

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease  
STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Eva Owens
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 3
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Wantz Abo
4. Location of Well UNIT LETTER <u>K</u> LOCATED <u>1650</u> FEET FROM THE <u>West</u> LINE AND <u>2310</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>25</u> TWP. <u>21S</u> RGE. <u>37E</u> NADPM		17. County Lea
19. Proposed Depth 7500'		19A. Formation Abo
20. Rotary or C.T. Rotary		
21. Elevations (Show whether D.R., H.T., etc.) 3380.5' GR	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected
22. Approx. Date Work will start 9/15/84		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8" OD	54.50#	30'	3 yds Redi-mix	Surf.
11"	8-5/8" OD	24#	1280'	450	Surf.
7-7/8"	5 1/2" OD	15.5 & 17#	7500'	2300	Surf

Propose to drill a development well to the Granite Wash and test the producing capabilities of the Abo zone.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 2/21/85  
UNLESS DRILLING UNDERWAY

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 E. W. Seay Title Drig. Engr. Date 8/16/84

(This space for State Use)

Eddie W. Seay

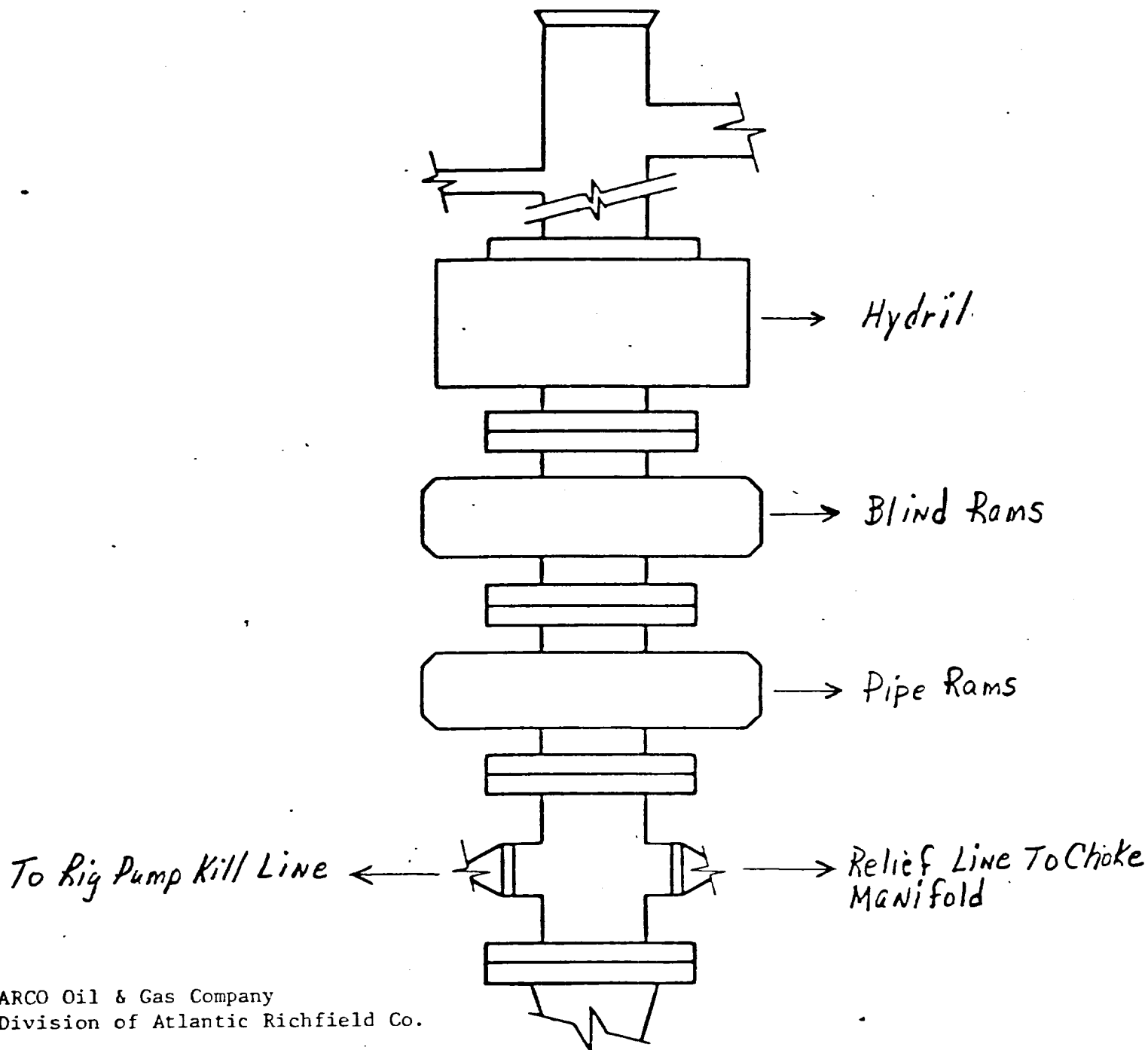
APPROVED BY Oil & Gas Inspector TITLE  DATE AUG 21 1984

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 20 1984

U.S. AIR FORCE



ARCO Oil & Gas Company  
 Division of Atlantic Richfield Co.  
 Blow Out Preventer Program

Lease Name: Eva Owens

Well No: 3

Location: 1650' FWL & 2310' FSL

Sec 25-21S-37E, Lea County

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

**N MEXICO OIL CONSERVATION COMMISS**  
**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

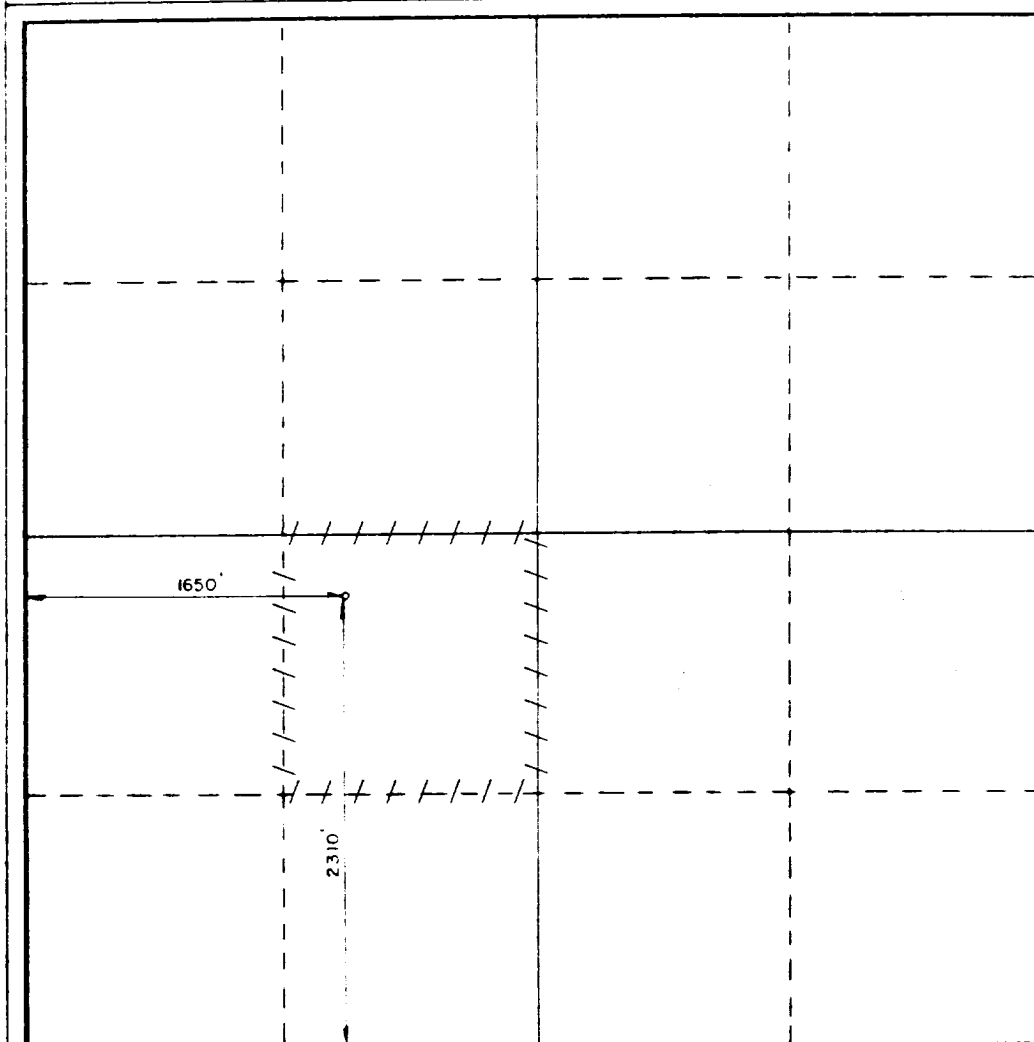
Operator <b>Division of Atlantic Richfield Co.</b> <b>ARCO OIL &amp; GAS CO.</b>			Lease <b>EVA OWEN</b>		Well No. <b>3</b>
Plot Letter <b>K</b>	Section <b>25</b>	Township <b>21S</b>	Range <b>37E</b>	County <b>LLA</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>SOUTH</b> line and <b>1650</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3380.5</b>	Producing Formation <b>Abo</b>		Pool <b>Wantz Abo</b>		Dedicated Acreage: <b>40</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.) \_\_\_\_\_

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.

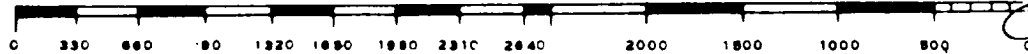
Name Elizabeth S. Bush  
 Position Drlg Engr.  
 Company ARCO Oil and Gas Co.  
Div of Atlantic Richfield Co.  
 Date 8/16/84

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 8/8/84  
 Registered Professional Engineer and/or Land Surveyor

John W. West  
 Certificate No. JOHN W. WEST. 676

RONALD J. EIDSON, 3239



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AUG 20 1984

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