

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse)

Form approved.
Budget Bureau No. 42-R355.5.

LEASE DESIGNATION AND SERIAL NO.

NM 17252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Colvin Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 17, T-20-S, R-39-E

12. COUNTY OR PARISH

Lea

13. STATE

NM

1a. TYPE OF WELL:

OIL

WELL ☐

GAS

WELL ☒DRY ☐

b. TYPE OF COMPLETION:

NEW

WELL ☒

WORK

OVER ☐

DEEP-

EN ☐

PLUG

BACK ☐

DIFF.

RESVR. ☐

Other

2. NAME OF OPERATOR

Alpha Twenty-One Production Company

3. ADDRESS OF OPERATOR

P.O. Box 1206, Jal, NM 88252

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

At surface 660' FNL & 330' FEL, Sec. 17, T-20-S, R-39-E,

At top prod. interval reported below Lea County, New Mexico

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-16-82

16. DATE T.D. REACHED

3-26-82

17. DATE COMPL. (Ready to prod.)

6-2-82

18. ELEVATIONS (DF, REB, RT, OR, ETC.)*

Ground Level 3538' GL

19. ELEV. CASINGHEAD

GL

20. TOTAL DEPTH, MD & TVD

4421'

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

3360'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

4421'

CABLE TOOLS

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

2889 - 3326 (Seven Rivers/Yates)

25. WAS DIRECTIONAL

SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density Neutron Log, Guard Fork Log, Gamma Collar Perf.

27. WAS WELL CORED

No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4		30	15	Redimix to Surface	
8-5/8		1014	12-1/4	500 sx Cl.C, 2% Cacl, Circ.	
5-1/2		4416.95	8-5/8	1st Slr. 675 sx Hal. Lt., Circ.	
				2nd Slr. 575 sx Cl.C 50/50 Pozmix, Circ.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8	3331'	

31. PERFORATION RECORD (Interval, size and number)

2889, 2890, 2892, 2916, 2918, 2920, 2922, 2924, 2926, 2946, 2948, 2950, 2952, 2970, 2972, 2974, 2976, 2978, 2980, 2982, 2985, 2987, 2988, 3075, 3076, 3078, 3085, 3086, 3087, 3100, 3101, 3120, 3122, 3123, 3124, 3136, 3162, 3199, 3200, 3224, 3235, 3236, 3326 (43 Perfs)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2889-3326	3000 gals. 15% NE acid.
2889-3326	60,000 gals frac fluid and 1310 sx sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-6-82		Pumping--American 80				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-2-82	24	32/64	→	2-1/2	320	7	128,000/1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
Pump	51	→	2-1/2	320	7	36	

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

Vented

TEST WITNESSED BY

R. Lansford

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

Robert W. Lansford

TITLE

Vice Pres/Energy Resources

DATE

6-8-82

*(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 35.

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 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	MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed	0	1600'	Sand/Red Beds	Anhydrite	1000'	1000'
Anhydrite	1600'	1720'	Anhydrite	Yates	2850'	2850'
Salt	1720'	2745'	Salt	Queen	3670'	3670'
Dolomite	2745'	2883'	Anhydrite/Salt/Dolomite	San Andres	4320'	4320'
Yates	2883'	3700'	Sand/Anhydrite/Dolomite/Salt			
Queen	3700'	4317'	Sand/Dolomite			
San Andres	4317'	4421'	Dolomite			

RECEIVED
JUL 2 1982
O.C.D.
HOBBS OFFICE