

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANTA FE	/
FILE	/
U.S.G.S.	2
LAND OFFICE	/
OPERATOR	/

**RECEIVED**  
**NEW MEXICO OIL CONSERVATION COMMISSION**  
**APR 6 1978**

**O. C. C.**  
**ARTESIA, OFFICE**

**30-015-22490**  
 Form C-101  
 Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647-368	647-320

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work		7. Unit Agreement Name	
		Empire Abo Pressure Maintenance Project	
b. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	Empire Abo Unit "J"	
OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	9. Well No.	
OTHER <input type="checkbox"/>	SINGLE ZONE <input checked="" type="checkbox"/>	233	
2. Name of Operator		10. Field and Pool, or Wildcat	
Atlantic Richfield Company ✓		X Empire Abo	
3. Address of Operator			
P. O. Box 1710, Hobbs, New Mexico			
4. Location of Well		12. County	
UNIT LETTER G	LOCATED 2550 FEET FROM THE North LINE	Eddy	
AND 2050 FEET FROM THE East	LINE OF SEC. 6 TWP. 18S RGE. 28E NMPM		
		19. Proposed Depth	
		6300'	
		19A. Formation	
		Abo Reef	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
3668.9' GR		6/1/78	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
GCA #8		Hondo Drlg. Co.	

23.

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8" OD	24# K-55	550'	250	Circ. to surf
7-7/8"	5-1/2" OD	14# K-55	6000'		
		15.5# K-55	6300'	1205	Circ to surf

Propose to drill an infill development well within the Empire Abo Unit area to more economically recover additional oil reserves and conserve reservoir pressure in accordance w/Unit OCC Rules & Regulations NSL 915.

Blowout Preventer Program attached.

**APPROVAL VALID**  
**FOR 90 DAYS UNLESS**  
**DRILLING COMMENCED,**  
**EXPIRES 7-10-78**

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 W. A. Gressett Title Dist. Drlg. Supt Date 4/4/78

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 10 1978

CONDITIONS OF APPROVAL, IF ANY:

**N MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-4-65

All distances must be from the outer boundaries of the Section

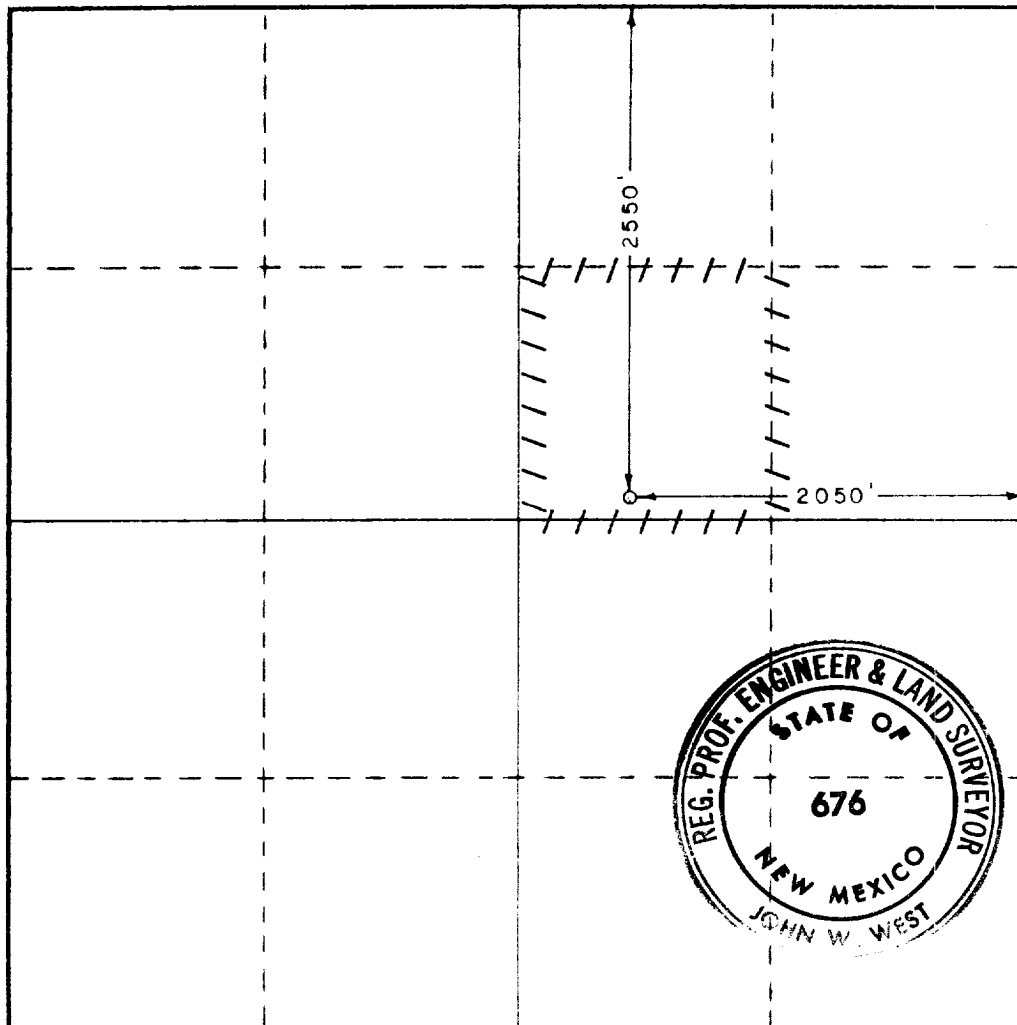
Operator <b>Atlantic Richfield Co.</b>			Lease <b>Empire Abo Unit - J</b>		Well No. <b>233</b>
Unit Letter <b>G</b>	Section <b>6</b>	Township <b>18 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2550</b> feet from the <b>North</b> line and <b>2050</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3668.9</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>		Dedicated Acreage <b>Abo</b>	

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 Unitization

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**

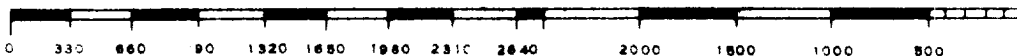
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

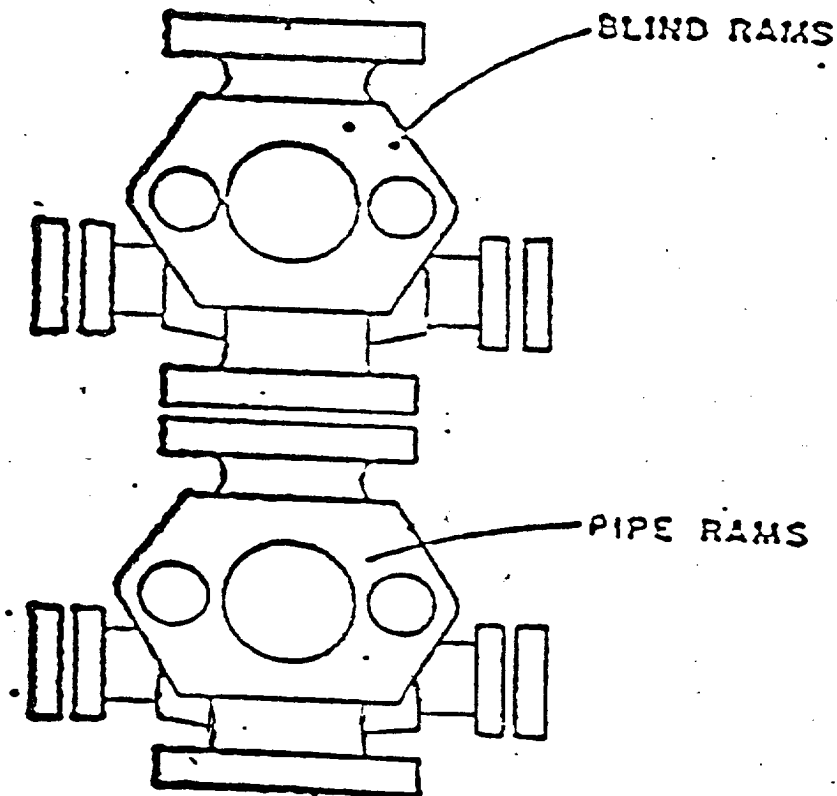
Name John W. West  
 Position Dist. Drlg. Supt.  
 Company Atlantic Richfield Company  
 Date 4/4/78

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.

**December 16, 1977**

Date Surveyed \_\_\_\_\_  
 Registered Professional Engineer and Land Surveyor  
John W. West  
 Certificate No. **John W. West 676**  
**Ronald J. Eidson 3239**





ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Empire Abo Unit "J"

Well No. 233

Location 2550' FNL & 2050' FEL  
Sec 6-18S-28E, Eddy County

BOP to be tested before 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.