

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

Form C-107
5-1-61

Operator Yates Petroleum Corporation		County Eddy		Date 11-14-74
Address 207 So. 4th St., Artesia, New Mexico		Lease Powell "DG"		Well No. 1 = Com
Location of Well	Unit O	Section 35	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-Cisco		W. Atoka Morrow
b. Top and Bottom of Pay Section (Perforations)	6539-6633'		8339-8338'
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.

Superior Oil Company, Box 1900, Midland, Texas 79701

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Atlantic Richfield Company, Box 1610, Midland, Texas 79701

NOV 14 1974

Coquina Oil Corporation, 200 Bldg. of the SW, Midland, Texas 79701

O. C. C.

Amoco Production Company, Box 3092, Houston, Texas 77001

ARTESIA, OFFICE

Yates Petroleum Corporation, 207 South 4th Street, Artesia, New Mexico 89210

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

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 the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

YATES PETROLEUM CORPORATION
Powell "DG" #1 Com, 660' FSL, 1930' BEL, Section 35-T17S-R29E
Eddy County, New Mexico

Spudded 6-14-74
Morrow Completion 8-22-74
Cisco Completion
Elevation 3490' GR-3505' KB

Tubing Completion - Cisco
Casing Completion - Morrow

cmt circ. on surface & intermediate csg
17 1/2" hole to 391'
13 3/8" 43# J-55 csg (336') set at 391' KB
cmtd w/250 sx and 4 yards ready mix

Top San Andres @ 778

12 1/4" hole to 1238' KB

Base of Artesian @ 1138

34 fts 8 5/8" 24# J-55 csg (1223') set at
1223' KB. cmtd w/1100 sx. centralizers at
1113 and 700', Baskets at 741 and 667',
Guide shoe.

Top of cmt. behind 4 1/2" csg at 6050'
4 1/2" Baker Model AR-1 Pkr w/cross-over
(profile 1.37) at approx

Cisco at 6435'

Pf 6539-44'
Pf 6574-32'
Pf 6611-22'
Pf 6675-33'

Canyon at 7341'

4 1/2" DV tool at 6322' KB,
cmtd w/200 sx Cl C; 1/2% CFR2, 5% salt

Strawn at 7731'

Atoka at 8115'

Morrow Clastics at 8304'
flowed 1.01 MMCFPD w/7 EO on
3/4" choke at 55 psi TP

Pf 8367-63' Treated w/1000 g 7 1/2% MSA & N2
Pf 8330-36' SF w/17000# 20/40 sd in
15000 g KCl wtr and CO2

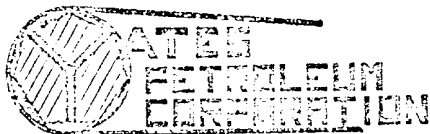
Chester at 8475

265 fts 4 1/2" 10.5-11.6# K-55 csg set at 8561' KB
cmtd w/250 sx Cl H 3/4% CFR2, 5% salt

TD 8740'

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Bill Gressett
Oce, Artesia



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

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

November 14, 1974

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Mr. A.L. Porter, Jr. Secretary-Director
New Mexico Oil Conservation Commission
P.O. Box 2033
Santa Fe, New Mexico 87501

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 (6380-32'; 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.

Page 2:
November 14, 1974

The Federal "CZ" #1, located 660' FSL and 1930' FEL of Section 3-T13S-R25E, is to be completed with Cisco Perforations (6554-76') in tubing and Morrow Perforations (8338-88') 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 3S-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