TYPE

SIDE ONE ★

AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

State Geological Survey
WICHITA BRANCH

20-15-26W

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5836 EXPIRATION DATE 6-30-83

OPERATOR Chief Drilling Co., Inc. API NO. 15-063-20,560

ADDRESS 905 Century Plaza COUNTY Gove

Wichita, Ks. 67202 FIELD

** CONTACT PERSON F.W. SHELTON, JR. PROD. FORMATION

PHONE 262-3791

PURCHASER LEASE U.S. GOVERNMENT

ADDRESS WELL NO. #1

WELL LOCATION SE NE SE

DRILLING CONTRACTOR Warrior Drilling, Co. 330 Ft. from East Line and

ADDRESS 905 Century Plaza 1650 Ft. from South Line of

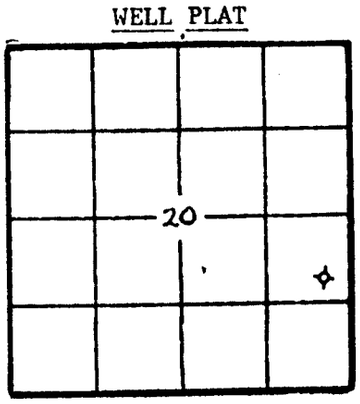
Wichita, Ks. 67202 the SE (Qtr.) SEC 20 TWP 15 RGE 26 W.

PLUGGING CONTRACTOR Warrior Drilling Co.

ADDRESS 905 Century Plaza

Wichita, Ks. 67202

WELL PLAT



(Office Use Only)
KCC ✓
KGS
SWD/REP
PLG.

TOTAL DEPTH 4344 PBTD

SPUD DATE 7-17-82 DATE COMPLETED 7-30-82

ELEV: GR 2437 DF 2440 KB 2444

DRILLED WITH (~~CABLE~~) (ROTARY) (~~AIR~~) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE

Amount of surface pipe set and cemented 319' set @ 328' 200 sx. common DV Tool Used? .

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, (Dry) Disposal, Injection, Temporarily Abandoned, OWWO. Other .

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

F.W. SHELTON, JR., being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

F.W. SHELTON (Name) JR, VICE PRESIDENT

SUBSCRIBED AND SWORN TO BEFORE ME this 2nd day of August, 19 82.

(NOTARY PUBLIC)
Martha E. Gustin

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4-15-85

MY COMMISSION EXPIRES:

** The person who can be reached by phone regarding any questions concerning this information.

RECEIVED
STATE CORPORATION COMMISSION
JUN 17 1983
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR Chief Drilling Co., Inc. LEASE U.S. Govt. #1 SEC. 20 TWP. 15S RGE. 26W

FILL IN WELL LOG AS REQUIRED:

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 DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 3856 - 3954 140' 160' & 180' zones 30-30-90-60 wk. blow for 90 min., Rec. 94' mud, IBHP: 162#, FBHP: 220#, FP: 75-82			Anhydrite	1870 + 5[illegible]
DST #2 3948 - 3982 200' zone 30-30-60-45 wk. blow for 30 min., strong blow for 60 min. Rec. 390' gas in pipe, 60' gas & oil cut mud, IBHP: 110#, FBHP: 145#, FP: 50-50			Base Anhydr.	1906 + 51[illegible]
DST #3 4284 - 4315 (Miss. Dolomite) 30-30-30-30 wk. blow for 10 min., Rec. 20' very slightly oil specked mud, IBHP: 595#, FBHP: 140#, FP: 30-30			Heebner	3672 - 1225
DST#4 4284 - 4325 (Miss. Dolomite) 30-30-30-30 wk. blwo for 20 min., Rec. 20' mud, IBHP: 110# FBHP: 50#, FP: 25-25 Drilling @ 4325'			Lansing	3712 - 1265
DST #5 4284 - 4334 (Miss. Dolomite) 30-30-60-45 wk. blow for 90 min., Rec. 40' slightly oil cut mud w/some free oil, 3% oil, 97% mud, IBHP: 480#, FBHP: 260#, FP: 75 - 75			Muncie Cr.	3860 - 1413
DST#6 4334 - 4344 (Miss Dolomite) 30-30-60-60 wk. blow for 90 min., Rec. 150' total fluid 50' oil and water cut mud, 100' oil specked muddy water IBHP: 1100#, FBHP: 1000#, FP: 75-65			Stark	3951 - 1504
D & A Plugged T.D. 4344' 30 sx. @ 4344', 30 sx. @ 4770', 80 sx. @ 900', 40 sx. @ 330' 10 sx. @ 40' 10 sx. in rat hole, 10 sx. in mouse hole, Total 210 sx. 50-50 pos mix, 4% gel, 3% c.c., started @ 4:30 p.m. completed @ 11:30 p.m. Marion Schmidt Hays, State Plugger			Hush Puckney	3982 - 1535
			BKC	4008 - 1561
			Pawnee	4155 - 1708
			Ft. Scott	4214 - 1767
			Cherokee	4240 - 1793
			Miss. Dolom.	4328 - 1881

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
	12 1/4"	8 5/8"	20#	328'	200 sx. common		3% c.c., 2 % gel.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production | Producing method (flowing, pumping, gas lift, etc.) | Gravity

RATE OF PRODUCTION PER 24 HOURS | Oil bbls. | Gas MCF | Water % bbls. | Gas-oil ratio CFPB

Disposition of gas (vented, used on lease or sold) | Perforations

30-12-3PM

L16969

Form 9-330
(Rev. 5-63)

20-15-26W P1

UNIT) STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICAT
(See other instructions on reverse side)

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

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 Plugged

2. NAME OF OPERATOR: CHIEF DRILLING CO., INC.

3. ADDRESS OF OPERATOR: 905 CENTURY PLAZA WICHITA, KANSAS 67202

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
At top prod. interval reported below
At total depth

State Geological Survey
WICHITA BRANCH

5. LEASE DESIGNATION AND SERIAL NO.: W-62858
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: --
7. UNIT AGREEMENT NAME: --
8. FARM OR LEASE NAME: U.S. GOVERNMENT LEASE
9. WELL NO.: #1
10. FIELD AND POOL, OR WILDCAT: HORCHEM NW
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SE NE SE SEC. 20-15S-26W

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
A.P.I. 15-063-20,560	1-21-82	GOVE COUNTY	KANSAS

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-17-82	7-30-82	7-30-82	2437 GR. 2440 D.F. 2444 K.B.	8 5/8 set @ 328'

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
4344'			→	0 - 4344'	no

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

25. WAS DIRECTIONAL SURVEY MADE: no

26. TYPE ELECTRIC AND OTHER LOGS RUN: None

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"	20#	set @ 328'	12 1/4"	200 sx. common 3% c.c., 2% gel.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

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

RECEIVED
STATE CORPORATION COMMISSION
JUN 17 1983
CONSERVATION DIVISION
Wichita, Kansas

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 F.W. SHELTON, JR., TITLE VICE PRESIDENT DATE AUG. 4, 1982

*(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.
			DST #1 3856-3954 (140' 160' & 180' zones) 30-30-90-60 wk. blow for 90 min., Rec. 94' mud, IBHP: 162#, FBHP: 220#, FP: 75-82
Anhydrite	1870	+ 574	
Base Anhydr.	1906	+ 538	DST #2 3948-3982 200' zone 30-30-60-45 wk. blow for 30 min., strong blow for 60 min. Rec. 390' gas in pipe, 60' gas & oil cut mud IBHP: 110# FBHP: 145# FP: 50-50
Heebner	3672	- 1228	
Lansing	3712	- 1268	
Muncie Cr.	3860	- 1416	
Stark	3951	- 1507	DST #3 4284-4315 (Miss. Dolomite) 30-30-30-30 wk. blow for 10 min., Rec. 20' very slightly oil specked mud, IBHP: 595# FBHP: 140# FP: 30-30
Bush Puckney	3982	- 1538	
BKC	4008	- 1564	
Pawnee	4155	- 1711	
Ft. Scott	4214	- 1770	DST #4 4284 -4325 (Miss. Dolomite) 30-30-30-30 wk. blow for 20 min., Rec. 20' mud, IBHP: 110# FBHP: 50#, FP: 25-25 Drilling @ 4325'
Cherokee	4240	- 1796	
Miss. Dolomite	4328	- 1884	
RTD	4344	- 1900	DST #5 4284-4334 (Miss. Dolomite) 30-30-60-45 wk. blow for 90 min. Rec. 40' slightly oil cut mud, w/some free oil, 3% oil, 97% mud, IBHP: 480# FBHP: 260# FP: 75-75
			DST#6 4334 - 4344 30-30-60-60 wk. blow for 90 min. Rec. 150' total fluid, 50' oil & water cut mud 100' oil specked muddy water IBHP: 1100# FBHP: 1000# FP: 75 - 65

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963 O-683636

GPO 680-147

WSK-21-05

6916

20-15-26W

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other DRY & ABANDONED
2. NAME OF OPERATOR
CHIEF DRILLING CO., INC.
3. ADDRESS OF OPERATOR
905 Century Plaza, Wichita, Kansas 67202
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:
5. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
U.S. GOVERNMENT LEASE W-62858
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
--
7. UNIT AGREEMENT NAME
--
8. FARM OR LEASE NAME
U.S. GOVERNMENT LEASE
9. WELL NO.
#1
10. FIELD OR WILDCAT NAME
HORCHEM NW
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE NE SE SEC. 20-15S-26W
12. COUNTY OR PARISH
GOVE COUNTY
13. STATE
KANSAS
14. API NO.
15-063-20,560
15. ELEVATIONS (SHOW DF, KDB, AND WD)
2437 GR. 2440 D.F. 2444 K.B.

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

State Geological Survey
WICHITA BRANCH

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.)*

Plug @ 4344' w/30 sx., Plug @ 3770' w/30 sx.
Plug @ 900' w/80 sx., Plug @ 330' w/40 sx.
10 sx. @ 40', 10 sx. in rat hole, 10 sx. in
mouse hole, Total 210 sx. 50-50 pos mix,
4% gel, 3% c.c., Started @ 4:30 p.m. Completed
@ 11:30 p.m. Marion Schmidt, Hays, State Plugger
7-30-82

Follow up report of Form 9-331 to follow when all the surface restoration work has been completed.

Subsurface Safety Valve: Manu. and Type None Required Set @ ____ Ft.

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

SIGNED F.W. Shelton TITLE VICE PRESIDENT DATE AUGUST 4, 1982
F.W. SHELTON, JR.,

(This space for Federal or State office use)

APPROVED BY Paul E. Bohlenberger TITLE JOHN L. PE... DATE 8-11-82
CONDITIONS OF APPROVAL, IF ANY: District Supervisor

*See Instructions on Reverse Side

Operator