

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions
on reverse side)

LEASE DESIGNATION AND SERIAL NO.

NM 043625

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Saguaro AGS Federal Com

WELL NO.

12

FIELD AND POOL, OR WILDCAT

South Dagger Draw U/Penn

SEC. T., R. N., OR BLOCK AND SURVEY
OR AREA

Unit L, Sec. 14-T20S-R24E

COUNTY OR
PARISH

Eddy

STATE

NM

ELEV. CASINGHEAD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL
WELL ☒

GAS
WELL ☐

DRY ☐

1b. DATE OF COMPLETION:

DEEP
EN ☐

PLUG
BACK ☐

DIFF.
RESER. ☐

2. NAME

YATES 1 GEUM CORPORATION

(505) 748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 1000' FSL & 660' FWL, Sec. 14-T20S-R24E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API #30-015-26982

15. DATE SPUDDED

6-23-92

16. DATE T.D. REACHED

7-21-92

17. DATE COMPL. (Ready to prod.)

7-31-92

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

3635' GR

20. TOTAL DEPTH, MD & TVD

8080'

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

8027'

22. IF MULTIPLE COMPL.,
HOW MANY*

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

7718-7752' Canyon

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL

CASING RECORD (Report all strings)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
20"		40'	26"	Redi-Mix
9-5/8"	36#	1100'	14-3/4"	1100 SX
7"	23# & 26#	8080'	8-3/4"	1650 SX

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	7770'	

31. PERFORATION RECORD (Interval, size and number)

7718-7752' w/32 - .50" Holes

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7718-52'	w/20000g. 20% NEFE acid.

PRODUCTION

33.*		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		Pumping					Producing	
7-28-92				PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
				→	378	874	179	2312
DATE OF TEST		HOURS TESTED	CHOKE SIZE					
7-31-92		24	Open					
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
160		160	→	378	874	179	42°	
							TEST WITNESSED BY	

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

Sold - connected to Yates Gas Gathering 7-28-92

35. LIST OF ATTACHMENTS

Logs, Deviation Survey, DST's

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

SIGNED

TITLE Production Supervisor

DATE 7-31-92

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Andres Glorieta Bone Springs Lime Wolfcamp Lime Canyon Lime	470 2023 3274 5568 7512	

YATES PETROLEUM CORPORATION

Saguaro "AGS" Federal Com #12
Sec. 14-20S-24E
Unit L
Eddy County, NM

DRILL STEM TESTS

DST #1 6240-6315' WOLFECAMP: TIMES: 15", 60", 90", 180", 60". RECOVERY: 1881' (19.8 bbls) formation water, Cl 68,000; 80' (0.3 bbls) drilling mud, Cl 53,000. SAMPLER: 730 psi, 1.37 cu ft gas, 180 cc water, 70,000 Cl; 0.1 Rw @ 75 deg. PRESSURES: DEPTH 6309', BHT 123 deg F., IHP 3041, IFP 205-329, ISIP 2462, 2nd FP 243-670, FSIP 2405, FFP 705-1002, FHP 3041.

DST #2 7640-7700' CANYON: TIMES: 15", 60", 60", 180", 70". RECOVERY: 855' (4.91 bbls) drilling mud, Cl 72,000. SAMPLER: 475 psi, 2.56 cu ft gas, 50 cc mud, Cl 72,000. PRESSURES: DEPTH 7611', BHT 149 deg F., IHP 3760, IFP 195-322, ISIP 1844, 2nd FP 259-512, FSIP 1844, FFP 284-525, FHP 3747.

DST #3 7702-7750' CANYON: TIMES: 15", 60", 60", 180", 60". RECOVERY: 293' (4.2 bbls) oil, 42 API at 72 deg, 140' (2 bbls) drilling mud, CL 59,000, 2352' (25.3 bbls) formation water, Cl 39,000. SAMPLER: 500 psi, 2.45 cu ft gas, 440 cc 42 gravity oil at 72 deg, 600 cc water, Cl 39,000. PRESSURES: DEPTH 7744', BHT 146 deg F., IHP 3819, IFP 254-380, ISIP 1830, 2nd FP 380-692, FSIP 1805, FFP 642-892, FHP 3819.

DST #4 7752-7800' CANYON: TIMES: 15", 60", 60", 180", 60". RECOVERY: 240' (1.1 bbls) formation water, Cl 47,000. H2S 25 ppm. SAMPLER: 150 psi, 0.65 cu ft gas, 500 cc water, 49,000 Cl 0.17 Rw @ 70 deg. PRESSURES: DEPTH 7794', BHT 149 deg F., IHP 3810, IFP 132-144, ISIP 994, 2nd FP 132-157, FSIP 1654, FFP 144-183, FHP 3810.