

file me
M. O. C. C. COPY

WELL NAME AND NUMBER Cawley Draw No. 1

LOCATION 837/N 2157/E Section 4, T22S, R22E, Eddy County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S, BLK, SURV. & TWP)

OPERATOR Great Western Drilling Company

MAY 24 1973

DRILLING CONTRACTOR MORANCO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 91	2 3886	1 1/4 8180	
3/4 230	2 1/2 4050	1 1/4 8460	
1 334	3 4264	1 8950	
1 1/4 569	2 3/4 4395	1 3/4 9098	
1 1/4 827	2 1/4 4637	2 1/2 9450	
1 1/2 1100	2 1/4 4900		
1 1/4 1390	2 5400		
1 1875	2 6140		
3/4 2324	1 3/4 6385		
1/2 2900	1 1/2 6876		
3/4 3200	1 7025		
1 1/4 3445	1 7310		
1 1/2 3640	1 7915		

Drilling Contractor MORANCO

By

R. M. Moran

R. M. Moran, President

Subscribed and sworn to before me this 4th day of May, 1973

My Commission expires:
April 1, 1974

Dayne Lurney
Notary Public
Lea County, New Mexico

RECEIVED
MAY 23 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIP
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
MM - 6014

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
CAWLEY DRAW

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
**Section 4
T-22-S, R-22-E**

12. COUNTY OR PARISH
EDDY

13. STATE
N. 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 ☐ WELL GAS ☒ WELL OTHER ☐

2. NAME OF OPERATOR
GREAT WESTERN DRILLING COMPANY

3. ADDRESS OF OPERATOR
BOX 1659 MIDLAND TEXAS 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
Unit B, 837' FWL, 2157' FEL, Sec. 4, T-22-S, R-22-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4301.0 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(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.)*

Ran 5 1/2" casing (15 1/2" & 17") with DV Tool at 8021', casing set at 9456'.

Cemented first stage with 365 sacks Class H plus 2% gel and 8# salt per sack plus 0.75% CFR-2. Plug down 8:30 PM 4-29-73. Opened DV Tool and circulated 5 hours. Cemented second stage with 560 sacks Class H plus 2% gel and 8# salt per sack plus 0.75% CFR-2. Plug down 2:30 AM, 4-30-73. Top of second stage cement at 5220' by temperature survey.

RECEIVED

MAY 17 1973

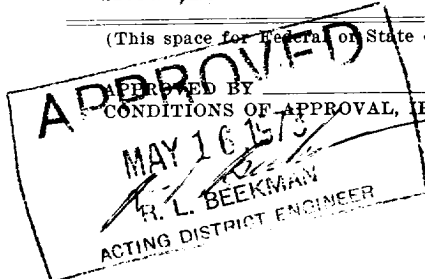
U. S. G.
ARTESIAN, OFFICE

RECEIVED
MAY 18 1973
FEDERAL BUREAU OF
GEOLOGY

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

SIGNED R. I. Comstock TITLE Chief Engineer DATE 5-15-73

(This space for Federal or State office use)



TITLE _____ DATE _____

*See Instructions on Reverse Side

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.

Form 9-331
(May 1963)UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

MM-6014

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CRAWLEY DRAW

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT11. SEC., T., E., M., OR BLK. AND
SURVEY OR AREA**SECTION 4****T-22-S, R-22-E**

12. COUNTY OR PARISH

EDDY

13. STATE

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 ☒
WELL WELL OTHER2. NAME OF OPERATOR
GREAT WESTERN DRILLING COMPANY3. ADDRESS OF OPERATOR
P. O. BOX 1859 MIDLAND TX 797014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface**UNIT B, 837' DWL, 2157' PKL, SECTION 4, T-22-S, R-22-E**

14. PERMIT NO.

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

4301.0 GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Drilled a 12 1/4" hole to 1725'. Ran a 5/8" 24# J-55 casing, set at 1725'.
Cemented with 600 sacks Novco Lite-Wate plus 200 sacks Class C cement.
Plug Down 3:33 PM 3-26-73, did not circulate. Top of cement outside casing
at 410' by temperature survey. WOC 6 hours, picked up 1" tubing and
stage cemented with Class C cement as follows:

1st stage - 50 sx @ 410', PD 10:15 PM.

2nd stage - 50 sx @ 350', PD 12:30 AM.

3rd stage - 35 sx @ 350', PD 3:30 AM.

4th stage - 75 sx @ 175', PD 6:00 AM, cement circulated.

Installed BOP, tested with 1000 psi for 30 minutes, held OK.

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

SIGNED

TITLE

Chief Engineer

DATE

3-29-73

(This space for Federal or State office use)

TITLE

DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

APR - 6 1973
R. L. BEEKMAN
ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

RECEIVED
MAR 30 1973
GEOLOGICAL SURVEY
NEW MEXICO

Instructions

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-6014

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

CAWLEY DRAW

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

SECTION 4

T-22-S, R-22-E

12. COUNTY OR PARISH

EDDY

13. STATE

NEW MEX.

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

GREAT WESTERN DRILLING COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 1659

MIDLAND TX 79701

MAR 27 1973

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

UNIT B, 837' FWL, 2157' FEL, SECTION 4, T-22-S, R-22-E

O. C. C.

ARTESIA OFFICE

14. PERMIT NO.

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

4301.0 GR

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
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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.)*

SPUDDED WELL AT 2:30 PM, 3-18-73.

DRILLED 17 1/2" hole to 334'. Ran 13 3/8" 48# H-40 Casing, set at 330'.

CEMENTED with 360 sacks Class "C" Cement, plus 2% CaCL. Plug down at 4:30 PM, 3-21-73.

Cement circulated.

RECEIVED
MAR 23 1973
U. S. GEOLOGICAL SURVEY
ARTESIA, N.M.

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

SIGNED

TITLE Chief Engineer

DATE 3-23-73

(This space for Federal or State office use)

TITLE

DATE

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

MAR 26 1973

R. L. BEEKMAN

ACTING DISTRICT ENGINEER

*See Instructions on Reverse Side

Instructions

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