DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Vates Petroleum Corporation Vates Petroleum Corporation 105 South Fourth St Artesia, NM 88210 505-748-1471 106 Carrier of Petroleum Corporation At our face 1980' FNL; 660' FEL (Unit H, SENE) 116 Ferriti NO. 117 Petroleum Corporation At total depts 116 Ferriti NO. 117 Petroleum Corporation 11
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ADDRESS AND TELEPHONE NO. 10. SOUTH FOURTH St. — Artesia, NM 88210 505-748-1471 ACATION OF WELL (Reper location clearly and in accordance with any State requirements) At top prod. Interval reported below At top prod. Interval reported below At total depth 11. FERRIT NO. 12. JULY BACK TOWN AREA TO BEACHED 17. DATE COMPL. (Ready to prod.) 13. STATE TOWN AREA TO BEACHED 17. DATE COMPL. (Ready to prod.) 14. FERRIT NO. 15. SEC. 10-T8S-R26E 16. COMMY OF TAX OF TOWN AREA TO NOT TOWN AREA TO SEC. 10-T8S-R26E 17. COMMY OF TAX OF TOWN AREA TOWN ARE
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12-2-00 2-18-00 9-18
THE PROPERTIES AND A TYPE 21, FLUE, SACK T.D., NO A TYPE 22, HONN MANTY 140-6025
PRODUCING INTERVAL(B), OF THIS CONFLICTION—TOF, BOTTON, NAME (MD AND TVD)* 25. WAS DIRECTIONAL STREET LOGS RUN CNL/LDC, Laterolog & Sonic CASING RECORD (Report all strings set in well) ASSING SIZE/GRADE **WEIGHT, LB/FT.** DEFTH SET (MD) 16" 40' 20" cement to surface 8 5/8" 24# 908' 12 1/4" 450 sx-circulate 5 ½! 15.5# 6025' 7 7/8" 400 sx LINER RECORD **LINER RECORD **LOGS CEMENT** **SCHOOL (MD) **SCHOOL (MD) **COLOR ARTERITATION **COLOR STREET STREET **COLOR
STORE-5780' Penn TIPE ELECTRIC AND OTHER LOGS RUN CNL/LDC, Laterolog & Sonic CASING RECORD (Report all strings set in well) ANNO SIZE/ORADE CASING RECORD (Report all strings set in well) ANNO SIZE/ORADE CASING RECORD (Report all strings set in well) ANNO SIZE/ORADE CASING RECORD (Report all strings set in well) AND CEMENT (MD) TOP OF CEMENT, CEMENTING RECORD AMOUNT PULLED CEMENT to Surface AMOUNT PULLED AND TUBING RECORD FIRST PRODUCTION BECORD (Interval, size and number of particles) AND TUBING RECORD RECEIVED ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. PRODUCTION FIRST PRODUCTI
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PERFORATION RECORD (Interval, size and number) CO RECEIVED DEPTH DEFENDANCE (SEMENT SQUEEZE, ETC. PRODUCTION AMOUNT AND KIND OF MATERIAL USED See attached sheet OCD - ARIESIA See attached sheet PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Producing Producing Producing OF 188T HOURS TESTED CHOKE BIZE TEST PROD'N. FOR TEST PROD'S. TEST PROD'S. GAR—MCF. WATER—BBL. USEOU RATIO N. TUBING PROSS. CASING PRESSURE CALCULATED 24-BOUR RATE 200# Packer PACKET OLD - ARIESIA Size Add number to DEPTH DEFENDENCE COMMENTS AND KIND OF MATERIAL USED See attached sheet OCD - ARIESIA Size Add number to DEPTH DEFENDENCE COMMENTS AND KIND OF MATERIAL USED See attached sheet OCD - ARIESIA Size Add number to DEPTH DEFENDENCE COMMENTS AND KIND OF MATERIAL USED SEE ATTO OIL STATUS (Producing or Producing OIL—BBL. GAR—MCF. WATER—BBL. USEOU RATIO OIL GRAVITY-API (CORE.) N/A OIL GRAVITY-API (CORE.)
PERFORATION RECORD (Interval, size and number) CO RECEIVED DEPTH OF SERVAL (MD) 900-5996' W/36 .41" holes 906-5922' W/24 .42" Holes 708-5780' W/32 .4/" holes 708-5780' W/84 .41" holes PRODUCTION B FIRST PRODUCTION FRODUCTION METHOD (Flowing, gae lift, pumping—size and type of pump) 8-4-2000 Flowing 10-7-00 24 18/64" FROD'N. FOR OIL—BBL. GAR—MCF. WATER—BBL. GABOUR BATIO 10-7-00 24 18/64" GAB—MCF. WATER—BBL. OIL—BBL. GAB—MCF. WATER—BBL. OIL GBRVITT-API (CORR.) W. TUBING PRODUCT 10-881. GAB—MCF. WATER—RBL. OIL GRAVITT-API (CORR.) N/A
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See attached sheet OCD - ARTESIA OCD - ARTESIA See attached sheet OCD - ARTESIA OCD - ARTESIA See attached sheet OCD - ARTESIA OCD - ARTESIA See attached sheet OCD - ARTESIA See attached sheet OCD - ARTESIA See attached sheet OCD - ARTESIA OCD - ARTESIA See attached sheet OCD -
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TO THE OF THE TOTAL CHOKE SIZE PROD'N. FOR OIL—BBL. GAR—MCF. WATER—BBL. GAS-OIL RATIO 10-7-00 24 18/64" S12E PERIOD 351 N/A W. TUBING PROS. CASING PRESSURE CALCULATED 24-HOUR RATE 24-HOUR RATE 351 N/A
10-7-00 24 18/64" TEST PERIOD 351 / N/A W. TURING PRESSURE CALCULATED OIL.—BBI GAS—MCF. WATER-RBL. OIL GRAVITY-AFI (CORR.) 200# Packer 351 / N/A
W. TUBING PRESS. CASING PRESSURE CALCULATED OIL—BBI. GAS—MCF. WATER—RBL. OIL GRAVITY-AFF (CORE.) 200# Packer 351
200# Packer 351 / N/A
2001 1 GCRC1 TRET WITNESSED BY
Distriction of Ave (post, sees)or Jucy,
Sold Mike Montgomery
LIST OF ATTACHMENTS
Deviation Survey & Logs
I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
Operations Technician pare
SIGNED 7 WALL TITLE OPERATIONS TECHNICIAN DATE

				FORMATION	drill-stem, tests, i recoveries):
				TOP	including depth is
				BOTTOM	nterval tested, cushic
				DESCRIPTION, CONTENTS, ETC.	drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):
Cisco Penn Clastico Mississippian Ordovician	Yeso Tubb ABO	San Andres Glorieta	2		38. GEO
5566 5682 5828 5894	2162 * 3594 * 4325 * 5016 *	958' 2040'	MEAS. DEPTH	ı	GEOLOGIC MARKERS
			TRUE VERT. DEPTH	TOP	

Yates Petroleum Corporation Jasper ARJ Federal Com #3 Section 10-T8S-R26E Chaves County, New Mexico

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

DEPTH INTERVAL

TREATMENT

DEPIRINTERVAL	IREATMENT
5990-5996'	Acidized with 250 gallons of 20% iron control HCL acid. Re-acidized with 500 gallons of 20% iron control HCL acid. Re-acidized with 1500 gallons of 20% iron control HCL acid. Re-acidized with 3000 gallons 20% iron control HCL acid
5990-5996'	Retainer set at 5980'. Mix and pump 57 sacks Class C with fluid loss & 75 sacks Class C Neat. Squeezed to 2700# with 112 sacks In formation.
5906-5922'	Acidized with 250 gallons of 20% iron control HCL acid Re-acidized with 500 gallons of 20% iron control HCL acid. Re-acidized with 1000 gallons 20% iron control HCL acid.
5906-5922'	Re-acidized with 3000 gallons 20% iron control HCL acid.
5708-5780'	Acidized with 1400 gallons 7 ½% iron control acid.
5708-5780'	

Frac'd with 24000 gallons 65Q N2 crosslinked foam & 20000# 16-30 Brady sand-Pressured out. Total sand in formation 6000#.

YATES PETROLEUM CORPORATION Jasper ARJ Federal Com #3 Section 10-T8S-R26E Chaves County, New Mexico

#32: ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. CONTINUED:

DEPTH INTERVAL	TREATMENT
5774-5780'	Acidized with 750 gallons of 7-1/2% iron control acid & ball sealers
5708-5716 '	Acidized with 750 gallons of 7-1/2% iron control acid
5708-5780	Acidized with 82,148 gallons of 65Q CO2 foam, 100000# 20-40 Ottawa sand and 4250# 100 mesh sand

L & M DRILLING, INC.

OIL WELL DRILLING CONTRACTORS
PO BOX 1370 ARTESIA, NEW MEXICO 88211-1370
(505) 746-4405 746-3518 748-2205

February 24, 2000

Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88219

RE:

Kjasper ARJ Federal #3 1980' FNL & 660' FEL Sec. 10, T8S, R26E Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

DEPTH	DEVIATION
472'	1/4°
660'	3/4°
1387	3/ 4 °
1918'	1°
2417'	3/4°
2909'	3/4°
3317'	1°
3917'	1°
4397'	3/4°
5023'	3/4°
5522'	1 1/2°
5607'	3/ 4 °
6025'	1°

Very truly yours,

Eddie C. LaRue Vice President

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me

this 25th day of February, 2000.

Notary Public



