

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-845-20083

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐			5. LEASE DESIGNATION AND SERIAL NO. C10063
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR J. E. M. Mott			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 842, Los Angeles, California 90045			8. FARM OR LEASE NAME Lucerna-Fruitland
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 120 ft. from South line; 130 ft. from West line At proposed prod. zone			9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT Finnon-Fruitland
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 130 ft.	16. NO. OF ACRES IN LEASE 1200	17. NO. OF ACRES ASSIGNED TO THIS WELL 150	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 17 - T. 34 - R. 11
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 137 ft.	19. PROPOSED DEPTH 137 ft.	20. ROTARY OR CABLE TOOLS Rotary	12. COUNTY OR PARISH San Juan Co.
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 56'0" r., 56'4" r.			13. STATE N. M.
22. APPROX. DATE WORK WILL START* June 1, 1967			

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11 in.	7 5/8"	24	100	75 lbs - Circ. to surface
6 7/8"	4 1/4"	10.5	137	200 lbs - Circ. to surface

Propose to drill and complete fruitland sec. to et.

fruitland to, estimated at 1370 ft., base at 1350 ft.

If productive, well will be completed by perforation and sand-water frac.

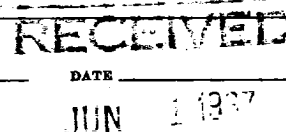


IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Agent DATE May 31, 1967

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal 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.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

George E. Willett

3. ADDRESS OF OPERATOR

P.O. Box 548, Lemoore, California 93245

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

At surface 1520 ft. from South line; 850 ft. from West line

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 (OF RKB, RT, GR, ETC.)*

19. ELEV. CASING HEAD

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

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRED

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

CASING SIZE

WEIGHT, LB./FT.

DEPTH SET (MD)

HOLE SIZE

CEMENTING RECORD

AMOUNT PULLED

29. LINER RECORD

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

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

33.* PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST

HOURS TESTED

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GRAVITY-API

CORR.)

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

TEST WITNESSED BY

U. S. GEOLOGICAL SURVEY

FARMINGTON, N. M.

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

TITLE

DATE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH

13. STATE

Lucerne-Federal

2

Finon-Federal

Sec. 17 - T28N - R11W

San Juan Co

N.M.

5630

r.; 5634

KB

0 - 1575'

P & A

Electrical Survey

7 5/8"

24

104'

11-inch

95 sks cwt, 2 1/2 61p

RECEIVED

JUL 5 1967

OIL CON. COM.

DIST. 3

RECEIVED

JUL 10 1967

Lee W. Kilgus

Agent

July 3, 1967

*** (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	NAME	MEAS. DEPTH
Formation Tops Anima fm. 0 - 422' Ojo Alamo ss. 422 - 495 Kirtland sh. 495 - 1138(?) Farmington ss. 691 - 931 Fruitland sh. 1138(?) - 1340 Fruitland ss. 1340 - 1575 Total Depth 1575' (Schlumberger S Log tape)			
	BOTTOM		TRUE VERT. DEPTH

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

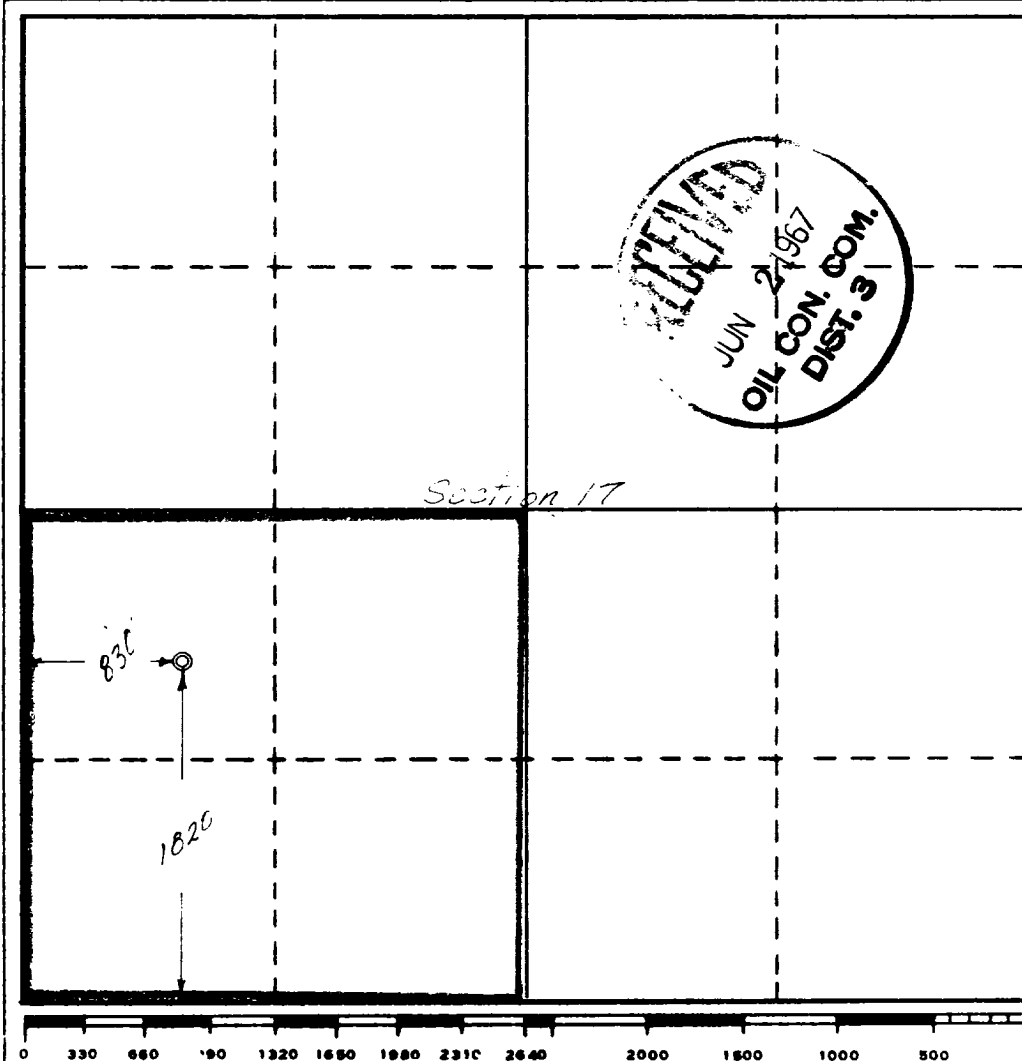
Operator George E. Willett			Lease Lucerne-Federal		Well No. 2
Unit Letter L	Section 17	Township 28 North	Range 11 West	County San Juan	
Actual Footage Location of Well: 1820 feet from the South line and 830 feet from the West line					
Ground Level Elev. 5630	Producing Formation Fruitland		Pool Pinon-Fruitland		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Lee H. Rogers
Name _____

George E. Willett
Position _____

Company _____

May 31, 1967
Date _____

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

May 11, 1967
Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor - *[Signature]*

Certificate No. *3684*