

6 USGS, Fmn 1 McHugh
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY1 File 1 Devon
SUBMIT IN DUPLICATE*Form approved.
Budget Bureau No. 42 R3313.(See) In-
struc. on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

Contract 98

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Apache

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota-WH Gallup

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

Sec 18 T26N R3W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

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. DESVR. ☐ Other ☐

2. NAME OF OPERATOR

★ JEROME P. McHUGH - Correction of Operator from Dugan P.

3. ADDRESS OF OPERATOR

P O Box 208, Farmington, NM 87401

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

At surface 810' FNL - 820' FEL

At top prod. interval reported below

At total depth

DEC 3 - 1981

OIL CON. COM.

DIST. 3

AMENDED REPORT

14. PERMIT NO. DATE ISSUED 3-27-81

15. DATE SPUDDED 5-31-81 16. DATE T.D. REACHED 6-16-81 17. DATE COMPL. (Ready to prod.) 11-2-81 18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 2140' GI 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8250' 21. PLUG, BACK T.D., MD & TVD 8226' 22. IF MULTIPLE COMPL., *** HOW MANY* Commingled DK & GA 23. INTERVALS DRILLED BY TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8006 - 8190 Dakota 7520 - 7530 Gallup ***Application for Downhole commingling pending 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, CDL, GR-CCL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24	260' RKB	12-1/4"	150 sx class B + 2% CaCl	---
4-1/2"	10.5	8259' RKB	7-7/8"	2376 cf in 3 stages	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					1 1/2"	8154' RKB	---

31. PERFORATION RECORD (Interval, size and number)

8006-8190' DK 23 holes
7520-7530 GA 10 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8006-8190	250 gal 7 1/2% & 250 gal 15% HCL 80,000 Mini-Max-III-30, 100,000 # S-
7520-7530	250 gal 15% HCL, 40,000 gal Mini- Max III-30 & 69,000 # Sand

33.* PRODUCTION

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

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-2-81	3 hrs	2" pitot tube	→	15	1500	0	50 Est.
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SICP 1467	SITP	→	15	1500	0	50 Est.	

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

Vented during test.

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

THOMAS A. DUGAN

TITLE

Petroleum Engineer

D. FARMINGTON DISTRICT

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

BY

KBS

ACCEPTED FOR RECORD

DEC 02 1981

11-30-81

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 19: 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 38.

DEPTH INTERVAL, TESTED, CUBIC FEET, TANK TOOL, OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo	3400'	
				Kirtland	3518	
				Fruitland	3652	
				Pictured Cliffs	3803	
				Lewis	3980	
				Cliff House	5483	
				Menefee	5580	
				Point Lookout	6002	
				Manocs	6215	
				Gallup	6940	
				Greenhorn	7907	
				Graneros	7971	
				Dakota	7998	