

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Operator Yates Petroleum Corporation		County Eddy	Date 7-14-75
Address 207 South 4th Street-Artesia NM		Lease Federal "EF" 8831	Well No. 1-Com
Location of Well Unit 0	Section 6	Township 18-S	Range 25E

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 ☐

2. If answer is yes, identify one such instance: Order No. R-4955; Operator, Lease, and Well No. Yates Petroleum Corporation Federal "CZ" No. 1-B-8-18-25

3. The following facts are submitted:		Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation		Richards Knob		Richards Knob
b. Top and Bottom of Pay Section (Perforations)		Upper Penn 6412-6568		Morrow 8202-8212
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 mark YES or NO)

- ☒ 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.
- ☒ 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.
- ☒ 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.*
- ☒ 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.
Yates Petroleum is sole offsetting operator

RECEIVED

JUL 25 1975

O. C. C.

ARTESIA, OFFICE

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ If answer is yes, give date of such notification 7-14-75

CERTIFICATE: I, the undersigned, state that I am the Engineer of the Yates Petroleum Corporation (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 Mahood

Signature

Engineer

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

RECEIVED

DIAGRAMMATIC SKETCH
OF
PROPOSED DUAL COMPLETION

JUL 25 1975

O. C. C.
ARTESIA, OFFICE

YATES PETROLEUM CORP.

Federal "EF" Com. No. 1

660' FSL 1980' FEL Sec 6-18S-25E

Spudded 4-23-75

TD reached 5-16-75

Morrow Compl. 5-28-75

U. Penn. Compl. 7-11-75

Top San Andres @ 646' KB

Base Artesian Zone @ 932' KB

Elev. 3649 GR

Tbg. Completed in Morrow

Csg. Completed in Morrow

17 1/2" hole to 205' KB

12 3/4" 34# Csg set @ 200' KB

Cmtd. w/ 125 sx. circ. to surface

12" hole to 1040' KB

8 5/8" 24# set @ 1037' KB

Cmtd. w/ 450 sx. circ. to surface

Top of cement @ 6020' KB

4 1/2" x 2" Guiberson UNI VI Packer
w/ Cross-Over (Profile 1.87) @ 6372' KB

Perf 6412-16/8 jets, 6443-47/8 jets,
6487-91/8 jets, 6553-68/30 jets
Trtd w/ 19500g. 15% DS-30 & CO₂

Top of Penn @ 6410' KB

GAS ZONE
Flowed 1600 mcfpd

Blast Joints @ 6407-6579

Sliding Sleeve @ 8146

2 3/8" EUE Tubing on Guiberson UNI VI
Packer @ 8181 KB w/ On-Off Tool @ 8179
(Profile 1.81" BP Receptacle).

Top of Morrow @ 8185' KB

GAS ZONE
Flowed 900 mcfpd

Perf 8202-12/40 jets
Trtd w/ 1000g. 7 1/2% MSA & N₂
SF 12000" 2 3/4 in 10000g. MSA w/ CO₂

2098' of 4 1/2" 11.6# K-55 LT & C and

6205' of 4 1/2" 10.5# K-55 LT & C csg.

Cmtd w/ 560 sx. CI H + 0.5% CFR-2 + 5% KCl

PBTD @ 8287' KB (Float collar)

Guide shoe @ 8320' KB

TD 8413 KB

Upper Penn w/

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

FEDERAL "EF" No. 1 Com

FIELD 12/12/57

COUNTY SDD STATE New Mexico

420' BY 1510 FEET

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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21101	6	17-5	25-E
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El. 3632

3-47. ABOVE PERM. VOID

1012075	
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[illegible]

03/12

552

25-1-1945

[illegible][illegible][illegible]

2	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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Handwritten musical notation on a five-line staff, featuring a treble clef and a key signature of one flat (B-flat). The notation includes a series of eighth and sixteenth notes, with a fermata over the final note. The piece is titled "F" at the end of the staff.

725-60069					
725-60069					

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