

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

RECEIVED 107
57-61

NOV 19 1974

Operator Yates Petroleum Corporation		County Eddy		Date ARTESIA, OFFICE 11-14-74	
Address 207 So. 4th St., Artesia, New Mexico		Lease Federal "CR" Com		Well No. 1	
Location of Well	Unit M	Section 29	Township 17South	Range 25East	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X
2. If answer is yes, identify one such instance: Order No. _____; Operator Lease, and Well No.: _____

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Richard Knob-Canyon		Richard Knob-Atoka
b. Top and Bottom of Pay Section (Perforations)	6999-7006' 7114-7175'		7944-7964'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Sun Oil Company 12350 Hillcrest Dallas, Texas 75230

Yates Petroleum Corporation 207 So. 4th Street., Artesia, New Mexico 38210

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO _____. If answer is yes, give date of such notification 11-14-74.

CERTIFICATE: I, the undersigned, state that I am the Chief Engineer of the Yates Petroleum Corp. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Eddie M. Mahfood
Eddie M. Mahfood Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of

YATES PETROLEUM CORPORATION

DIAGRAMMATIC SKETCH OF PROPOSED DUAL COMPLETION

Federal "CR" Com #1, 660' FSL & 660' FWL of Section 29-17S-25E Eddy Co., NM

Spudded 7-31-73
Dual Completion 9-25-73

Lost Circ. @ 253', dry drld.
Top of San Andres @ 634' KB

Base of Artesian Zone @ 927' KB

Cored Slaughter Dolomite
1196-1326 w/scattered shows

Glorietta Sand @ 1917-2030'

Top of cement at 6000'
Cisco formation top @ 6245'
Possible Cisco pay @ 6496-6511'

Canyon Pay - 6999-7174'
*Flowed 1183 MCFPD 3/4" ck 9-23-73
NOTE: Blast jts opposite perfs,
BFC Model L Sliding Sleeve @ 7213

Poss. Strawn pay @ 7642-7649'

Atoka pay 7944-7964
*Flowed 6750 MCFPD 3/4" ck
9-25-73

Total Depth - Driller 8340 =
8342 EL.

Tbg Compl. - Atoka (Lower Penn)
Csg Annulus Compl. (Upper Penn)

17" hole to 180' KB
161' 13-3/8" H-40 @ 180' KB
w/100 sx Class C 4% CaCl, circ.

12 1/4" hole to 1038' KB
989 9-5/8" 32.3# H-40 @ 1007'
w/700 sx Class C 2% CaCl,
notched Tex-Patt Shoe, central-
izers @ 905, 578, 510, bsks @
542, 479', circulated.

7" 23# Howco DV Tool @ 2204' KB
cmt'd w/225 sx Hal-Lite, est. top
cmt @ 50'

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ARTESIA, OFFICE

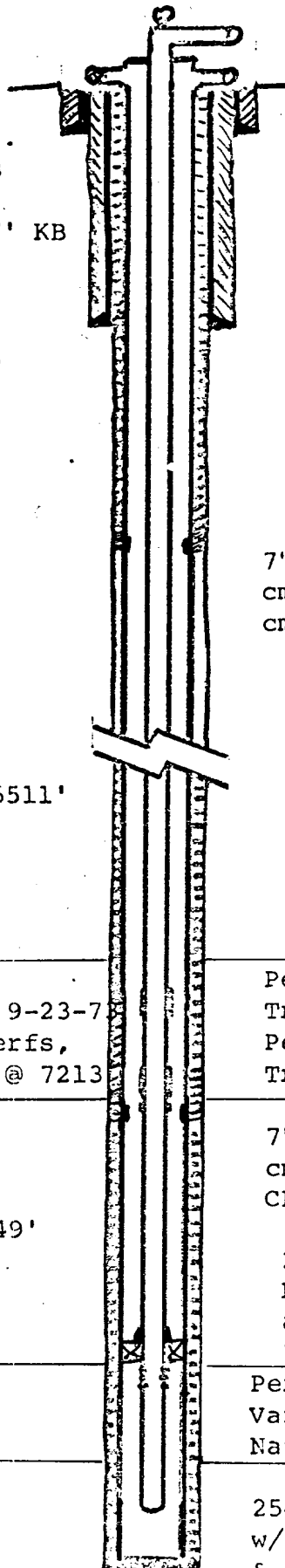
Perf 6999-7006 w/15-0.50" jets
Trtd w/1250g 15% acid & 2000g CRA
Perf 7164-7174 w/20-0.50" jets
Trtd w/1000g NEA & 7500g CRA

7" 26# Howco DV Tool @ 7276' KB
cmt'd w/260 sx Class H cmt w/3/4%
CFR-2, 5# salt.

2-3/8" EUE 4.7# Tbg on Baker 7"x2'
Lockset Pkr top @ 7870', PSI Actua-
ted Sleeve & perf sub @ 7874-
7878'

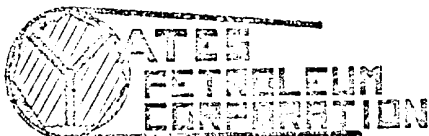
Perf 7945-7963' w/72-9.41 jets on
Van Tool Tbg-Conveyed Gun
Natural Completion

254 jts 7" 23&26# K-55, N-80 csg
w/float shoe, 3-stage cmenter Eqpt
& 10 centralizers, cmt'd w/195 sx
Class H cmt w/3/4% CFR-2, 5# salt.



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Bill Giesett
Oce. Artesia



YATES BUILDING - 207 SOUTH 4TH ST.
ARTESIA, NEW MEXICO - 88210

November 14, 1974

Mr. A.L. Porter, Jr. Secretary-Director
New Mexico Oil Conservation Commission
P.O. Box 2093
Santa Fe, New Mexico 87501

S. P. YATES
PRESIDENT
MARTIN YATES, III
VICE PRESIDENT
JOHN A. YATES
VICE PRESIDENT
B. W. HARPER
SEC. - TREAS.

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NOV 19 1974

O. C. C.
ARTESIA, OFFICE

RE: Dual Completion, Richard Knob
Cisco-Canyon, Richard Knob Atoka,
Richard Knob Morrow,
Eddy County, New Mexico

Dear Sir:

Yates Petroleum Corporation seeks permission to dually complete and produce four wells in a New Pool area to be hereafter designated as Richard Knob, and a procedure whereby additional wells drilled within this area maybe dually completed without Notice and Hearing.

The Federal "CR" #1 Com, located 660' FSL and 660' FWL of Section 29-T17S-R25E. is completed with Canyon Perforations (6999-7006'; and 7164-7175') in casing annulus with Blast Joints on tubing string opposite Canyon Perforations and a Sliding Sleeve above packer and blank-off nipple, and with Atoka Perforations (7944-7964') open to the tubing under packer. Neither the Canyon nor Atoka produces much fluid. Should the Canyon accumulate fluid after prolonged flow, however, this fluid may be blown down thru the tubing by setting with wireline a Blanking Plug in blank-off nipple located on top of the packer thereby shutting in the Atoka completion, and opening a Sliding Sleeve located above the Blanking Plug. After unloading the Canyon, the Sliding Sleeve will be closed and Blanking Plug pulled returning well to dual status.

The State "CY" #1, located 1930' FSL and 1930' FWL of Section 32-T17S-R25E, is to be completed with Cisco Perforations (6330-82'; 6397-99'; 6431-37'; and 6641-43') in tubing and Strawn-Atoka Perforations (7732-86'; 7997-99'; 3002-04'; and 3066-70') in casing annulus using two packers and a cross-over assembly. Blast joints will be installed opposite Cisco Perforations, packer with on-off tool below the Cisco Perforations, and packer with cross-over tools above the Cisco Perforations. By pulling the cross-over tool and replacing with a straight-thru tool, the Cisco may be shut in between the two packers and the Atoka will then be open in the tubing for unloading or remedial work as may be needed.

*they have also made
application for NSL 11-14-74*

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The Federal "CZ" #1, located 660' FNL and 1930' FEL of Section 3-T13S-R25E, is to be completed with Cisco Perforation (6554-76') in tubing and Morrow Perforations (8338-83') in casing annulus using two packers and a cross-over assembly, as above.

The Powell "DC" #1 Com, located 660' FSL and 1930' FEL of Section 35-T13S-R25E, is to be completed with Cisco Perforations (6539-44'; 6574-82'; 6611-22'; and 6675-83') in tubing and Morrow Perforations (8367-68' and 8380-86') in casing annulus using two packers and a cross-over assembly, as above.

Please schedule this hearing on the same docket as Continued Case 5367. Thank you.

Yours very truly,

YATES PETROLEUM CORPORATION


Eddie M. Mahfood

EM/pt