

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NMSF - 078480

6. If Indian, Allottee or Tribe Name

53

SUBMIT IN TRIPLICATE - Other instructions on reverse side

7. If Unit or CA/Agreement, Name and/or No.

1

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

Dawson Federal #1

2. Name of Operator

Cross Timbers Operating Company

9. API Well No.

30-045-11873

3a. Address

2700 Farmington Ave., Bldg. K, Ste 1 Farmington, NM 87401

10. Field and Pool, or Exploratory Area

Blanco Mesaverde
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

835' FNL & 1,150' FWL Unit D Sec 26, T27N, R08W

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other DHC
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Application
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Cross Timbers Operating Co. is requesting approval of the enclosed procedure to DHC the above mentioned well. Cross Timbers also intends to place this well on rod pump during the DHC workover.

A copy of of the procedure is included for your approval.

RECEIVED
JUN 29 1999
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jeffery W Patton

Title

Production Engineer

Date 6-11-99

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Duane W. Spencer

Title Team Lead, Petroleum Management

Date JUN 25 1999

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMCCD



Dawson Federal #1

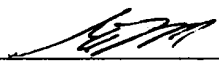
INSTALLATION OF ROD PUMP WORKOVER PROCEDURE

Casing: 4 ½", 10.5# & 11.6#, J-55 csg @ 6,739'. PBTD @ 6,685' KB.
Perforations: Mesaverde (Menefee) w/2 jspf fr/4,138', 4,144', 4,162', 4,164', 4,186', 4,216', 4,218', 4,236' & 4,238'.
Mesaverde (Pt Lookout) w/2 jspf fr/4,446', 4,448', 4,450', 4,456', 4,480', 4,482', 4,484', 4,492', 4,494', 4,496', 4,502', 4,506', 4,510', 4,512', 4,542', 4,544', 4,546', 4,588' & 4,591'.
Dakota w/1 jspf fr/6,538'-44', 6,588'-94', 6,626'-27', 6,634'-38' & 6,652'-56'.
Tubing: 143 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, API SN & notched collar. Landed notched collar @ 4,516' KB.
Current Status: Well SI.
Objective: Well has been approved for DHC. Pull retrievable BP & PWOP.

1. MI & set Emsco 114-145-54 ppg unit w/Arrow C-96 gas engine (fr/CTOC stock).
2. MIRU PU. Check and record tubing, casing and bradenhead pressures. Gauge & record prod tnk & pit tnk volumes.
3. MI air/foam unit. MI ± 70 jts (2,175') 2-3/8", 4.7#, J-55, EUE, 8rd tbg.
4. Blow down well and kill w/2 % KCl wtr as required.
5. ND WH. NU and pressure test BOP's.
6. PU 2-3/8" tbg & TIH. Tag for fill.
7. CO sd fill if required w/air/foam to RBP @ 4,637' KB.
8. TOH. Tally and visually inspect tbg. LD bad tbg. PU & replace tbg as required.
9. PU & TIH w/retrieving tool & 2-3/8" tbg to $\pm 4,637'$. Rel RBP & TOH. Kill well w/2 % KCl wtr if required.
10. TIH w/notched collar, SN & 2-3/8" tbg to PBTD (6,685' KB). If necessary, CO well w/air/foam unit. Note: There is a milled up model "D" pkr @ 6,685'.
11. TOH.



12. PU & TIH w/15' x 2-7/8" w/2-3/8" pin OPMA (contact Larry Babcock @ CTOC yard), API SN, ± 83 jts 2-3/8", 4.7#, J-55, EUE, 8rd tbg, Baker TAC & 2-3/8", 4.7#, J-55, EUE, 8rd tbg to surf. Land btm of OPMA @ $\pm 6,685'$. Set TAC @ $\pm 4,100'$. Notify CTOC engineering to inspect OPMA for compliance.
13. ND BOP. Set TAC w/15 pts tension. NU WH.
14. PU & RIH w/1" x 4' GAC (see engineering for specs.) 2" x 1-1/4" x 5' x 3' RHAC zero pmp, 1" x 1' lift sub, 3/4" RHBO box, ± 212 3/4" Grade "D" rods w/T cplgs, X-over cplg, 55 7/8" used Grade "D" rods (fr CTOC yard) w/slimhole cplgs & pony rods as required to space out pmp. Notify CTOC engineering to inspect pmp & GAC for compliance.
15. Space out pmp. HWO.
16. Load tbg & check pmp action w/ppg unit.
17. RDMO PU.
18. Start well ppg @ 5.0-5.5 SPM x 54" SL (longest hole).

Approvals:  1/6/99

DAWSON FEDERAL #1
WELLBORE DIAGRAM

PROPOSED

DATA

LOCATION: 835' FNL & 1150' FWL, UNIT D SEC 26 T27N R8W

COUNTY/STATE: SAN JUAN, NEW MEXICO

FIELD: BASIN DAKOTA

FORMATION: DAKOTA

NM LEASE#: API#: 300451187300 CTOWELL#: DK: 70196 MV: 70197

SPUD DATE: 10/10/66 COMPLETION DATE: 12/15/66

IP: MV: F. 3450 MCFPD. DK: F. 1810 MCFPD.

PRODUCTION METHOD: MV: FLWG GAS WELL DK: FLWG GAS WELL

TUBING STRING: 143 JTS 2-3/8" 4.7# J-55 EUE 8RD TBG, SN & NOTCHED COLLAR. TBG LANDED @ 4,516'

PERFS: MESAVERDE (MENEFE) w/2 JSPF FR/4,138', 4,144', 4,162', 4,164', 4,186', 4,216', 4,218', 4,236' & 4,238'

MESAVERDE (PT LOOKOUT) w/2 JSPF FR/4,446', 4,448', 4,450', 4,456', 4,480', 4,482', 4,484', 4,492', 4,494', 4,496', 4,502', 4,506', 4,510', 4,512', 4,542', 4,544', 4,546', 4,588' & 4,591'

DAKOTA W/1 JSPF FR/6,538'-44', 6,588'-94', 6,626'-27', 6,634'-38' & 6,652'-56'

HISTORY

10/10/66 SPUDDED 12-1/4" HOLE. KB: 6001'. GL: 5989'

10/11/66 SET 8-5/8" 20 & 24# J-55 STC CSG @ 410'. CMTD W/250SX CLASS "C" INCOR W/2% GEL, 2% CACL2 & 1/8#SX GEL FLAKES. CIRC CMT TO SURF.

10/21/66 REACHED TD OF 7-7/8" HOLE @ 6740'.

10/22/66 RAN OH LOGS. WLTD @ 6741'. SET 4.5" 10.5 & 11.6# J-55 STC CSG @ 6739'. DV TOOLS @ 4652' & 3180'. CMTD 1ST STAGE W/50SX CLASS "A" 50/50 POZMIX W/50 CUFT STRATA-CRETE 6 + 100SX CLASS "C" W/7# NACL2. CMTD 2ND STAGE W/70SX CLASS "C" W/16% GEL & 0.4% HR-7 + 65SX CLASS "C" W/7# NACL2. CMTD 3RD STAGE W/150SX CLASS "C" CMT W/8% GEL + 60SX CLASS "C" W/7# NACL2. DID NOT CIRC CMT IN ANY STAGE.

12/09/66 DO DV TOOLS @ 3180' & 4652'. CO TO 6692'. TSTD CSG TO 4200 PSIG. HELD OK.

12/10/66 SPOTTED 250 GALS ACID IN CSG.

12/11/66 RAN CBL. PERFD DAKOTA FR/6676'-70', 6656'-52', 6638'-34', 6627'-26', 6594'-88' & 6544'-38' (1 JSPF).

12/12/66 A. PERFS FR/6538'-6676' W/500 GALS 15% MUD ACID @ 1/2 BPM & 1950 PSIG. F. W/100,000 GALS 1% KCL WTR & 75,000 LBS 20/40 SD @ 46 BPM & 3800 PSIG. SET CIBP @ 4610'.

12/13/66 PERFD MV FR/4546'-42', 4510'-02', 4496'-92', 4482'-80' & 4456'-46' (1 JSPF). F. PERFS FR/4446'-4546' W/60,000 GALS 1% KCL WTR, 50,000 LBS 20/40 SD & 20,000 LBS 8/12 SD. TH WTBG & BIT.

12/14/66 TAGGED SD @ 4535'. CO SD TO CIBP @ 4610'. DO CIBP & PUSHED TO 6692'. POH.

12/15/66 FLWD WELL TO PIT.

12/16/66 SET MODEL "D" PKR @ 6501'. TH W/SEAL ASSBLY, SLIDING SLEEVE & 204 JTS 2-3/8" TBG. LANDED TBG @ 6501'. SN IN PKR.

01/03/67 MV: F. 3450 MCFPD.

01/10/67 DK: F. 1810 MCFPD.

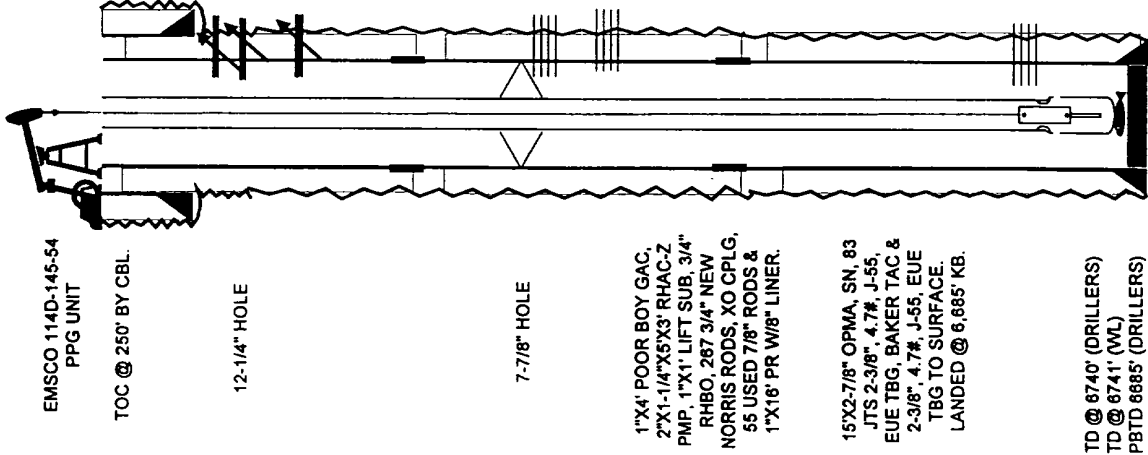
01/19/67 TH W/GAUGE RING TO 6486'. SET BAKER "F" BLANKING PLUG IN SN @ 6488'. TH W/FISHING TOOL & LATCHED ONTO SLIDING SLEEVE. COULD NOT OPEN SLIDING SLEEVE. TOOL STUCK. DROPPED BAR TO CUT WL. BAR DID NOT CUT WL.

10/20/79 BLEW WELL DWN. COULD NOT FREE TOOLS.

10/21/79 SITP 550 PSIG. DROPPED GO-DEVIL ON WL. DROPPED SINKER BAR TO CUT WIRE. POH W/ML. LEFT GO-DEVIL, 5' SINKER BAR, ROPE SOCKET, SINKER BAR, JARS, KNUCKLE JT & SHIFTING TOOLS IN HOLE.

10/23/79 PERFD TBG @ 4495', 4485', 4455', 4490' & 4450' W/1 SPF. BLEW WELL TO PIT.

DAKOTA TA'D. RTN'D MV TO PROD.



MODEL "D" PKR @ 6,685' KB

EMSCO 114D-145-54
PPG UNIT

TOC @ 250' BY CBL.

12-1/4" HOLE

7-7/8" HOLE

1"X4' POOR BOY GAC,
2"X1-1/4"X5"X3' RHAC-Z
PMP, 1"X1' LIFT SUB, 3/4"
RHBO, 267 3/4" NEW
NORRIS RODS, XO CPLG,
55 USED 7/8" RODS &
1"X16' PR W/8" LINER.

15X2-7/8" OPMA SN, 83
JTS 2-3/8", 4.7#, J-55,
EUE TBG, BAKER TAC &
2-3/8", 4.7#, J-55, EUE
TBG TO SURFACE.
LANDED @ 6,685' KB.

TD @ 6740' (DRILLERS)
TD @ 6741' (WL)
PBTD 6685' (DRILLERS)

DAWSON FEDERAL #1 WELLBORE DIAGRAM

03/15/91	STING OUT OF MODEL "D" PKR. POH.	04/18/91	POH WRBP. SET CIBP @ 4635'. SPOTTED 15SX CMT PLUG FR/4446'-4546'. PU & WOC. TAGGED TOC @ 4496'. SPOTTED 23SX CMT PLUG FR/4496'-4403'. PU TO 2340'. SPOTTED 23SX CMT PLUG W/2" CAC2L CMT FR/2099'-2320'. POH.
03/16/91	SCRAPER TO 6500'. POH. TIH WISEAL ASSBLY & 205 JTS 2-3/8" TBG. STUNG INTO PKR @ 6501'.	04/19/91	TAGGED CMT @ 1936'. SHOT 4 SQZ HOLES @ 1696'. PPD 75SX CLASS "B" CMT @ 1.5 BPM & 100 PSIG. NO CMT RTNS TO SURF.
03/17/91	DK: SITP 100 PSIG. SICP 50 PSIG. S. 50 BW, 9 RUNS. BFL @ 2500' FS. WELL KO FLWG. F. 400 MCF, FTP 255 PSIG, SICP 550 PSIG, OPEN CK, 24 HRS.	04/20/91	SHOT 4 SQZ HOLES @ 950'. PPD 20 BBLs CMT @ 3 BPM & 450 PSIG. CMT TRUCK BROKE DWN. REV CIRC CMT TO 860'. POH.
03/18/91	DK: F. 220 MCF, FTP 255 PSIG, SICP 550 PSIG, OPEN CK, 18 HRS.	04/21/91	RAN TS. COULD NOT FIND TOC. RAN CBL TOC @ 250' FS.
03/19/91	TIH WPKR SHOE. STD MILLING PKR @ 6501'.	04/23/91	TIH WBIT. TAGGED CMT @ 950'. DO CMT FR/950'-980'. FELL TO 1454'. DO CMT FR/1454'-1775'. PRESS TSTD CSG TO 500 PSIG. HELD OK. TIH TO 4190'. DO CMT FR/4190'-4526'.
03/21/91	POH W/SHOE. REC 6" OF PKR MANDREL. TIH W/NEW SHOE. REC 18" PKR MANDREL. TIH W/JUNK MILL & BAILER. TAGGED PKR REMAINS @ 6439'.	04/24/91	TSTD CSG TO 500 PSIG. HELD OK. DO CIBP @ 4635'.
	WORKED JUNK TO 6634'. POH.	04/25/91	FIN DO CIBP @ 4635'. PUSHED CIBP TO 6625'. DRILLED TO 6688'. CIRC WELL CLEAN.
03/22/91	TIH W/JUNK MILL. MILLED ON JUNK TO 6635'. POH W/MILL. TIH WPKR & RBP. SET RBP @ 4380'. RBP WOULD NOT TST. TSTD TCA. NO TST. DROPPED SV IN TBG. NO TST. POH W/TBG, PKR & RBP. TIH WRBP, PKR & TBG. TSTD TBG WHILE TIH. SET RBP @ 4320'. TSTD RBP. HELD OK. ISOLATED CSG LEAK BETWEEN 2099'-2320'. TIH TO 4320'. REL RBP. TIH & SET RBP @ 6470'. PU & SET PKR @ 4408'.	04/26/91	SET MODEL "D" PKR @ 6510'. TIH W/STINGER & 2-3/8" TBG. STUNG INTO MODEL "D" PKR. TBG LANDED @ 6518'. PKR @ 6510'.
		04/26/91	S. 45 BBLs. BFL @ 2000' FS. FFL @ 5500' FS.
		05/07/91	SWBD WELL. KO FLWG.
		01/01/98	CTOC ASSUMED OPERATIONS.
03/23/91	MV: SITP 0 PSIG, SICP 0 PSIG. S. 109 BLW. BFL @ 2000' FS. FFL @ 3000' FS.	09/19/98	MIRU PU. TOH W/2-3/8" TBG & SEAL ASSY. TBG TALLY 6,491'.
03/26/91	MV: SITP 200 PSIG, SICP 0 PSIG. S. 50 BLW. BFL @ 1800' FS. FFL @ SN.	09/19/98	TIH WBIT & SCRAPER. TIH WRBP & PKR.
03/28/91	SPOTTED 100 GALS ACID ACROSS MV PERFS. POH W/TBG. PERF'D MV @ 4591'-88'. 4546'-42', 4512'-02', 4495'-92' & 4484'-80' W/4 JSPF (176 HOLES). TIH WPKR. SET @ 4408'. S. 40 BBLs. BFL @ 2500' FS. FFL @ 3500' FS.	09/22/98	CSG TSTD OK FR/6,475'-4,672'. CSG LEAKING FR/4,672'-4,411'. 200 PSIG IN 2". CSG LEAKING FR/2,198-2,166', 400 PSIG IN 3". CSG TSTD OK FR/2,166-992'. CSG LEAKING FR/992'-929'. 200 psig in 5". CSG TSTD OK FR/929'-SURF.
03/29/91	S. 45 BBLs. BFL @ 3800' FS. FFL @ 4200' FS.	09/24/98	RIH W/GR/CCL/CBL LOG FR/4,650'-200'.
04/03/91	A. MV PERFS FR/4446'-4591' W/2500 GALS 15% HCL & 70,000 SCF N2 @ 2 BPM & 1900 PSIG. ISIP 1900 PSIG. 5" SIP 1700 PSIG. 10" SIP 1400 PSIG. S. 26 BLW. BFL @ 500' FS. FFL @ 3000' FS.	09/25/98	MIRU PMP TRK. EIR INTO CSG LEAK FR/2,190-2,166' @ 1/8 BPM & 1,350 PSIG. LK TOO TIGHT TO SQUEEZE. S. LK FOR 3/4 HR. REC TRACE OF WTR. S. LK FR 2,190'-929' FOR 1 HR. REC 1/4 BW IN 1-3/4 HRS. LEAKS TOO TIGHT SQUEEZE. RDMO PMP TRK.
04/04/91	S. 46 BBLs. BFL @ 3000' FS. FFL @ 4200' FS.	09/26/98	RIH W/SDL DRILL. SPUNDED ON MODEL D PKR FOR 30". STUCK DRILL. WORKED LOOSE. RIH & CO W/JUNK BASKET. RIH W/SDL DRILL. SPUNDED FOR 15". STUCK DRILL.
04/05/91	S. 27 BBLs. BFL @ 2800' FS. FFL @ 4300' FS.		WORKED FREE. RD SDL DRILL. TIH W/3-7/8" CB MILL, DC'S & TBG.
04/06/91	COULD NOT REL PKR. PULLED ON PKR FOR 2 HRS. REL PKR. POH W/TBG & W/BAILER & TAGGED FILL @ 6415'. BAILED FILL TO 6485'.	09/29/98	DO MODEL D PKR. PUSHED PKR TO BTM (6,685').
04/09/91	TAGGED FILL @ 6446'. BAILED FILL TO 6460'.	09/30/98	TIH & SET RBP @ 4,637' KB. RU WL. PERF'D PT LOOKOUT W/1 JSPF SELECT FIRE GUN AS FOLLOWS: 4,591', 4,588', 4,546', 4,544', 4,512', 4,510', 4,506', 4,502', 4,496', 4,494', 4,492', 4,484', 4,482', 4,480', 4,456', 4,450', 4,448' & 4,446'. RU HALLIBURTON. BD PERFS @ 3,300 PSIG. A. PERFS W/1,000 GALS 15% HCL ACID & 30 BS. NO BA. ISIP 800 PSIG. 5" SIP VAC.
04/10/91	TIH W/2-3/8" TBG. SPOTTED 4 BBLs CMT PLUG ACROSS MV PERFS FR/4446'-4591'. SPOTTED 7.5 BBLs CMT PLUG ACROSS HOLES FR/2099'-2320'. DISPLACED CMT INTO CSG.	10/01/98	F. PT LOOKOUT PERFS DWN 2-3/8" N-80 TBG AS FOLLOWS: 3,000 GALS 20# DELTA 140 PRE-PAD. 3,500 GALS 20# DELTA 140 PAD. 500 GALS 20# DELTA 140 @ 2 PPG SD. 750 GALS 20# DELTA 140 @ 3 PPG SD. 1,200 GALS 20# DELTA 140 @ 4 PPG SD. 1,200 GALS 20# DELTA 140 @ 5 PPG SD. FLUSHED WELL W/ 660 GALS LINEAR GEL. AIR 15.5 BPM. ATP 5,200 PSIG. ISIP 1,500 PSIG. 5" SIP 1,000 PSIG. 10" SIP 663 PSIG. 15" SIP 441 PSIG. RIH W/MIL & PERF'D THE MENEFEE W/2 JSPF AS FOLLOWS: 4,238', 4,236', 4,218', 4,216', 4,186', 4,164', 4,162', 4,144' & 4,138'. A. MENEFEE PERFS W/450 GALS 15% HCL ACID & 30 BS. GOOD BA. ISIP 1,757 PSIG. 30" SIP 0 PSIG. F. MENEFEE PERFS DWN 2-3/8" N-80 TBG AS FOLLOWS: 7,000 GALS 20# DELTA 140 PAD. 1,000 GALS 20# DELTA 140 @ 2 PPG SD. 1,000 GALS 20# DELTA 140 @ 3 PPG SD. 4,000 GALS 20# DELTA 140 @ 4 PPG SD. 2,500 GALS 20# DELTA 140 @ 5 PPG SD. PPG EQUIPMENT LOST RATE. WELL SCREENED OUT. ABLE TO FLUSH 200 GALS 20# LINEAR GEL. ISIP 1,750 PSIG. 5" SIP 1,714 PSIG. 10" SIP 1,704 PSIG. 15" SIP 1,675 PSIG. SWI. STD TO FLOWBACK WELL. WELL DIED IN 5".
04/11/91	TIH W/3-3/4" BIT. TAGGED CMT @ 2123'. DO CMT TO 2345'. FELL TO 4191'. DO CMT FR/4191'-4502'. TIH TO 6458'. CIRC SD OFF RBP.		
04/12/91	CIRC HOLE CLEAN. POH WRBP. TIH WPKR. SET PKR @ 6496'. DK: S. 41 BW. BFL 2000' FS. FFL 5000' FS.		
04/13/91	BLEW WELL TO PIT. F. 84 MCF, FTP 305 PSIG, 32/64" CK, 19 HRS.		
04/15/91	F. 97 MCF, FTP 303 PSIG, 32/64" CK.		
04/17/91	PRESS TSTD CSG TO 500 PSIG. LOST 300 PSIG IN 2". PU & SET PKR @ 2410'. PRESS TSTD HOLES FR/2099'-2320' TO 500 PSIG. LOST 300 PSIG IN 2". RAN CBL FR/2100'-350'.		

DAWSON FEDERAL #1 WELLBORE DIAGRAM

10/03/98 MIRU CUDD CTU. CO SD USING AIR/FOAM W/1" TBG FR/976'-4,268'. CIRC ON
BTM W/IR/FOAM 1 HR. RDMO CTU. REL PKR. TOH W/TBG & PKR. TIH W/NC &
TBG. CO SD FILL FR/4,130'-4,282'.
10/06/98 TIH & REC RBP @ 4,282'. TIH & CO SD FR/4,535'-4,637'.
10/07/98 CO SD FILL AGAIN TO 4,637'. CIRC ON BTM 1.5 HRS. PU & LANDED TBG AS
FOLLOWS: NC, SN & 142 JTS 2-3/8", 4.7#, J-55, EUE, 8RD TBG. LANED EOT @
4,516' KB. SN @ 4,515' KB. RU SWAB. BFL 3,000' FS. S. 0 BO, 51 BLW, 4 HRS (16
RUNS). FFL 3,600' FS.
10/08/98 RU SWAB. BFL 3,000' FS. S. 0 BC, 61 BLW, 5 HRS (25 RUNS). FFL 3,700' FS.
RDMO PU. MIRU SU. BFL 3,200' FS. S. 0 BC, 61 BLW, 4 HRS (12 RUNS). FFL 2,100' FS.
10/09/98 BFL 2,800' FS. S. 0 BC, 70 BLW, 9 HRS (30 RUNS). FFL 4,200' FS.
10/10/98 BFL 3,200' FS. S. 0 BC, 68 BLW, 9 HRS (30 RUNS). FFL 4,200' FS.
10/11/98 BFL 3,400' FS. S. 0 BC, 33 BLW, 6 HRS (18 RUNS). FFL 4,200' FS.
10/13/98 BFL 2,900' FS. S. 0 BC, 70 BLW, 9 HRS (28 RUNS). FFL 4,300' FS.
10/14/98 BFL 3,400' FS. S. 0 BC, 29 BLW, 9 HRS (13 RUNS). FFL 3,700' FS. MIRU WL. RIH
W/1 50' BL BX. TAGGED FILL @ 4,594' FS. BTM PERF @ 4,579' FS. RDMO WL.
10/15/98 BFL 3,400' FS. S. 0 BC, 11 BLW, 3 HRS (5 RUNS). FFL 4,300' FS. RDMO SU.
11/06/98 MIRU SU. BFL 2,700' FS. S. 4 BC, 16 BLW, 4 HRS (5 RUNS). FFL 2,700' FS. WELL
KO FLWG. F. 2 BC, 8 BLW, 1 HR.
11/09/98 BFL 2,700' FS. S. 0 BC, 20 BLW, 6 HRS (8 RUNS). FFL 2,400' FS.
11/11/98 BFL 2,800' FS. S. TR BC, 50 BLW, 8 HRS (14 RUNS). FFL 3,900' FS.
11/12/98 BFL 2,900' FS. S. 2 BC, 43 BLW, 10 HRS (16 RUNS). FFL 4,200' FS. WELL KO
FLWG AFTER RUN #5 & #10 FOR 5".
11/13/98 BFL 2,900' FS. S. 2 BC, 21 BLW, 5 HRS (10 RUNS). FFL 3,900' FS. WELL KO FLWG
AFTER EACH RUN #3-#10 FOR 5 TO 10".
11/16/98 BFL 3,500' FS. S. 1 BC, 34 BLW, 10 HRS (35 RUNS). FFL 4,100' FS. SWAB TSTD
TBG WHILE FLWG CSG TO SALES. PRODUCED 14 MCF IN 6 HRS. RDMO SU.
11/23/98 SHOT FL @ 96 JTS FS (3,052' FS). FL @ 1,464' AEOT. FL @ 1,463' ASN. FL @
1,086' ATP.