

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-062529-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mark Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC. T. R. M., OR BLOCK AND SURVEY
OR AREA100' FEL & 1650' FEL
Sec. 25, T-7-N, R-35-E12. COUNTY OR
PARISH
Cosevilt13. STATE
New Mexico

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

FRANKLIN, BOSTON & FAIR, INC.

3. ADDRESS OF OPERATOR

P. O. Box 1090, Roswell, New Mexico

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

At surface 330' FEL & 1650' FEL Sec. 25, T-7-N R-35-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED

Aug. 23, 1965

16. DATE T.D. REACHED

Sept. 2, 1965

17. DATE COMPL. (Ready to prod.)

Oct. 22, 1965

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

+154.1' CB

4163' KB

4155'

20. TOTAL DEPTH, MD & TVD

4315'

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

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

Surf. - TD

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

4213'-4247' laughter zone of sandstone

25. WAS DIRECTIONAL
SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray Density, Lateral, and Micro Lateral

27. WAS WELL CORED

Yes

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#	275' KB			
2 1/2	14#	4315' TB	7 7/8	300 2 1/2" gel 8# C&CI	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

One shot per foot

4213'	4227'	4242'	205'
4215'	4232'	4245'	270'
4223'	4236'	4247'	
4225'	4238'	4259'	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4213'-4247'	acidized with 4250 gallons 15% acid. 30F 20,000 gallons oil and 20,000# sand.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
Oct. 21, 1965		Pump						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
Oct. 22, 1965	24		→	30	70	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
	50'	→						

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

Vented

TEST WITNESSED BY

J. V. Brasfield

LIST OF ATTACHMENTS

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

SIGNED

Grant M. Smith

TITLE

Geologist

DATE

Oct. 25, 1965

*(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:			38. GEOLOGIC MARKERS				
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.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
San Joaquin (12 miles)	3450		3450-3410				
	3410						
	3315						

INCLINATION REPORT

Nov 2 11 24 AM '65

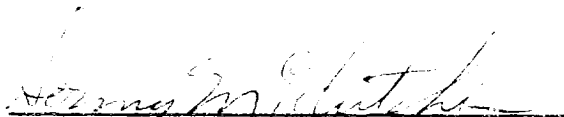
FRANKLIN, ASTON & FAIR, Inc.
P. O. Box 1090
Roswell, New Mexico

Mark Federal Well No. 1
1980'FEL, 330' FSL,
Sect. 25, T-7-S, R-35-E,
Roosevelt County, New Mexico

RECORD OF INCLINATION

<u>Depth (feet)</u>	<u>Angle of Inclination (degrees)</u>	<u>Displacement (feet)</u>	<u>Accumulative Displacement (feet)</u>
271	1/2	2.36	2.36
570	3/4	3.92	6.28
807	3/4	3.10	9.38
1,280	3/4	6.20	15.58
1,775	3/4	6.48	22.06
2,236	1/2	4.01	26.07
2,710	3/4	6.21	32.28
3,207	1 1/4	10.84	43.12
3,625	1	7.31	50.43
4,010	1	6.73	57.16
4,315	1 1/4	8.65	63.81

I hereby certify that I have personal knowledge of the data and facts placed on this report, and that such information given above is true and complete.


Sonny McQuitchin

VERNA DRILLING COMPANY
P. O. Box 1000
Levelland, Texas

Sworn and Subscribed before me, this the 9th day of September,
19 65.


Notary Public in and for Hockley
County, Texas.