

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-R352.5.

5. LEASE DESIGNATION AND SERIAL NO.

Contract 392

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache Flats

9. WELL NO.

#10

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 27-T23N-R4W

12. COUNTY OR PARISH

Sandoval

13. STATE

N. M.

1. NAME OF WELL OR RECOMPLETION REPORT AND LOG*

2. TYPE OF WELL
WELL ☐ CAL. WELL ☒ DRY ☐ Other _____

3. TYPE OF COMPLETION
OPEN ☐ PACKER ☐ PERM ☐ PERM ☐ PERM ☐ Other _____

4. NAME OF OPERATOR

Mr. A. Cole

5. ADDRESS OF OPERATOR

P. O. Box 101, Farmington, New Mexico 87401

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

Sec. 27-T23N-R4W

7. Log from interval reported below

Name

Name

14. PERMIT NO.

DATE ISSUED

8. DATE BEGAN 16. DATE LOG REACHED 17. DATE COMPLETED (Report to 1966.)

11-26-77 11-13-77

12-29-77

7011 KB

7004

18. LOGGING METHOD, LOG & TVD

21. PLUG, BACK LOG, MD & TVD

22. IF THIS LOG COMPLETED, HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

2540

2490 FC

All

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

25. WAS DIRECTIONAL SURVEY MADE

2426-2473; Pictured Cliffs Sand

26. TEST METHOD AND OTHER LOGS RUN

CD-Ind.; GR-Density

27. WAS WELL CORED

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLES MADE	CEMENTING RECORD	AMOUNT POLLED
8 5/8	24.0	120	12 1/4	Circulated	None
4 1/2	10.50	2533	6 3/4	150 Sacks	None

DITIR RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
1"					1"	2434	No

28. PERFORATION METHOD (method, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2426-73	45,000 gals wtr, 60,000 lbs sand

PRODUCTION

31. DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Flowing or shut-in)

Shut In

DATE OF TEST	ROCKS TESTED	CHORE SIZE	DEPTH FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-21-77	3	1"					

DATE TESTING PERIOD	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
12-21-77	680 S.I.P.			1,400	None	

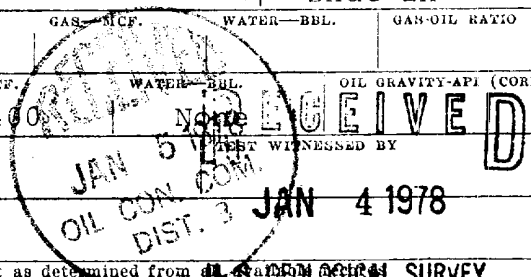
32. ANALYSIS OF GAS (kind, used for fuel, vented, etc.)

Vented

33. LIST OF ATTACHEMENTS

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.
SIGNED: [Signature] TITLE: Operator DATE: January 3, 1978

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



1. The following are the data for the first 100 observations of a time series. The data are arranged in two columns, with the time index t in the first column and the value of the series X_t in the second column.

t	X_t
1	1.2
2	1.5
3	1.8
4	2.1
5	2.4
6	2.7
7	3.0
8	3.3
9	3.6
10	3.9
11	4.2
12	4.5
13	4.8
14	5.1
15	5.4
16	5.7
17	6.0
18	6.3
19	6.6
20	6.9
21	7.2
22	7.5
23	7.8
24	8.1
25	8.4
26	8.7
27	9.0
28	9.3
29	9.6
30	9.9
31	10.2
32	10.5
33	10.8
34	11.1
35	11.4
36	11.7
37	12.0
38	12.3
39	12.6
40	12.9
41	13.2
42	13.5
43	13.8
44	14.1
45	14.4
46	14.7
47	15.0
48	15.3
49	15.6
50	15.9
51	16.2
52	16.5
53	16.8
54	17.1
55	17.4
56	17.7
57	18.0
58	18.3
59	18.6
60	18.9
61	19.2
62	19.5
63	19.8
64	20.1
65	20.4
66	20.7
67	21.0
68	21.3
69	21.6
70	21.9
71	22.2
72	22.5
73	22.8
74	23.1
75	23.4
76	23.7
77	24.0
78	24.3
79	24.6
80	24.9
81	25.2
82	25.5
83	25.8
84	26.1
85	26.4
86	26.7
87	27.0
88	27.3
89	27.6
90	27.9
91	28.2
92	28.5
93	28.8
94	29.1
95	29.4
96	29.7
97	30.0
98	30.3
99	30.6
100	30.9

2. The following are the data for the next 100 observations of the time series. The data are arranged in two columns, with the time index t in the first column and the value of the series X_t in the second column.

t	X_t
101	31.2
102	31.5
103	31.8
104	32.1
105	32.4
106	32.7
107	33.0
108	33.3
109	33.6
110	33.9
111	34.2
112	34.5
113	34.8
114	35.1
115	35.4
116	35.7
117	36.0
118	36.3
119	36.6
120	36.9
121	37.2
122	37.5
123	37.8
124	38.1
125	38.4
126	38.7
127	39.0
128	39.3
129	39.6
130	39.9
131	40.2
132	40.5
133	40.8
134	41.1
135	41.4
136	41.7
137	42.0
138	42.3
139	42.6
140	42.9
141	43.2
142	43.5
143	43.8
144	44.1
145	44.4
146	44.7
147	45.0
148	45.3
149	45.6
150	45.9
151	46.2
152	46.5
153	46.8
154	47.1
155	47.4
156	47.7
157	48.0
158	48.3
159	48.6
160	48.9
161	49.2
162	49.5
163	49.8
164	50.1
165	50.4
166	50.7
167	51.0
168	51.3
169	51.6
170	51.9
171	52.2
172	52.5
173	52.8
174	53.1
175	53.4
176	53.7
177	54.0
178	54.3
179	54.6
180	54.9
181	55.2
182	55.5
183	55.8
184	56.1
185	56.4
186	56.7
187	57.0
188	57.3
189	57.6
190	57.9
191	58.2
192	58.5

SHOW ALL IMPORTANT ZONES OF FORESTRY AND CONSERVE THERE-TO, COULD INCLUDE, AND ALL POLITICAL DISTRICTS, INCLUDING DEPTD INTERIOR, CUSTOMS, REVENUE, AND ALL OTHERS, INCLUDING

FORMATION	TOP	BOTTOM	DESCRIPTION, CORRELATION, ETC.	NAME	MEAN DEPTH	100
Jo Alamo	2000	2110	Sand			
Wirtland	2110	2300	Shale			
Wirtland	2300	2420	Shale and Coal			
ictured Cliffs	2420	2475	Sand and Shale			
owis	2475	TD	Shale			