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RECEIVED
 NEW MEXICO OIL CONSERVATION COMMISSION
 MAY 17 1977
O. C. C.
 ARTESIA, OFFICE

38-015-22156
 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
7. Unit Agreement Name
8. Farm or Lease Name State BU
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Morrow
12. County Eddy
19. Proposed Depth 10,900'
19A. Formation Morrow Gas
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3541.9' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Ard Drlg Co
22. Approx. Date Work will start 6/1/77

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"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	
2. Name of Operator Atlantic Richfield Company			
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240			
4. Location of Well UNIT LETTER N LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 32 TWP. 18S RGE. 28E NMPM			
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	54.5# K-55	400'	395	Circ
11"	9-5/8" OD	40# K-55	2500'	550	Circ
8-3/4"	5-1/2" OD	17# K-55	1240'	1175	7000'
		15.5# K-55	5780'		
		17# K-55	7820'		
		17# N-80	10900'		

Propose to drill a development well to test the Morrow Gas zone. Drill Stem test to be run on the San Andres, Cisco Canyon, Strawn-Atoka & Morrow. Will run log surveys as follows: FDC-CNL-GR & DLL-MSFL. Mud program will be 0-400' Spud Mud, 400-2800' BW, 2800-9700' BW w/viscosity high enough to obtain good samples, 9700-10,900' Brine Polymer 30-35 Vis, WL below 10 cc.

Blowout Preventer program attached. (Gas not dedicated).

APPROVAL VALID
 FOR 90 DAYS UNLESS
 DRILLING COMMENCED.

EXPIRES 8-18-77

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. Supt. Date 5/16/77
 (This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE MAY 18 1977

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

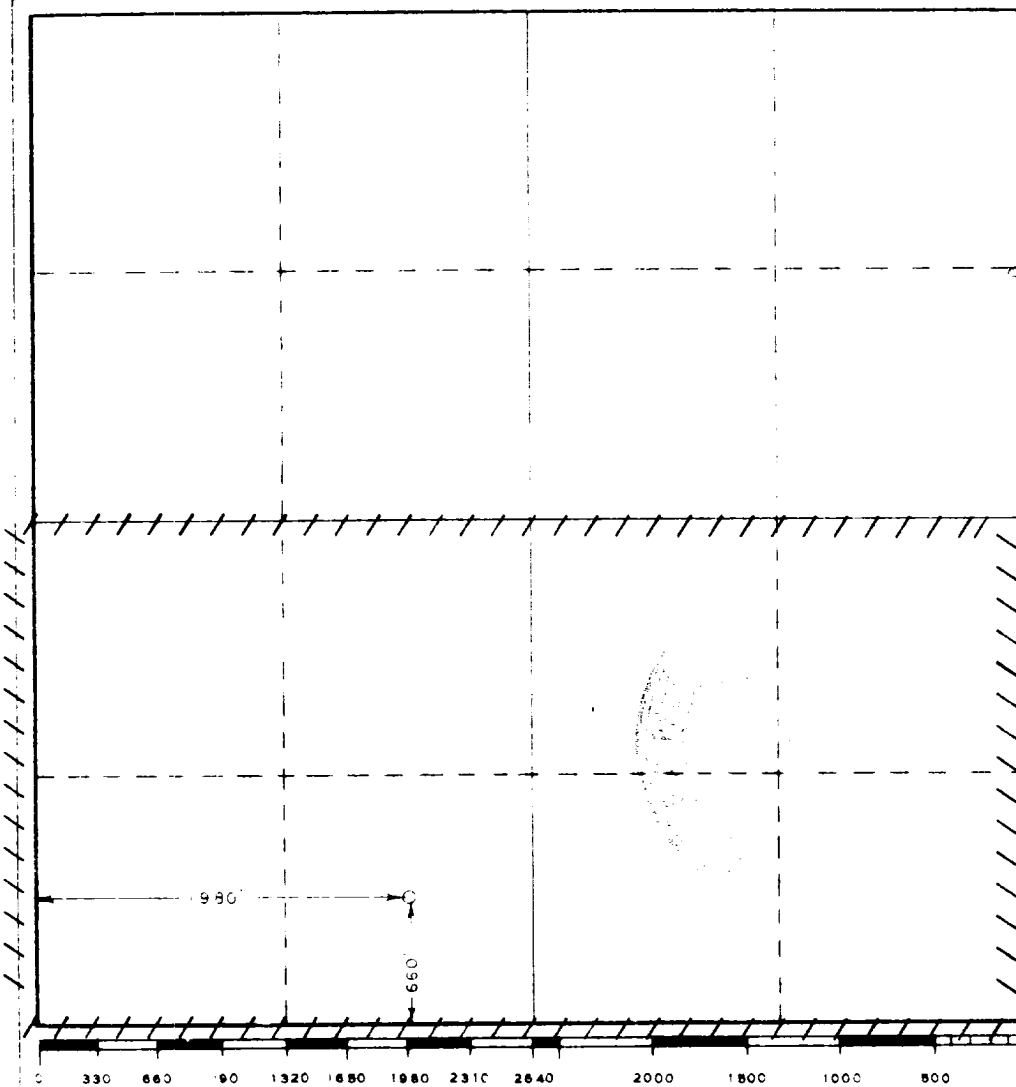
Operator Atlantic Richfield Co.		Lessee State B.U.		Well No. 1
North Quarter N	Section 32	Township 18 South	Range 28 East	County Eddy
Actual Known Location of Well				
660	feet from the South	line and	1980	feet from the West
Ground Level Elev. 3541.9	Producing Formation Morrow	For <i>Illinois camp</i> Undesignated		Dedicated Acreage 320

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 _____
Signature _____
Title _____

Dist. Dir. Supt.

Company _____

Atlantic Richfield Company

Date _____

5/16/77

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 _____

May 10, 1977

Registered Professional Engineer
and/or Land Surveyor

Signature *John W. West*
Certificate No. **676**

