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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-65

JUL 14 1976

O. C. C.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
(647-349) (647-351)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator Atlantic Richfield Company		3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		8. Farm or Lease Name Empire 33 State Com.	
4. Location of Well UNIT LETTER K LOCATED 1315 FEET FROM THE South LINE AND 1315 FEET FROM THE West LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM		5. State Oil & Gas Lease No. (647-349) (647-351)		9. Well No. 1	
6. Location of Well UNIT LETTER K LOCATED 1315 FEET FROM THE South LINE AND 1315 FEET FROM THE West LINE OF SEC. 33 TWP. 17S RGE. 28E NMPM		7. Unit Agreement Name		10. Field and Pool, or Wildcat Empire Penn.	
11. County Eddy		12. County Eddy		13. County Eddy	
14. Proposed Depth 10,500'		15. Formation Morrow Gas		16. Rotary or C.T. Rotary	
17. Elevations (Show whether DF, RT, etc.) 3668.5' GR		18. Kind & Status Plug. Bond GCA #8		19. Drilling Contractor Not selected	
20. Approx. Date Work will start 7/30/76		21. Elevations (Show whether DF, RT, etc.) 3668.5' GR		22. Kind & Status Plug. Bond GCA #8	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-3/4"	10-3/4" OD	40.5# K-55	700'	235 sx	Circ to surf.
9-1/2"	7-5/8" OD	26.4# K-55&N-80	6700'	850 sx	Circ to surf.
6-1/2"	4-1/2" OD	11.6# K-55&N-80	Liner 6500-10,500'	DV tool @4000' 463 sx	6500' from surf.

Propose to drill a well to test the producing capabilities of the Morrow Gas zone @ approximately 10,100'-10,500'. Wait on surface csg cmt 12 hrs prior to pressure test.

Blow out preventer program attached. BOP to be tested when installed and operated daily. A rotating head to be installed below top of Wolfcamp if needed.

APPROVAL VALID
FOR 90-DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 11-15-76
See order R. 5257

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 [Signature] Title Dist. Drlg. Supv. Date 7/12/76

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE 7/12/76

CONDITIONS OF APPROVAL, IF ANY:

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

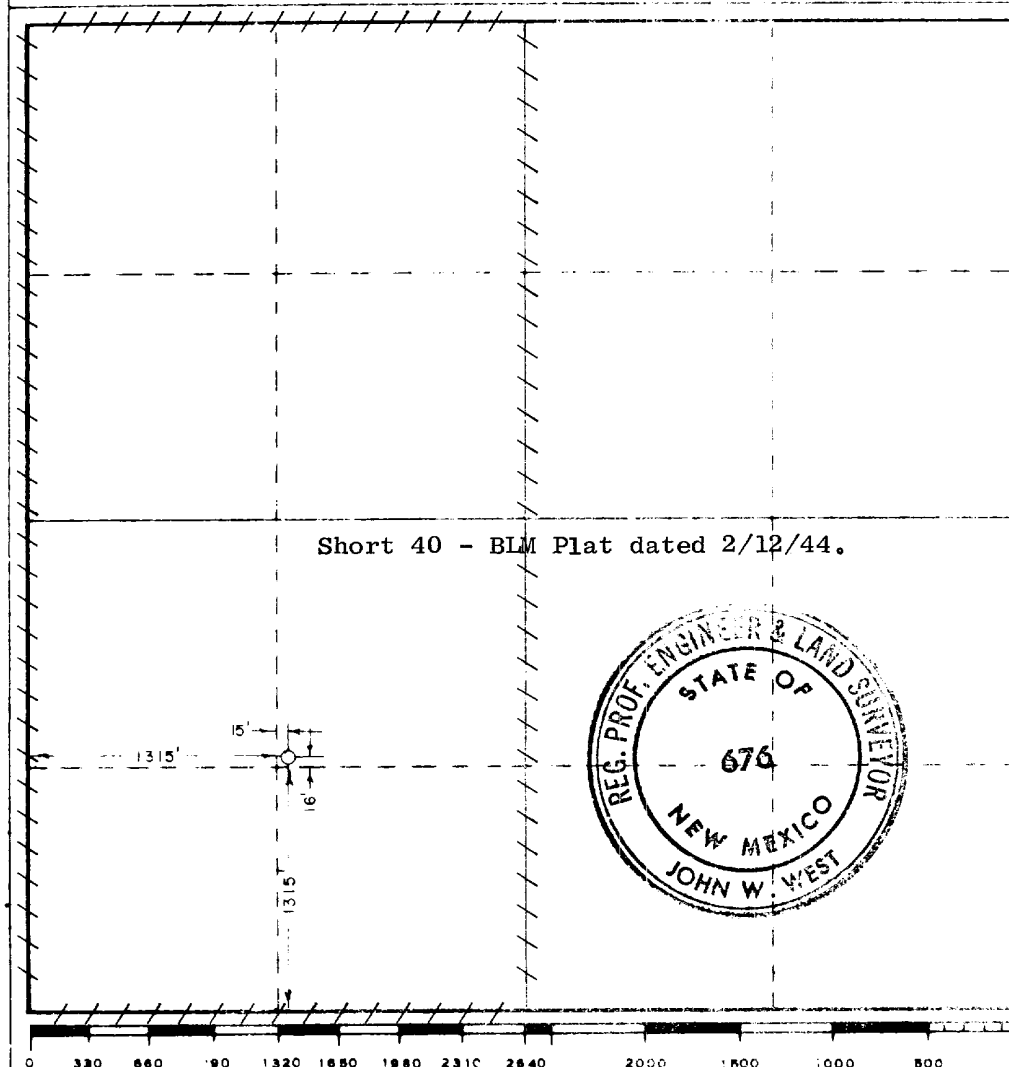
Operator ATLANTIC RICHFIELD COMPANY			Lease Empire 33 - State Com.		Well No. 1
Tract Letter K	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Portage Location of Well: 1315 feet from the south line and 1315 feet from the west line					
Ground Level Elev. 3668.5	Producing Formation Morrow Gas		Pool Empire Penn.		Dedicated Acreage 310.61 Acres

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 Application to force pool submitted to OCC/Santa Fe, NM

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) See attached plat for owners & tract description.

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.



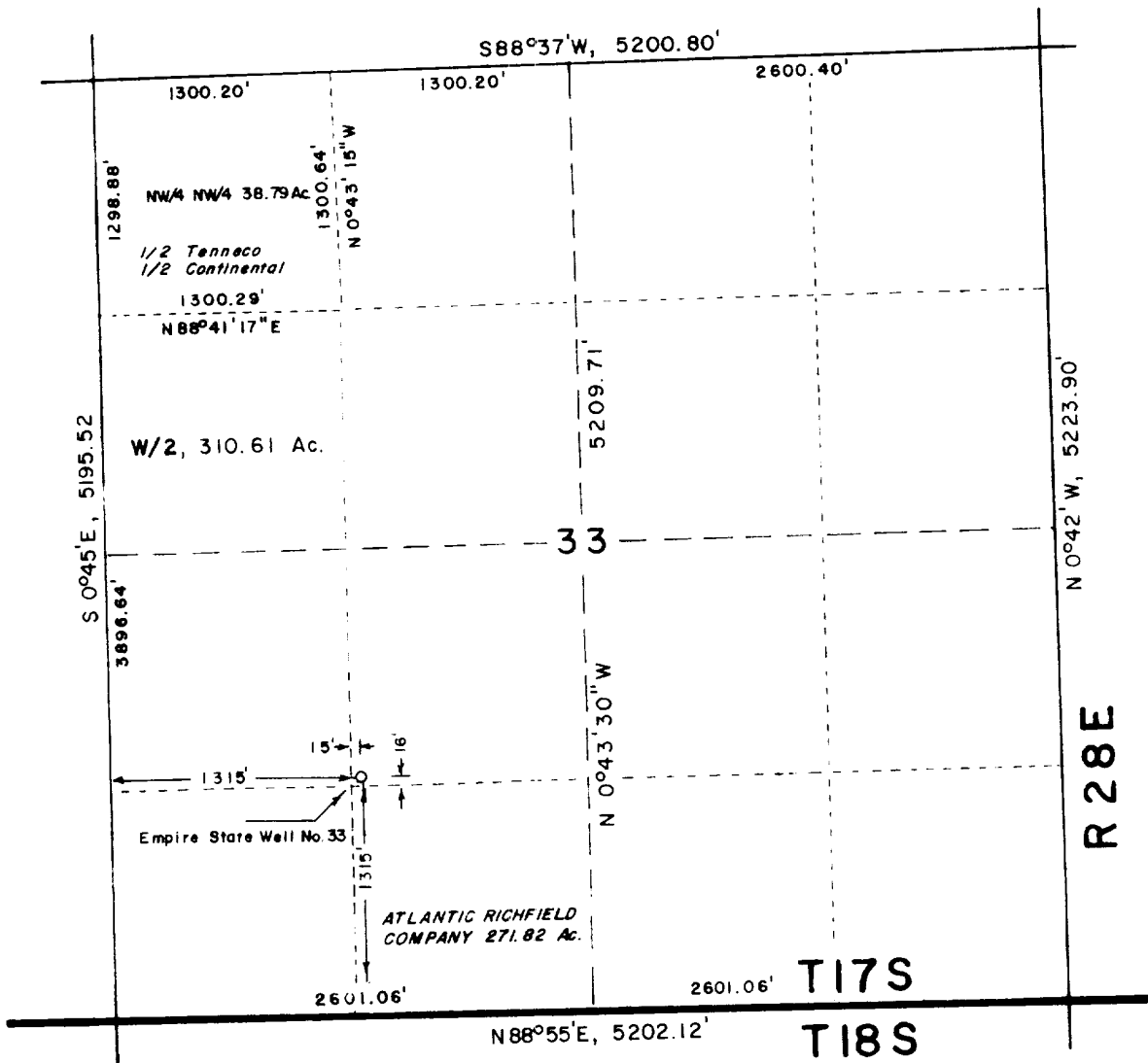
CERTIFICATION

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

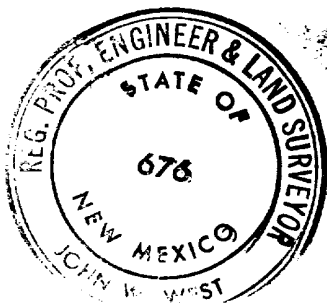
Name
[Signature]
Position
Dist. Drig. Supv.
Company
Atlantic Richfield Company
Date
7/13/76

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
July 12, 1976
Registered Professional Engineer and/or Land Surveyor
[Signature]
Certificate No.
676



Note: Dimensions of Section 33 were taken from the Bureau of Land Management plat of T17S, R28E, N.M.P.M., dated Feb 12, 1944.



I HEREBY CERTIFY THAT THIS PLAT WAS MADE FROM NOTES TAKEN IN THE FIELD IN A BONA FIDE SURVEY MADE 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, N.M. P.E. & L.S. NO. 676
TEXAS R.P.S. NO. 1138

ATLANTIC RICHFIELD COMPANY

Plat showing the acreage of the NW 1/4 NW 1/4, and the W 1/2 of Section 33, Township 17 South, Range 28 East, N. M. P. M., Eddy County, New Mexico.

JOHN W. WEST ENGINEERING COMPANY
CONSULTING ENGINEERS HOBBS, NEW MEXICO
Scale 1" = 1000' Drawn by chb
Date May 22, 1975 Sheet 1 of 1 Sheets

