

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

USA NM 13418

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Amoco Federal

9. WELL NO.
10

10. FIELD AND POOL, OR WILDCAT
OR AREA
Tom-Tom San Andres

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA
Sec 26, T-7-S, R-31-E

12. COUNTY OR PARISH
Chaves

13. STATE
New Mexico

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. RESVR. Other

2. NAME OF OPERATOR
Flag-Redfern Oil Co.

3. ADDRESS OF OPERATOR
P.O. Box 2280, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State, equipment, or local regulations)
At surface 990' FSL and 990' FEL
At top prod. interval reported below Same
At total depth Same

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

15. DATE SPUDDED 6-24-81 16. DATE T.D. REACHED 7-2-81 17. DATE COMPL. (Ready to prod.) 8-13-81 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4373GR 19. ELEV. CASINGHEAD 4373

20. TOTAL DEPTH, MD & TVD 4150' 21. PLUG, BACK T.D., MD & TVD 4140' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3990-4033 San Andres 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray Correlation log, DLL & SNP log 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"	23#/ft	165'	12 1/4"	600 sx Hal. Lite + 200 sx CL "C"	
4 1/2"	9.5#/ft	4150'	7 7/8"	300 sx Cl "C" Poz w/ 2% gel	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	4013'	None

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3990-4033	6000 gals 20% acid

3990-4033' Perf'd 28 holes.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8-13-81	Pnp 2" x 1 1/4" x 12" Insert Pump.	Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-13-81	24			15	11	6	733

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			15	11	6	22.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Mr. R. Goode

35. LIST OF ATTACHMENTS Deviation Record, SNP log.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED J.C. Scherer TITLE Engineer DATE 8-17-81

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

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
AUG 19 1981

OIL & GAS DIVISION
U.S. GEOLOGICAL SURVEY
DOWELL, NEW MEXICO
AUG 26 1981

ACCEPTED FOR RECORD
ROGER A. CHAPMAN
AUG 25 1981
DOWELL, NEW MEXICO

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.)

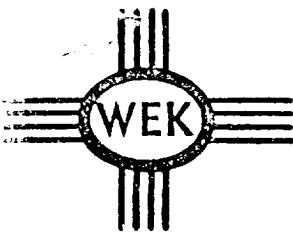
37. SUMMARY OF POREOUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF. CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
San Andres Porosity	3903	4084	Hydrocarbons and salt water

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	1555	1555
Salt	1722	1722
San Andres	3205	3205

APR 31 1981



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

July 6, 1981

Flag Redfern Oil Co.
P.O. Box 2280
Midland, Texas 79701

Re: Amoco Fed. #10

Gentlemen:

The following is a Deviation Survey of the above well located in Chaves County, New Mexico.

- | | |
|--------------|-------------------|
| 487' - 1/2° | 2632' - 1/2° |
| 984' - 1/2° | 3127' - 1/4° |
| 1470' - 1/2° | 3621' - 1/2° |
| 1651' - 1/2° | 4110' - 1/2° |
| 2139' - 1/2° | 4150' - 1/2° T.D. |

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me the 6th day of July, 1981 by Arnold Newkirk.

My Commission Expires:
1/12/85

Notary Public