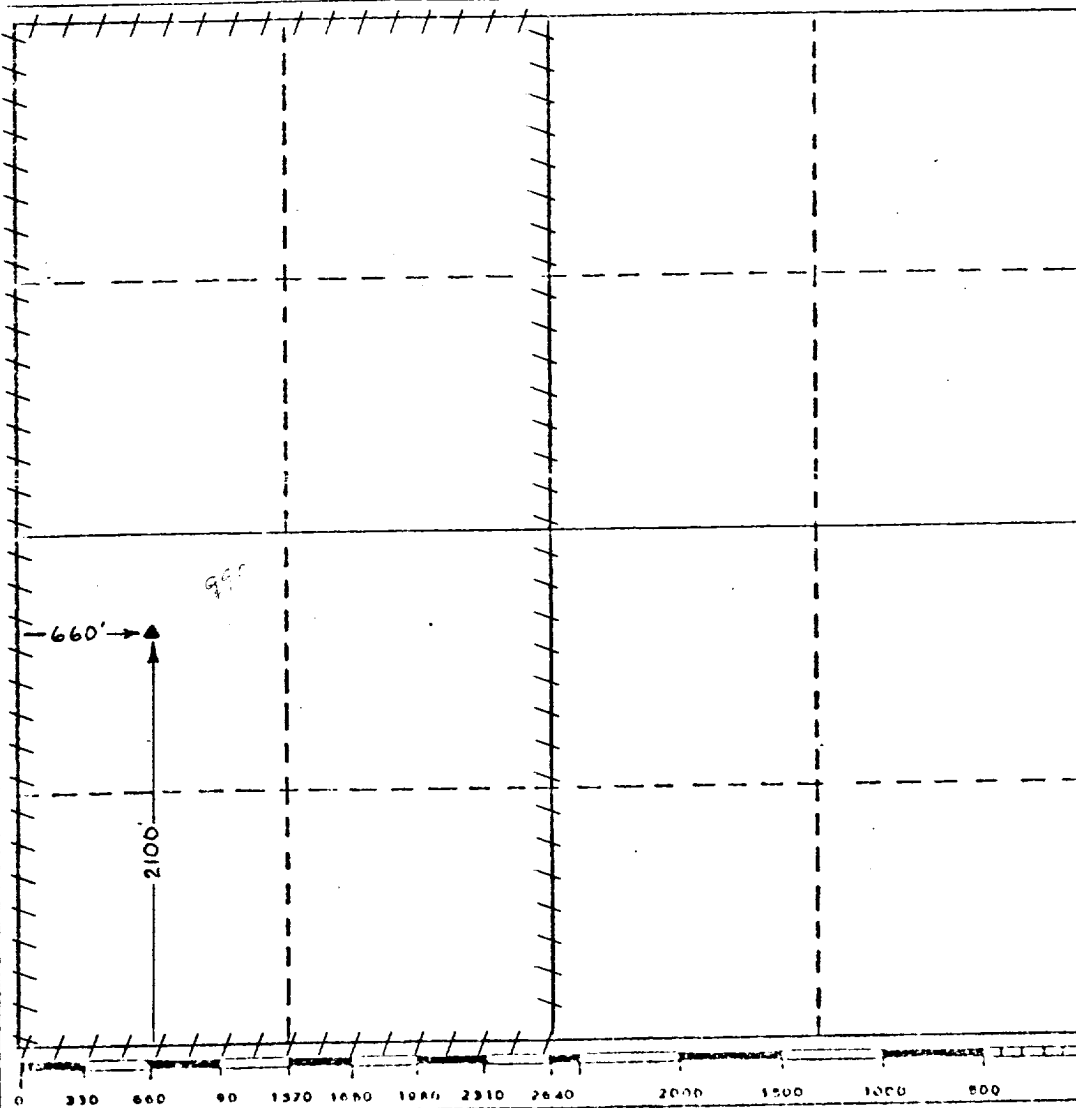
Operator ARCO Oil and Gas Company			Lease Fitzpatrick		Well No. 1
Div. of Atlantic Richfield Company					
Unit Letter L	Section 10	Township 33 South	Range 20 West	County Hidalgo	
Actual Footage Location of Well:					
660 feet from the west line and		2100 feet from the south line			
Ground Level Elev. 5165	Producing Formation Epitaph Dolomite		Pool Wildcat	Dedicated Acreage: 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 Division.



CERTIFICATION

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

Name

Elizabeth L. Bush

Position

Drlg. Engr.

Company **ARCO Oil and Gas Co.,
Div. of Atlantic Richfield Co**

Date

10/16/84

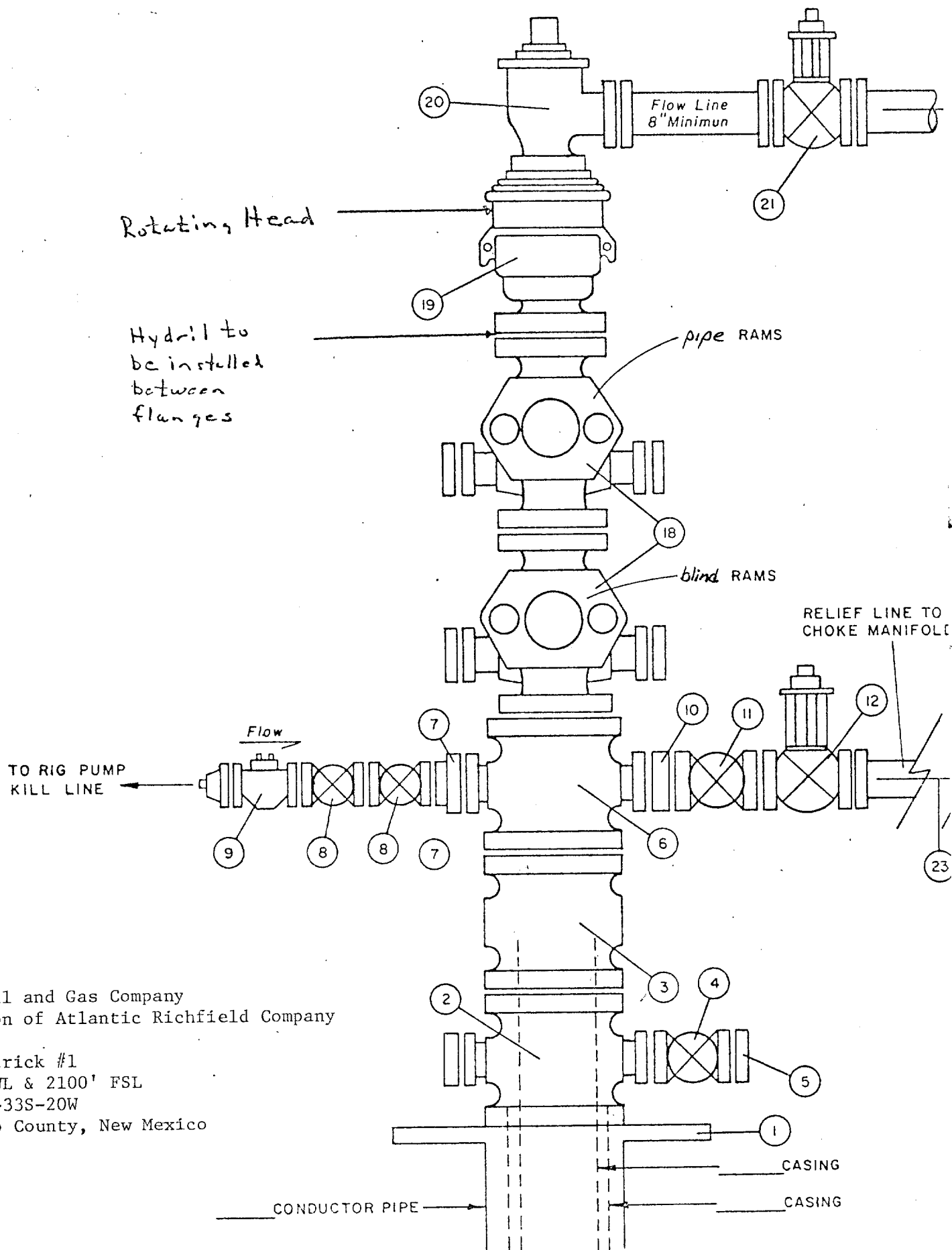
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

July 3, 1984

Date Surveyed

*Karl D. King*Registered Professional Engineer
and/or Land Surveyor**New Mexico No. 7250**

Certificate No.



ARCO Oil and Gas Company
Division of Atlantic Richfield Company

Fitzpatrick #1
660' FWL & 2100' FSL
Sec 10-33S-20W
Hidalgo County, New Mexico