

NEW MEXICO OIL CONSERVATION COMMISSION
DRAWER DD
ARTESIA, NEW MEXICO

FIELD REPORT FOR CEMENTING OF WELLS

Operator <u>Atlantic Richfield Co</u>		Lease <u>Empire 660 Unit L</u>		Well # <u>131</u>	
Location of Well	Unit <u>M</u>	Section <u>2</u>	Township <u>18</u>	Range <u>27</u>	County <u>Eddy</u>
Drilling Contractor <u>Hondo</u>	Type of Equipment <u>Rotary to start approx. 7-10-76</u>				

APPROVED CASING PROGRAM

Size of Hole	Size of Casing	Weight Per Foot	New or Used	Depth	Sacks Cement
<u>11</u>	<u>8 5/8"</u>	<u>24</u>		<u>1000</u>	<u>600 cin.</u>
<u>7 7/8</u>	<u>5 1/2"</u>	<u>14</u>		<u>6200</u>	<u>1100 "</u>

Casing Data:

Surface 24 joints of 8 5/8 inch 24 # Grade K55

(Approved) (~~Rejected~~)

Inspected by Nick Tinker date 6-28-76

Cementing Program

Size of hole 11" Size of Casing 8 5/8" Sacks cement required 400

Type of Shoe used Baker Float collar used Baker Btm & jts welded ✓

ID of hole 1002' DF ~~1002'~~ ^{940' GL} Feet of 8 5/8 Inch 24 # Grade K55

New-used csg. @ 940' GL with 400 sacks neat cement around shoe 6# salt/sk

+ 300 sack Neat cement additives 2% CaCl₂ - 4% gel - 5% gilsonite - 1/4" celloflake

Plug down @ 11:15 (AM) (PM) Date 6-28-76

Cement circulated ✓ - 75 Sx to pit No. of Sacks 10 (used after cem settled)

Cemented by Byron Jackson Witnessed by Jerry Guy + Nick Tinker

Temp. Survey ran @ NO (AM) (PM) Date 6-28-76 top cement @ surface

Casing test @ 11:15 (AM) (PM) Date 6-28-76 - plug held 1000# press

Method Used Rig pump Witnessed by Nick Tinker

Checked for shut off @ (AM) (PM) Date

Method used Hydrostatic Witnessed by C. R. Forbes

Remarks:

6-28-76

Ran 8 5/8" csg to 1002' DF cin cem to surface

Witness: Nick Tinker



LTR



Job separation sheet

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LAND OFFICE	
OPERATOR	1

NEW MEXICO OIL CONSERVATION COMMISSION

JUN 3 1976

O. C. C.
ARTESIA, OFFICE

30-015-21828

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. E-5313
7. Unit Agreement Name
8. Farm or Lease Name Empire Abo Unit "L"
9. Well No. 131
10. Field and Pool, or Wildcat ✓ Empire Abo
12. County Eddy
19. Proposed Depth 6200'
19A. Formation Abo Reef
20. Rotary or C.P. Rotary
21. Elevations (Show whether DF, KI, etc.) 3529.2' GR
21A. Kind & Status Plug. Bond GCA #8
21B. Drilling Contractor Hondo Drlg. Co.
22. Approx. Date Work will start 7/10/76

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ DRILL ☒ DEEPEN ☐ PLUG BACK ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐	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 M LOCATED 100 FEET FROM THE South LINE AND 100 FEET FROM THE West LINE OF SEC. 2 TWP. 18S RGE. 27E NMPM
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	1000'	600	Circ to surface
7-7/8"	5-1/2" OD	14# K-55	6200'	1100	Circ to surface

Propose to drill a producing oil well in the Empire Abo Unit to complete a more efficient producing pattern, to conserve energy, promote the greatest ultimate recovery of reserves, prevent waste & protect correlative rights. Proposed non-standard well location to meet all requirements of Order No. 4549-B, Rule 14, NSL 743.

See Blowout Preventer Program attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 9-4-76

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 6/1/76

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUN 4 1976

CONDITIONS OF APPROVAL, IF ANY:

Minimum WOC time 18 hrs.

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 7/8" casing

N MEXICO OIL CONSERVATION COMMISS
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
 Supersedes O-128
 Effective 4-6-65

All distances must be from the outer boundaries of the Section

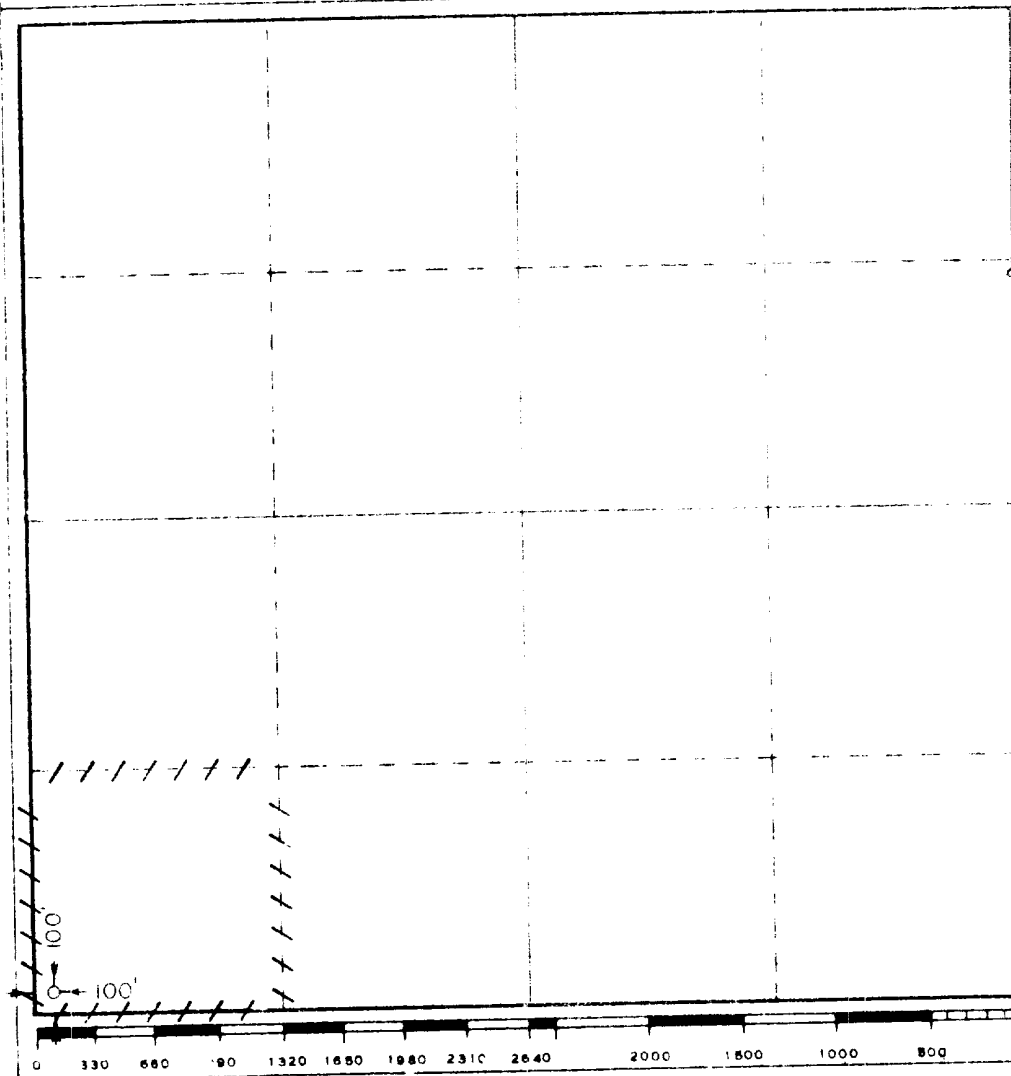
Operator Atlantic Richfield Company			Lease Empire Abo Unit L		Section 131
County M	Section 2	Township 18 South	Range 27 East	Name Eddy	
Well Location of Well: 100 feet from the South line and 100 feet from the West line Distance from NE corner 3529.2 Abo Reef Empire Abo 40					

1. Outline the acreage dedicated to the subject well by colored pencil or hatch marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership (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 (if so, 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

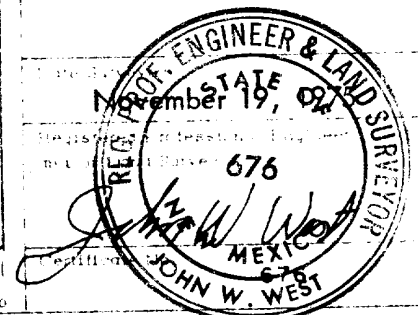
I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief.

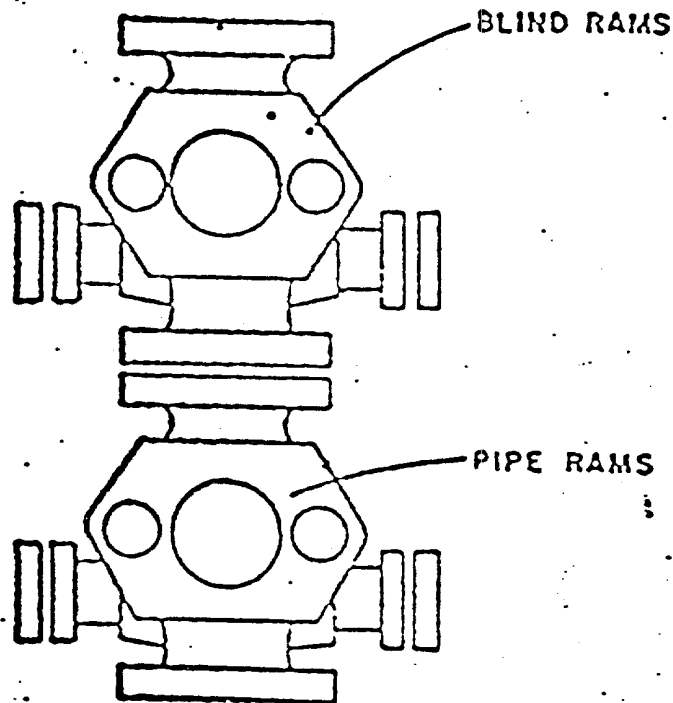
[Signature]
 Dist. Org. Supr.

Atlantic Richfield Company

6/1/76

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.





ATLANTIC RICHFIELD COMPANY
Blow Out Preventer Program

Lease Name Empire Abo Unit "L"

Well No. 131

Location 100' FSL & 100' FWL
Sec 2-18S-27E, 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.