

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Vates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th Street-Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FSL & 1980' FEL of Sec. 14-20S-26E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
Eddy13. STATE
NM

15. DATE SPUDDED

11-11-78

16. DATE T.D. REACHED

12-21-78

17. DATE COMPL. (Ready to prod.)

Dry

18. ELEVATIONS (DF, RSB, RT, GR, ETC.)*

3299' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10425'

21. PLUG, BACK T.D., MD & TVD

2533'

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-10425'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Dry

25. WAS DIRECTIONAL
SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/FDC, DLL

27. WAS WELL CORED
No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	422'	17 1/2"	500 sacks	
8-5/8"	24#	2217'	12 1/4"	1200 sacks	
4 1/2"	11.6#	10345'	7-7/8"	765 sacks	6028'

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Indicate size and number)

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32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
Dry

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Geol. Secty.

DATE

6-12-79

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers', geologists', sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 32.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROSITY ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CESSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			DST #1 7985-8064' - TO 30", SI 90", OP
			SI 180". OP w/weak blow on 1/2" choke. CST 12".
			Reop 1/4" choke 45#, increased to 110# in 2 hrs.
			Recovered: 653' GCDP. Sampler: 250#, 6.25 cftg.
			400 cc distillate. BHT 139 deg. Pressures: HP
			3824-3793; IFP 186-213; ISIP 3232; PFP 146-293;
			FSIP 3308.
			DST #2 9994-10111' - TO 30", SI 90", TO 60",
			SI 180". TO w/fair blo, incrd to strong blo.
			GTS in 8" - 80# on 1/4" ch, incrd to 100#. Reop
			- no gts. Rec. 60" DF, 1225' formation fluid.
			Sampler: 485#, 0.3 cftg, 2200 cformation fluid.
			BHT 180 deg. Press: HP 4996-4996; IFP 194-473;
			ISIP 4250; PFP 473-817; FSIP 4271.
			DST #3 10120-10199' - Mis run

38.

(GEOLOGIC MARKERS)

NAME	MEAN DEPTH	TRUE VERT. DEPTH
Yates	552'	
San Andres	1500'	
Bone Springs	2343'	
Wolfcamp	7643'	
Canyon	8500'	
Strawn	8800'	
Atoka	9516'	
Morrow Clas-	10015'	
tic		

RECEIVED

JUN 13 1970

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

WELL NAME AND NUMBER Roaring Springs K.B. Federal #1

JUN 15 1979

LOCATION Eddy County, New Mexico

(Give Unit, Section, Township and Range)

OPERATOR Yates Petroleum Corp. 207 S. 4th Street, Artesia, New Mexico 88210

O. C. C.

ARTESIA, OFFICE

DRILLING CONTRACTOR Capitan Drilling Co., Inc., P. O. Box 6725, Odessa, Texas 79762

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 422</u>	<u>2-1/4 7,956</u>	<u> </u>
<u>3/4 998</u>	<u>2 8,400</u>	<u> </u>
<u>1 1,458</u>	<u>1-3/4 9,310</u>	<u> </u>
<u>3/4 1,973</u>	<u>2 10,003</u>	<u> </u>
<u>1/4 2,339</u>	<u>3/4 10,200</u>	<u> </u>
<u>1 2,837</u>	<u> </u>	<u> </u>
<u>2 3,352</u>	<u> </u>	<u> </u>
<u>2 3,603</u>	<u> </u>	<u> </u>
<u>2-1/4 4,082</u>	<u> </u>	<u> </u>
<u>2-1/4 4,660</u>	<u> </u>	<u> </u>
<u>1 5,046</u>	<u> </u>	<u> </u>
<u>5,564</u>	<u> </u>	<u> </u>
<u>1/4 6,104</u>	<u> </u>	<u> </u>
<u>1/2 6,540</u>	<u> </u>	<u> </u>
<u>1/2 7,020</u>	<u> </u>	<u> </u>

Drilling Contractor Capitan Drilling Co., Inc.By: W. N. Rees, Jr., Vice-PresidentSubscribed and sworn to before me this 5th day of January, 19 79
Brenda Stone Brenda Stone
 Notary Public
My Commission Expires: 3-14-79Ector County Texas