COPY TO

Form 9-330
(Rev. 5-63)

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.

5. LEASE DESIGNATION AND SERIAL NO.: LC-060978

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Jacobs Federal

9. WELL NO.: 14

10. FIELD AND POOL, OR WILDCAT: Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19, T8S, R35E

12. COUNTY OR PARISH: Roosevelt

13. STATE: N. M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

JAN 7 PM '64

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: El Chorro Exploration, Inc.

3. ADDRESS OF OPERATOR: c/o Oil Reports & Gas Services, Box 763, Hobbs, N. M.

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1980' FSL & 1909.5' FWL of Section 19
At top prod. interval reported below
At total depth

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
11/27/63	12/5/63	12/25/63	4244 KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4755	4740		→	0-4755	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 4650-78, 4700-24; San Andres

25. WAS DIRECTIONAL SURVEY MADE: Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN: Gamma Ray - Neutron

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#	366	12 1/4	225 sx Class A, 2% cacl	none
4 1/2	10.5#	4755	7 7/8	200 sx Class C	none

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	4737	

31. PERFORATION RECORD (*Interval, size and number*)
4650-78, 4700-24
J-2 Jet charge

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4650-4724	1000 gal 15% DS-30 acid, 20,000 gal oil, 20,000# sand, 500# adomite

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
12/25/63	2" X 1 1/2" X 16' HF metal to metal	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/25/63	24	Pump		160	no test	20	no test

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			160	no test	20	29.8

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

TEST WITNESSED BY: Claude Vinson

35. LIST OF ATTACHMENTS: 2 copies electric log

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

SIGNED W. L. Smith TITLE Agent DATE 12/31/63

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No cores cut.			
No drill stem tests.			
San Andres	4650	4724	Lime. San Andres Porosity

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	2182	
Salt	2280	
San Andres	3917	

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LTR

Job separation sheet

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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (~~GAS~~) ALLOWABLE

O. C. C.
DEC 31 8 54 AM '63
HOBBS, OFFICE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico (Place) December 31, 1963 (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Chorro Exploration, Inc. (Company or Operator) Jacobs Federal (Lease), Well No. 14, in NE ¼ SW ¼,

K (Unit Letter), Sec. 19, T. 8 S, R. 35 E, NMPM., ~~Undesignated~~ (Milnesand-San Andres) Pool

Roosevelt County. Date Spudded 11/27/63 Date Drilling Completed 12/5/63

Elevation 4244 KB Total Depth 4755 PBTD 4740

Top Oil/Gas Pay 4650 Name of Prod. Form. San Andres

PRODUCING INTERVAL -

Perforations 4650-78, 4700-24

Open Hole ____ Depth Casing Shoe 4755 Depth Tubing 4737

OIL WELL TEST -

Natural Prod. Test: ____ bbls.oil, ____ bbls water in ____ hrs, ____ min. Choke Size ____

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 160 bbls.oil, 20 bbls water in 24 hrs, no min. Choke Size pump

GAS WELL TEST -

Natural Prod. Test: ____ MCF/Day; Hours flowed ____ Choke Size ____

Method of Testing (pitot, back pressure, etc.): ____

Test After Acid or Fracture Treatment: ____ MCF/Day; Hours flowed ____

Choke Size ____ Method of Testing: ____

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): See remarks

Casing Press. 3500# Tubing Press. ____ Date first new oil run to tanks 12/25/63

Oil Transporter Magnolia Pipe Line Company

Gas Transporter Sinclair Oil & Gas Company

Please indicate location:

D	C	B	A
E	F	G	H
L	K X	J	I
M	N	O	P

1980/S & 1909.5/W (FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
8 5/8	366	225
4 1/2	4755	200
2 3/8	4737	

Remarks: 1,000 gal 15% DS-30 acid, 20,000 gal lease crude, 20,000# sand, 500# addomite, 75 ball sealers.

See attachment for deviation surveys.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved ____, 19____

OIL CONSERVATION COMMISSION

By ____

Title ____

El Chorro Exploration, Inc. (Company or Operator)

By: ____ (Signature)

Title Agent

Send Communications regarding well to:

Name El Chorro Exploration, Inc.

Address % OIL REPORTS & GAS SERVICES BOX 763 HOBBS, NEW MEXICO