

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-015-22398
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No. SRMA1216	
7. Lease Name or Unit Agreement Name BIG EDDY UNIT	
8. Well Number	60
9. OGRID Number	001801
10. Pool name or Wildcat FENTON (BONE SPRING)	

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" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
BEPKO, L.P.

3. Address of Operator
P.O. BOX 2760
MIDLAND, TX 79702-2760

4. Well Location
Unit Letter J : 1980 feet from the SOUTH line and 1980 feet from the EAST line
Section 20 Township 21S Range 28E NMPM County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3204.3' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MIRU plugging equipment and PU.

- 1- RIH with 5-1/2" CIBP set @ 6335' (Top of Pkr. at 6336'). Circulate wellbore with 10 ppg salt gel mud.
- 2- Spot 35 sxs Class "C" neat cement from 5985' to 6335'.
- 3- Free point 5-1/2" casing. Cut casing at free point @ +/- 4000'. POH and lay down casing.
- 4- Spot 50 sxs Class "C" neat cement 50' inside & 50' on top of Csg. Stub. WOC & Tag
- 5- Spot 40 sxs Class "C" neat cement from 3102' to 3249'. 8-5/8" Csg. Shoe at 3199'. WOC & Tag
- 6- Spot 40 sxs Class "C" neat cement from 2798' to 2945'.
- 7- Spot 40 sxs Class "C" neat cement from 703' to 850'. DV Tool @ 800'. WOC & Tag
- 8- Spot 40 sxs Class "C" neat cement from 445' to 592'. 11-3/4" Csg. Shoe at 542'. WOC & Tag
- 9- Spot 40 sxs Class "C" neat cement from 229' to 376'
- 10- Spot 25 sxs Class "C" neat cement from 0' to 100' from Surface.

Install dry hole marker.

BEPKO will use steel pits and haul fluids each day.

**Notify OCD 24 hrs. prior
to any work done.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Ann Moore TITLE PRODUCTION CLERK DATE 06/29/2007

Type or print name ANN MOORE

E-mail address: camoorebasspet.com

Telephone No. (432)683-2277

For State Use Only

APPROVED BY: Phil Harrison TITLE 21 DATE July 11, 07

Conditions of Approval (if any):

PLUG AND ABANDON DIAGRAM

Lease: BIG EDDY UNIT

Well No.: 60

Field: FENTON (BONE SPRING)

Location: 1980' FSL & 1980' FEL, SEC 20, T21S, R28E

County: Eddy St: NM

API: 30-015-22398

Surface Csg.

Size:	11-3/4"
Wt	42 #
Grd	K-55
Set @:	542'
Sxs cmt.	400
Circ:	Yes
TOC:	Surface
Hole Size:	15"

Intermediate Csg.

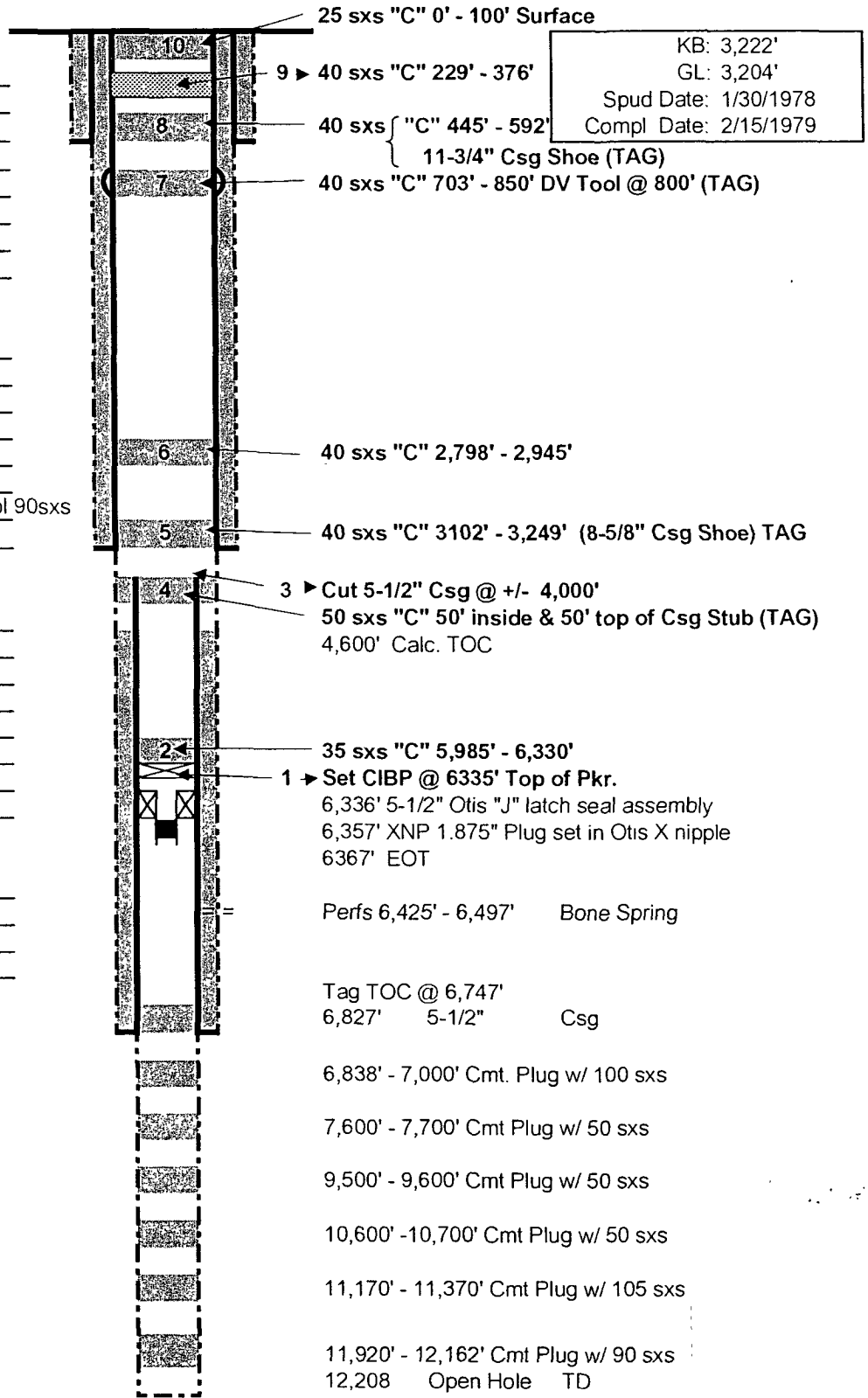
Size:	8-5/8"
Wt	24 & 32 #
Grd	K-55
Set @:	3,199'
Sxs Cmt	925
Circ:	Yes
TOC	Surf - 50sxs, DVTool 90sxs
Hole Size.	11"

Production Csg.

Size:	5-1/2"
Wt	15.5 & 17 #
Grd	K-55
Set @:	6,827'
Sxs Cmt:	450
Circ:	No
TOC:	4,600' Calc.
Hole Size:	7-7/8"

Tubing

Size:	2-3/8"
No Jts:	204
Wt:	4.7 #
Grd:	J-55



PBTD: 6,838'
TD: 12,208'

Updated: 6/27/2007
Author: WHF
Engr: MMM

CURRENT WELLBORE DIAGRAM

Lease: **BIG EDDY UNIT** Well No.: **60**
 Field: **FENTON (BONE SPRING)**
 Location: **1980' FSL & 1980' FEL, SEC 20, T21S, R28E**
 County: **Eddy** St: **NM** API: **30-015-22398**

Surface Csg.

Size: 11-3/4"
 Wt: 42 #
 Grd: K-55
 Set @: 542'
 Sxs cmt: 400
 Circ: Yes
 TOC: Surface
 Hole Size: 15"

KB: 3,222'
 GL: 3,204'
 Spud Date: 1/30/1978
 Compl Date: 2/15/1979

Intermediate Csg.

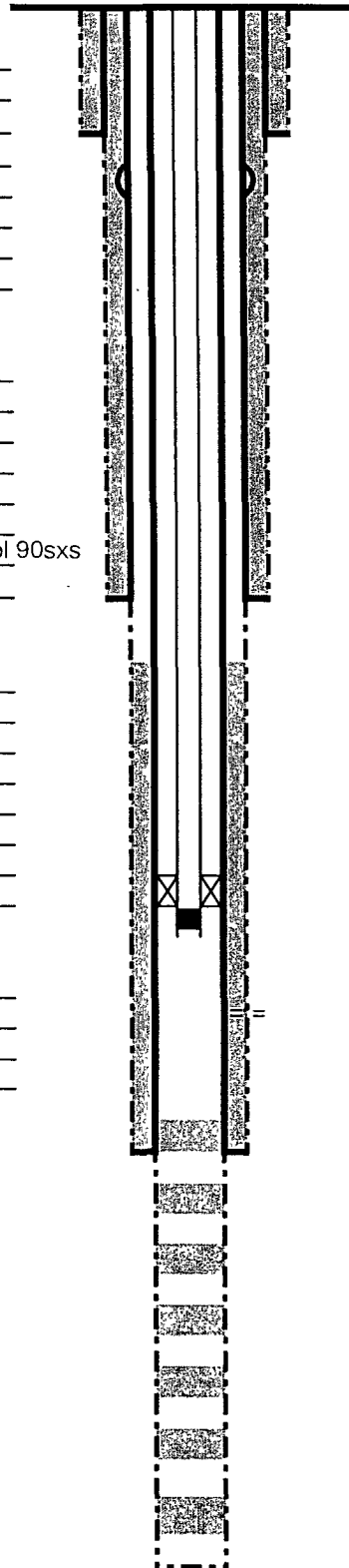
Size: 8-5/8"
 Wt: 24 & 32 #
 Grd: K-55
 Set @: 3,199'
 Sxs Cmt: 925
 Circ: Yes
 TOC: Surf - 50sxs, DVTool 90sxs
 Hole Size: 11"

Production Csg.

Size: 5-1/2"
 Wt: 15.5 & 17 #
 Grd: K-55
 Set @: 6,827'
 Sxs Cmt: 450
 Circ: No
 TOC: 4,600' Calc.
 Hole Size: 7-7/8"

Tubing

Size: 2-3/8"
 No Jts: 204
 Wt: 4.7 #
 Grd: J-55



542' 11-3/4" Csg
 DV Tool @ 800'

3,199' 8-5/8" Csg

4,600' Calc. TOC

6,336' 5-1/2" ← { Otis "J" latch seal assembly
 6,357' XNP 1.875" Plug set in Otis X nipple
 6367' EOT

Perfs 6,425' - 6,497' Bone Spring

Tag TOC @ 6,747'
 6,827' 5-1/2" Csg

6,838' - 7,000' Cmt. Plug w/ 100 sxs

7,600' - 7,700' Cmt Plug w/ 50 sxs

9,500' - 9,600' Cmt Plug w/ 50 sxs

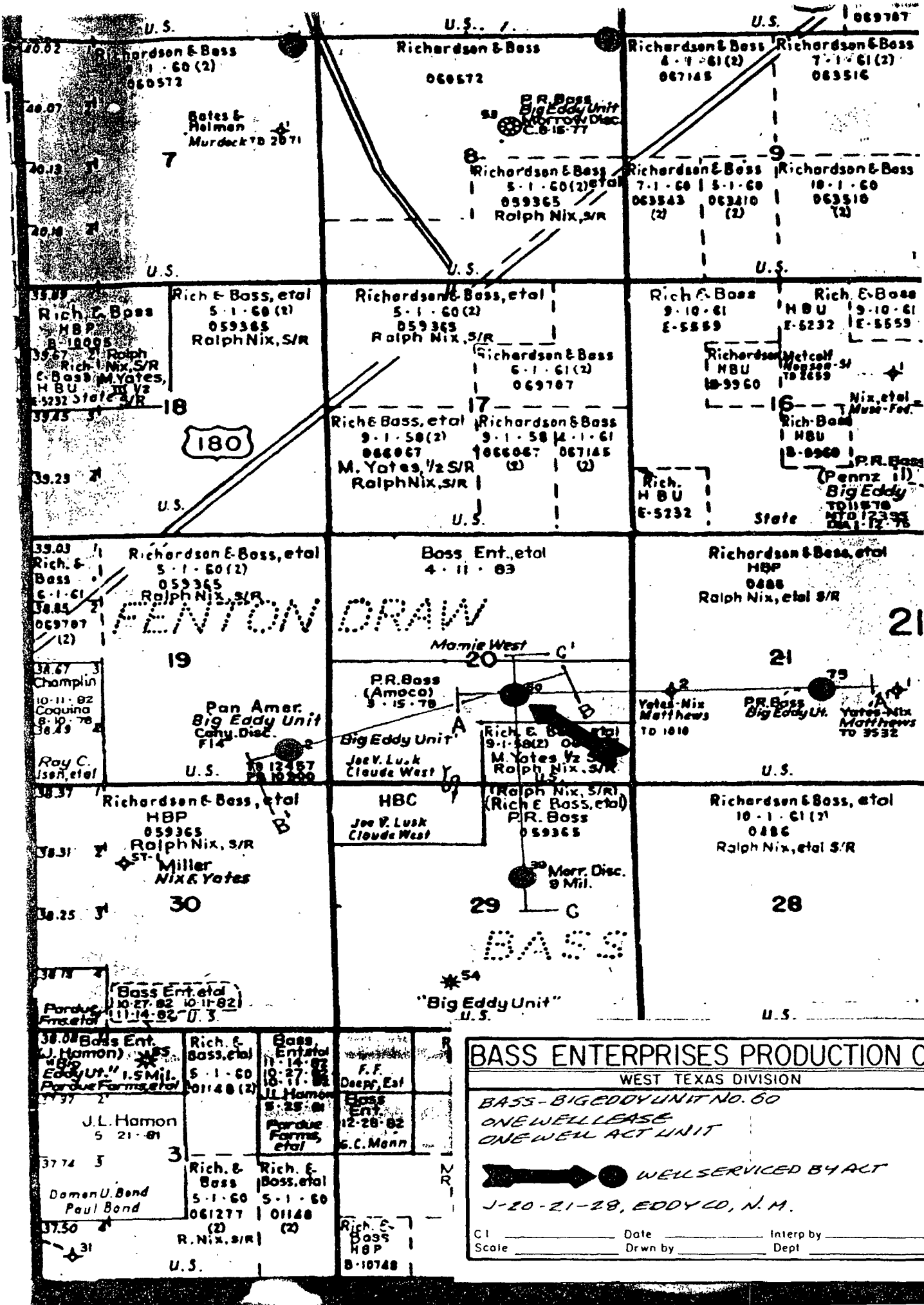
10,600' - 10,700' Cmt Plug w/ 50 sxs

11,170' - 11,370' Cmt Plug w/ 105 sxs

11,920' - 12,162' Cmt Plug w/ 90 sxs
 12,208 Open Hole TD

PBTD: 6,838'
 TD: 12,208'

Updated: 6/27/2007
 Author: WHF
 Engr: MMM



WELL HISTORY

WELL NAME: BIG EDDY UNIT #60

API: 30-015-22398

FIELD NAME: FENTON (BONE SPRING)

LOCATION: 1980' FSL & 1980' FEL, SEC 20, T21S, R28E
Eddy County, NM

TD: 12208

3222' KB

PBTD: 6838

3204' GL

SPUD DATE: 01/30/1978

COMP DATE: 02/15/1979

CASING:	Size	Wt	Grd	Set Depth	Sxs	Class	TOC	Hole	Hole Depth
	11 ¾	42	H-40	542	400	C	Surf	15	542
	8 5/8	24 32	K-55	3199	625 300	Lite C	Surf	11	3200
	5 ½	15.5 17	K-55	6824	450	50-50 Poz	4600 est	7 7/8	6838
LINER:									
OPEN HOLE:	7 7/8	6838- 12208							
TUBING:	204 jts 2 3/8" 4.7#, J-55								

DST:

- #1: 03/18/1978: 12010-12055, IHP 6299#, FHP 6266#, IFP 2374-834#
- #2: 03/20/1978: 11695-11920, IHP 6273#, FHP 6273#, IFP 304-348#
- #3: 03/23/0978: Pkr @ 11008' & 11230'
- #4: 03/25/1978: 10984-11170, IHP 5859#, FHP 5825#, IFP 457-405#
- #5: 03/27/1978: 6395-6531, IHP 3311#, FHP 3332#, IFP 204-235#

CORES & LOGS:

DATE	LOG	COMPANY	TOP	BOTTOM
02/04/1978	CAL		542	3202
03/15/1978	DL-ML-CD-CN		3200	12219
04/24/1978	GR		5700	6747

FORMATION TOPS:

Delaware	2513
Bone Spring	5806
Wolfcamp	9341
Strawn	10625
Atoka	11027
U Morrow	11418
M Morrow	11729
L Morrow	11986

PRESSURE SURVEY: 04/28/1978
01/16/1979
01/30/1979
02/17/1979
03/17/1979
04/11/1979

DRILLING: Cmt 11 ¾' csg w/ 300sxs CLs "C", Tailed w/ 100sxs CLs "C". CIRC.
Cmt 8 5/8" csg:
Stage 1: w/ 475 sxs Hallco Lite, tailed w/ 200sxs CLs "C". Circ 90sxs thru DVTool @ 786'.
Stage 2: w/ 150sxs Hallco Lite, tailed w/ 100sxs CLs "C". Circ 50sxs to Surf.
03/18/1978 DST # 1
03/19/1978 Cmt Plug: 90sxs CLs "H", 11920-12162.
03/20/1987 DST # 2.
03/23/1978 DST # 3.
Cmt Plug: 105sxs CLs "H", 11170-11370.
03/25/1978 DST #4.
03/27/1978 DST #5.
03/28/1978 Cmt Plugs: 50sxs CLs "H", 10600-10700.
50sxs CLs "H", 9500-9600.
50sxs CLs "H", 7600-7700.
100sxs CLs "H", 6838-7000. Tag TOC @ 6838.
03/28/1978 Cmt 5 ½" csg w/ 450sxs 50-50 Poz.

INITIAL COMPLETION:

04/24/1978 Log McCullough Gamma Ray, Dresser Densilog Neutron. Tag cmt in csg @ 6747'.
04/25/1978 Spot 250gals 10% Acetic Acid. **PERF:** 6425-6497 11 shots. Broke formation @ 1400psi, displace acid @ 1550psi. ISl: 1300psi, 5min: 700psi, 10min: 450psi, 15min: 300psi.
04/27/1978 **Acidize** w/ 3000gals 15% MSR-100 + 20 ball sealers. Max Pressure – 5500psi, Avg Pressure – 3500psi, Final Pressure – 3400psi, ISIP – 1350psi. Balled out w/ 15 bbls flush to go. Surged balls off and flushed acid to perfs. 5 min SI – 1250psi, 10min SI – 1125psi, 15min SI – 975psi.
04/28/1978 Hang PSI bombs @ 6300', SI for 72hr BHP.
05/03/1978 Pull PSI bombs. BHP 2769psi @ 6461 before flow. BHP 1940psi @ 2.262MMCFPD 1200psi FTP.
05/04/1978 Set Packer and tailpipe @ 6342. Run Otis "XN" plug. Lubricator filled w/ paraffin at end of job. Drop from report until tied into sales.
01/21/1979 RU Otis slick line. Ran 1.906" OD gage ring to 95'. Ran paraffin to 97', recovered amber paraffin. SI.

01/24/1979	Hot Oil well thru Coiled Tbg.
01/25/1979	Ran impression block, no problem. Retrieve Otis "XN" plug from "N" nipple.
01/26/1979	Hang PSI bombs @ 6360'.
01/27/1979	Pull PSI bombs.
01/30/1979	Ran PSI bombs. SI well.
02/01/1979	Pulled bombs.
02/03/1979	Run 1.91 gage to 3534'. Set Camco 2" slip type tubing stop @ 3534. Drop bump spring & Paraffin knife plunger.
02/04/1979	Started flowing, TP = 1875, CP = 0, @ 1.2MMCFPD, FTP 1090-1050psi.
02/17/1979	Pull Camco tbg stop. Set BHP bombs @ 6360'. Attempt to set Gray BPV @ surface w/o success. Pulled BHP bombs. Set Plun in Otis "N" nipple @ 6375'. SI.
03/15/1979	Ran impressions block, no impression. RIH w/ bailer to 6360, recovered small amount of paraffin.
03/16/1979	Ran bailer, recovered paraffin and diesel. Pulled Otis PN Plug. Set bombs @ 6355'.
03/17/1979	Pull Bombs. Ran bombs back to 6355'.
03/20/1979	Retrieve bombs @ 6358' Ran static to 6461. Set 1.87" Otis "N" plug @ 6358' in Otis nipple.
03/23/1979	Pull Otis "PN" plug.
04/11/1979	Set BH tandem bombs in "N" nipple @ 6358. Wait 6 hr. Pull bombs.
04/14/1979	Pull Packer & Tail pipe.
04/17/1979	Set Otis T.B. packer & tail pipe @ 6335. Install Stainless Steel Tbg hanger. Set Otis "X" plug in "XN" nipple. Install tbg plug in tbg hanger.
06/07/1979	Well SI waiting on sweetening plant & pipeline connection.
07/04/1980	Pull tbg plug from tbg hanger. Pull "X" plug from "XN" nipple @ 6335.
07/23/1980	Open well to production through plant @ 400 MCFPD.

WORKOVERS:

03/21/1986	Hot Oil tbg w/ 50 bbls 2% KCL + paraffin dispersant. Set "XNP" plug in profile nipple & load tbg w/ corrosion inhibitor.
03/12/2002	Perform MIT. Held OK.
01/12/2005	Tested annulus to 500 psi for 30 minutes, ok.