

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

NM 0631

INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME
Federal 11-20-34

WELL NO. **2**

FIELD AND POOL, OR WILDCAT
Lea Pennsylvanian

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

Sec. 11, T-20-S, R-34-E

COUNTY OR PARISH
Lea

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 DEEPEN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
United States Smelting Refining & Mining Company

3. ADDRESS OF OPERATOR
P. O. Box 1877, Midland, Texas

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

At surface **SE 1/4 SW 1/4 Sec. 11, T-20-S, R-34-E**
2080' PWL & 760' FSL of Section

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED **11-21-66** 16. DATE T.D. REACHED **1-18-67** 17. DATE COMPL. (Ready to prod.) **2-9-67** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **3656 DF** 19. ELEV. CASINGHEAD **-**

20. TOTAL DEPTH, MD & TVD **13275 MD** 21. PLUG, BACK T.D., MD & TVD **13216 MD** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **0-13275** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
12902-13024 25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger Borehole Compensated Sonic Log-Gamma Ray 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
13 5/8	48#	832	17 1/2	800 sacks	None
8 5/8	24# & 32#	5105	12 1/4	1100 sacks	None
4 1/2	11.6# & 13.5#	13274	7 7/8	1010 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 1/16	12875	12875

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	None

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-27-67	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-9-67	4		→		953		27.5
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→			0-	44	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold to Phillips Petroleum Company TEST WITNESSED BY
Wendell Chantry

35. LIST OF ATTACHMENTS
Form C-122 MultiPoint and one point Back Pressure Test for Gas Well

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

SIGNED *W. L. P. Davis* TITLE **Production Clerk** DATE **3-8-67**

*(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.
Sand & shale	0	1610	Lm, Dolo, Shale
Anhydrite	1610	1845	Shale & Sand
Salt & Anhydrite	1845	3190	Lime, Sd, Shale
Anhydrite	3190	3430	Dolomite & Lime
Sd, Dolo. & Anhyd.	3430	3570	Shale & Sand
Dolomite	3570	3720	Lime, Sd, Shale
Sand & Shale	3720	3820	Shale & Sand
Dolo, Lime & Anhyd.	3820	4635	Shale & Shale
Dolo, Sand & Shale	4635	4810	Lm, Dolo, Shale
Lime & Dolomite	4810	5390	Dolomite & Lime
Lime, Sand & Shale	5390	5690	Sand & Shale
Sand & Shale	5690	6010	
Dolo, Lime & Shale	6010	6475	
Sand & Shale	6475	6870	
Dolomite & Lime	6870	6990	
Dolo, Lm, Sd, Shale	6990	8220	
Lime	8220	8300	
Shale	8300	8370	
Dolomite & Lime	8370	8795	
Shale	8795	8845	
Dolomite	8845	8930	
Sand & Shale	8930	9030	

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
T/Anhyd.	1595		
T/Salt	1845		
B/Salt	3190		
T/Yates	3430		
T/Queen	3720		
T/Grayburg	3870		
T/San Andres	4385		
T/Bone Spring	8220		
T/Penn	12065		