

RECEIVED

Oil Conservation Commission

OCT 6 1969

P. O. BOX 2088 • SANTA FE, NEW MEXICO 87501 • PHONE 827-2434

O. C. C.

MESSAGE

REPLY

TO Mr. Bill Gressett
Supervisor & Oil & Gas Inspector
District II

DATE October 3, 1969

Re: Curtis Hankamer

McKenna Federal #2-M 18-26S-30

According to scout reports, subject well has been drilled to a T.D. of 3370' but all we have in file is a Notice of Intention to Drill. Please check for the necessary reports & send us a copy.

Sincerely,

G. P. M. Lanni

DATE

10-9-69

Attached are copies of everything that we have on this well.

Please show these to Dan.

Bill Gressett

OCT 10 1969

P. O. Drawer U
Artesia, New Mexico 88210

October 8, 1969

Mr. Curtis Hankamer
714 Houston Bank and Trust Building
Houston, Texas 77002

Dear Sir:

Your Notice of Intention to convert and operate as a salt water disposal well your No. 2 McKenna Federal oil and gas lease New Mexico 031375-A, located 330/S&N sec. 18, T. 26 S., R. 30 E., N.M.P.M., Eddy County, New Mexico, by injecting produced waters into the Delaware formation at an interval of 3323-3326 feet, is hereby approved subject to approval by the New Mexico Oil Conservation Commission and the following:

1. If off-lease waters are to be included in this disposal system, a special land use permit to operate this well as such must be secured from the Bureau of Land Management prior to disposing of any such waters.
2. Where applicable and required, right-of-way permits for pipe lines from other leases must be secured from the Bureau of Land Management prior to laying of any such gathering lines.
3. The usual Sundry Notice and Reports (form 9-331 in quintuplicate) must be filed with this office prior to commencing any further workover, treatment, suspension of operation, or change of status of this well.
4. A monthly injection report (N.M.O.C.C. form C-120-A acceptable) must be submitted to this office in duplicate.

Sincerely yours,

(Orig. Sgd.) ROBERT L. BECKMAN



Robert L. Beckman
Acting District Engineer

Attachment

RLB:ih 10/8/69

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 031375-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McKenna Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Brushy Draw (Delaware)

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

Sec. 18, T26S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER Salt Water Disposal

2. NAME OF OPERATOR

Curtis Hankamer

3. ADDRESS OF OPERATOR

714 Houston Bank & Trust Bldg., Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface330' from West line and 330' from South line
SW/4 Section 18, T26S, R30E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3053'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Complete Salt Water Disposal Well

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Desire to inject salt water into interval 3323' - 3326' through tubing with HOWCO R-3 packer set at 3268' with use of salt water pump from gathering system in Brushy Draw (Delaware) field in compliance with "Open Pit" order of New Mexico Conservation Commission.

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OCT 9 1969

O. C. C.
ARTESIA, OFFICE

RECEIVED

OCT - 31 1969

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operator

DATE 10/1/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

OCT 10 1969

Set 356.45' 8 5/8" OD 24# New
surface pipe. Cemented w/200
sx El Toro 35-D Cl" c" w/400#
Calcium Chloride. Circulated
to surface.

DF 10' Above G.L.
Elev. G.L. 3053'

3370' TD

Set 3370' 4 1/2" OD 9.50# Casing
Optiscoped, Magnetic API Drifted

Cemented w/100 sx Lone Star
CL "c" 5/10 of 1% CFR-2 3#
salt per sack #3 sand mixed 5#
per sack Type "E" float collar
3 centralizers.

Perforated 3323-26' (13 shots -
4 per foot Schlum. Hyper-Jet)

5W Top Rubber
plug.

3370'

RECEIVED

OCT-31969

U. S. GEOLOGICAL SURVEY
ARIZONA, PHOENIX

CURTIS HANKAMER
MCKENNA FEDERAL #2
(BRUSHY DRAW SALT WATER
DISPOSAL WELL)

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 28, 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH

INCLINATION REPORT

OCT 10 1969

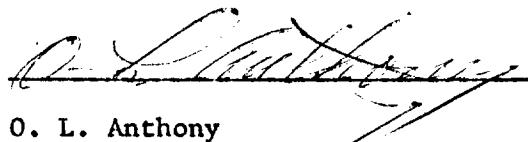
OPERATOR: Curtis Hankamer
714 Houston Bank & Trust
Houston, Texas 77002

LEASE NAME & NO.: McKenry Federal Well #2

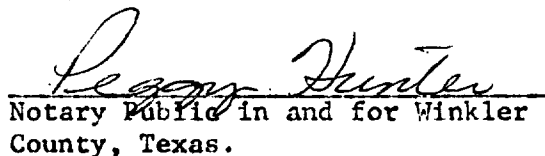
LOCATION: Lea County, New Mexico:

<u>DEPTH:</u>	<u>INCLINATION (degrees)</u>
350	3/4
841	1 3/4
1027	2
1419	2
1580	2 3/4
2256	1 1/4
XXX 2701	2
3085	2 3/4
3321	3 1/4

I, O. L. Anthony, Drilling Superintendent of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.


O. L. Anthony

SUBSCRIBED AND SWORN TO before me this 12th day of May, 1969.


Notary Public in and for Winkler
County, Texas.

(SEAL)

RECEIVED
OCT-31-1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

CURTIS HANKAMER
OIL PRODUCER
714 Houston Bank & Trust Building
Houston, Texas 77002
CA 4-6437

OCT 17 1959

October 15, 1959

sub
108

Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: New Mexico lease 031375-A
Eddy County, New Mexico

Gentlemen:

Enclosed is a copy of letter from the U.S.G.S. in Artesia approving our intention to convert and operate as a salt water disposal well our #2 McKenna Federal well located on subject lease, subject to approval of your office.

Also enclosed are copies of Forms 9-330 and 9-331 and a diagrammatic sketch which were submitted to the U.S.G.S. office in Artesia.

If any other information is needed for approval from your office of this operation, please let us know.

We will appreciate your cooperation.

Very truly yours,

Earl C. Hankamer III

Earl C. Hankamer, III

ECH:lb
Encls.

cc: Oil Conservation Commission
Artesia, New Mexico

*I am about and
I am an old
man and as a
result of the
1939 Act the
Federal well
shall be
converted
to a salt water
disposal well
SF and
1939
Act.*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN
(Other instructions on re-
verse side)

OCT 17 1969

5. LEASE DESIGNATION AND SERIAL NO.

NM 031375-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McKenna Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Brushy Draw (Delaware)

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

Sec. 18, T26S R30E

12. COUNTY OR PARISH 13. STATE

Eddy

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☐ OTHER ☒ Salt Water Disposal

2. NAME OF OPERATOR

Curtis Hankamer

3. ADDRESS OF OPERATOR

714 Houston Bank & Trust Bldg., Houston, Texas 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface330' from West line and 330' from South line
SW/4 Section 18, T26S, R30E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 3053'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐PULL OR ALTER CASING ☐FRACTURE TREAT ☐MULTIPLE COMPLETE ☐SHOOT OR ACIDIZE ☐ABANDON* ☐REPAIR WELL ☐CHANGE PLANS ☐(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐REPAIRING WELL ☐FRACTURE TREATMENT ☐ALTERING CASING ☐SHOOTING OR ACIDIZING ☐ABANDONMENT* ☐

(Other) Rpt. 8 5/8" & 4 1/2" casing

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*Set 356.45' 8 5/8" OD 24# new surface pipe. Cemented with 200 sacks El Toro 35-D CL
"c" with 400# Calcium Chloride. Circulated to surface.Set 3370' 4 1/2" OD 9.50# casing Optiscoped, Magnetic API Drifted. Cemented with
100 sacks Lone Star CL "c" 5/10 of 12 CFR-2 3# salt per sack #3 sand mixed 5# per
sack Type "E" float collar 3 centralizers.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Petroleum Superintendent

DATE 10/15/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Salt Water Disposal

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Curtis Hankamer

3. ADDRESS OF OPERATOR

714 Houston Bank & Trust Bldg., Houston, Texas 77002

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

At surface 330' from West line and 330' from South line

SW/4 Section 18, T26S, R30E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 031375-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McKenna Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Brushy Draw (Delaware)

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

Sec. 18, T26S, R30E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUNDED

4/27/69

16. DATE T.D. REACHED

5/3/69

17. DATE COMPL. (Ready to prod.)

5/16/69

18. ELEVATIONS (DF, REB, RT, OR, ETC.)*

OR 3053'

19. ELEV. CASINGHEAD

3063'

20. TOTAL DEPTH, MD & TVD

3370'

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

3370'

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)*

3323' - 3326'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Borehole Compensated Sonic Log - Gamma Ray

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" OD	24#	356'	12"	200 sacks	0
4 1/2" OD	9.5#	3370'	7 7/8"	100 sacks	0

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" OD	3268'	3268'

31. PERFORATION RECORD (Interval, size and number)

3323' - 3326'

13 3/4" Schlumberger Hyper Jet shots

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

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.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

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

Curtis Hankamer

TITLE

Operator

DATE

10/1/69

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

INCLINATION REPORT

OCT 17 1969

OPERATOR: Curtis Mankamer
714 Houston Bank & Trust
Houston, Texas 77002

LEASE NAME & NO.: McKenry Federal Well #2

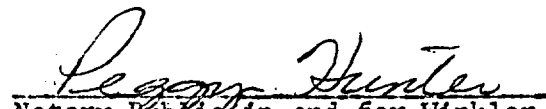
LOCATION: Lea County, New Mexico:

<u>DEPTH:</u>	<u>INCLINATION (degrees)</u>
350	3/4
841	1 3/4
1027	2
1419	2
1580	2 3/4
2256	1 1/4
XX 2701	2
3085	2 3/4
3321	3 1/4

I, O. L. Anthony, Drilling Superintendent of Leatherwood Drilling Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.


O. L. Anthony

SUBSCRIBED AND SWORN TO before me this 12th day of May, 1969.


Notary Public in and for Winkler
County, Texas.

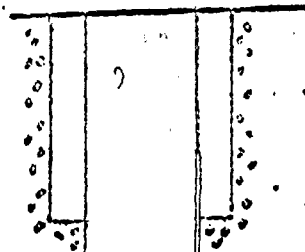
(SEAL)

RECEIVED
OCT - 3 1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

OCT 17 1969

2F 10' Above G.L.
Elev. G.L. 3053'

Set 356.45' 8 5/8" OD 24# New
surface pipe. Cemented w/200
sx El Toro 35-D 61" c" w/400#
Calcium Chloride. Circulated
to surface.

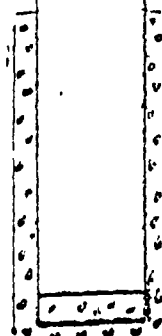


3370' TD

Set 3370' 4 1/2" OD 9.50# Casing
Optiscoped, Magnetic API Drifted

Cemented w/100 sx Lone Star
CL "c" 5/10 of 1% CFR-2 3#
salt per sack #3 sand mixed 5#
per sack Type "E" float collar
3 centralizers.

Perforated 3323-26' (13 shots -
4' per foot Schlum. Hyper-Jet)



5W Top Rubber
plug.

3370'

RECEIVED
OCT-31969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

CURTIS HANKAMER
MCKENNA FEDERAL #2
(BRUSHY DRAW SALT WATER
TREATMENT WELL)

BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

SCHLUMBERGER

COMPANY CURTIS HANKAMER		AUG 1 - 1969	
WELL MC KENNA FEDERAL #2		D. B. G. ARTESIA, OFFICE	
FIELD BRUSHY DRAW DELAWARE			
COUNTY EDDY	STATE NEW MEXICO		
LOCATION 330' FS & WL		Other Services:	
Sec. 18	Twp. 26-S	Rge. 30-E	

Permanent Datum: G.L.	Elev.
Log Measured From K.B.	9 Ft. Above Perm. Datum
Drilling Measured From K.B.	
Elev.: K.B.	
D.F.	
G.L.	

Date		5-3-69		ONE		WELL RECORD	
Run No.		3171		3370		DO NOT REMOVE	
Depth—Driller		3368					
Depth—Logger							
Btm. Log Interval							
Top Log Interval		8 5/8 @ 347		@	@		@
Casing—Driller		347					
Casing—Logger		7 7/8					
Bit Size		BRINE					
Type Fluid in Hole							
Dens.	Visc.	10					
pH	Fluid Loss						
Source of Sample							
R _m @ Meas. Temp.		@	@	@	@	@	@
R _{mt} @ Meas. Temp.		@	@	@	@	@	@
R _{ms} @ Meas. Temp.		@	@	@	@	@	@
Source: R _{mt} R _{ms}							
R _m @ BHT		@	@	@	@	@	@
Time Since Circ.	6 HOURS						
Max. Rec. Temp.	90						