

STATE OF KANSAS
KANSAS CORPORATION COMMISSION
Finney State Office Building
130 South Market - Room 2078
Wichita, Kansas 67202-3802

RECEIVED
STATE CORPORATION COMMISSION

FORM CP-1 (3/92) 08
JH (3/92) 08

WELL PLUGGING APPLICATION FORM
(PLEASE TYPE FORM and File ONE Copy)

7-02-98
COURT DIVISION
Wichita, Kansas

API # 15-189-22184000Q (Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR Mobil E&P USA KCC LICENSE # 5208 6/99
(owner/company name) (operator's)

ADDRESS 2319 N Kansas CITY Liberal

STATE Kansas ZIP CODE 67905 CONTACT PHONE # (316) 626-1149

LEASE Mallory A WELL# 1-2 SEC. 01 T. 33S R. 35W (East/West)

NE - SW - SW - SW SPOT LOCATION/QQQQ COUNTY Stevens

1250' FEET (in exact footage) FROM S/N (circle one) LINE OF SECTION (NOT Lease Line)

1250' FEET (in exact footage) FROM E/W (circle one) LINE OF SECTION (NOT Lease Line)

Check One: OIL WELL GAS WELL D&A SWD/ENHR WELL DOCKET# _____

CONDUCTOR CASING SIZE _____ SET AT _____ CEMENTED WITH _____ SACKS

SURFACE CASING SIZE 8-5/8" SET AT 601' CEMENTED WITH 350 SACKS

PRODUCTION CASING SIZE 5-1/2" SET AT 3077' CEMENTED WITH 320 SACKS

LIST (ALL) PERFORATIONS and BRIDGE PLUG SETS: 2697-2717', 2748-2752'

ELEVATION 2939'/2949' T.D. 3087' PBD 2776' ANHYDRITE DEPTH 1680-1720'

(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD POOR CASING LEAK JUNK IN HOLE

PROPOSED METHOD OF PLUGGING See Attached Prodedure

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? *No IS ACO-1 FILED? Yes

If not explain why? *Logs are filed with KCC

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

Monte Dietz PHONE# (316) 544-5547

ADDRESS PO Box 400 City/Sta Hugoton, KS

PLUGGING CONTRACTOR Sargent-Horton KCC LICENSE # 31151 1/99
(company name) (contractor's)

ADDRESS RT 1 Box 49BA, Tyrone, OK 73951-9731 PHONE # (580) 854-6515

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) Will notify KCC in Dodge when date is known

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-118) WILL BE GUARANTEED BY OPERATOR OR AGENT

DATE: 6/26/98 AUTHORIZED OPERATOR/AGENT: William T. Blagrove

(signature)

Existing String:

None.

Tubular Goods Required:

~3180', ~99jts, 2 3/8", 4.7 #, J55, EUE, 8rd tbg workstring.

BOPE Consideration:

None

Capacity Data:

7 7/8" borehole	.0602 bbl/ft	.2773 sx/ft
8 5/8" 24 # csg	.0636 bbl/ft	.2930 sx/ft
5 1/2" 14 # csg	.0244 bbl/ft	.1123 sx/ft
2 3/8" tbg	.00387 bbl/ft	.0178 sx/ft
Class H cmt slurry	1.22 cu ft/sx	15.5 #/gal

General Procedure:

1. MIRU workover rig and cement mixer. Breakdown wellhead.
2. Dig out 8 5/8" surface casing.
3. RIH with 2 3/8" tbg and tag PBTD or fill level. TOO H and RIH with Bridge Plug. Set plug at 2650 ft. Top of perms is 2697 ft. Set 2 sacks of cement on top of bridge plug and WOC for 4 hrs.
4. PU & RIH w/2 3/8" tbg and fill 5 1/2 in casing to surface w/36 vis 9 ppg mud. (65 bbls w/30% (36 bbl) excess). POOH.
5. Do a 3 Point stretch test on 5 1/2 in csg. Cut 5 1/2 in casing at ~depth above TOC (as determined by stretch calculations) w/slickline casing cutting explosive. Pull strain on 5 in casing and detonate charge (by dropping go-devil). POOH w/slickline.
6. Work 5 1/2 in csg free with rig. POOH and lay down 5 1/2 in csg.
7. **If the Calculated TOC is below the Anhydrite:** (Stone Corral 1687-1755); a 70 sack cement plug will be set across this formation. (Assumption of 7 7/8" borehole with 50 ft cemented above and below the anhydrite formation)
8. PU & RIH w/2 3/8" tbg to ~1805'. Balance cmt plug from ~1805' to ~1637' by equalizing in ~15.2 bbls (70 sx includes 50% excess) of class H cmt. Pull 10 jts of 2 3/8" tbg and flush w/3 bbls of mud. WOC 4 hrs. This plug will satisfy the KCC requirement to set a 70sack plug across the Anhydrite (Stone Corral) zone. Tag TOC. KCC may request additional cmt to be pumped if TOC is below 1687'.
9. **If the Calculated TOC is above the Anhydrite or after the Anhydrite has been plugged off:** POOH and lay down 2 3/8" tbg to ~625'. Fill hole w/mud if necessary and then balance cmt plug from ~625' to ~400' across the fresh water zone by equalizing in ~15.0 bbls (70 sacks cement includes 50% excess in wellbore) of class H cmt. Pull 10 jts 2 3/8" tbg and flush w/3 bbls mud. WOC 4 hrs. KCC may request additional cmt to be pumped if TOC does not tag at an acceptable depth.
10. Fill Csg with 9 lb/gal mud and POOH and lay down tbg.

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11. Cut 8 5/8" casing 5' Below G. L. Pump 10 sx of cement at top of casing and WOC 4 hrs. After cmt has set weld a steel cap across csg stub stating well name, number, and date of plugging.
12. RDMO. Clean and level location.

Required: Maximum of 160 Sacks of Class H cement.

William H. Blgrave
Production Engineering
Operations Engineer

Well Mallora "A" 1-2

API 15-189-22184

EGM 26258-1048

Loc Code: 62993

Sect 01-33S-35W

EKB 2949

Date Drilled 6/30/97

FOR THE STATE OF KANSAS
DEPARTMENT OF REVENUE
DIVISION OF OIL AND GAS
WICHITA, KANSAS

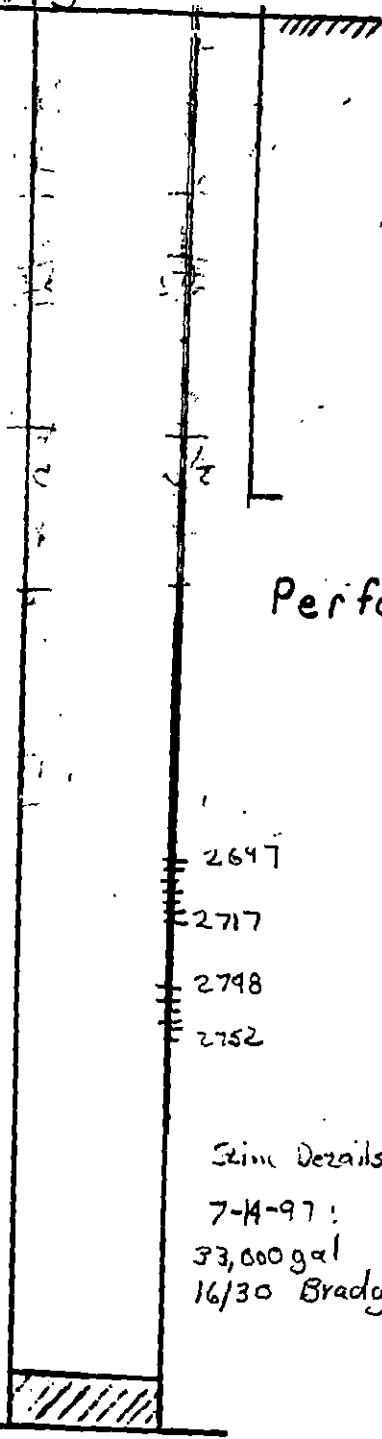


Surf Casing
Size 8 5/8" 29 #/ft
Depth 601
Cement 350 Sx 50/b

Tubing Detail

Production Casing
Size 5.5" 19 #/ft
Depth 3077
Cement 220 Sx 3 3/4 D79
100 Sx 2 9/8 B28

TD 3087
PBD 2776



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WICHITA DIVISION
Wichita, Kansas

Perforation Detail 48 shots
L. Krider: 2697-2717
Winfield: 2748-52

Stim Details:
7-14-97: 1000 gal 7.5% HCL 100 Balls
33,000 gal 700 WF130 (1-7) APG 79,000
16/30 Brady.

Well Mallorca "A" #1-2

Sect 01-33S-35W

API 15-189-22184

EKB 2949

EGM 26258-1048

Date Drilled 6/30/97

Loc Code: 62993 G.L.

After P&A

8-15 feet

Cap 10' ex cement 0-40 ft

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Wichita, Kansas

400 ft
70' ex class H Cement
150% for Berehok area
100% for Csg.
625 ft

Surf Casing

size 8 5/8" 27 #/ft
Depth 401
Cement 350 5x 50's

- 1.) If TOC is below Stone Corral: -
- 2.) If TOC is above Stone Corral will not place 70' ex cement across Stone Corral.

1687

1687 STONE CORRAL (Anhydrite)

1735 70' ex Class H

1885 (150% calculated)

2650 Bridge Plug + 2' ex Cement on Top

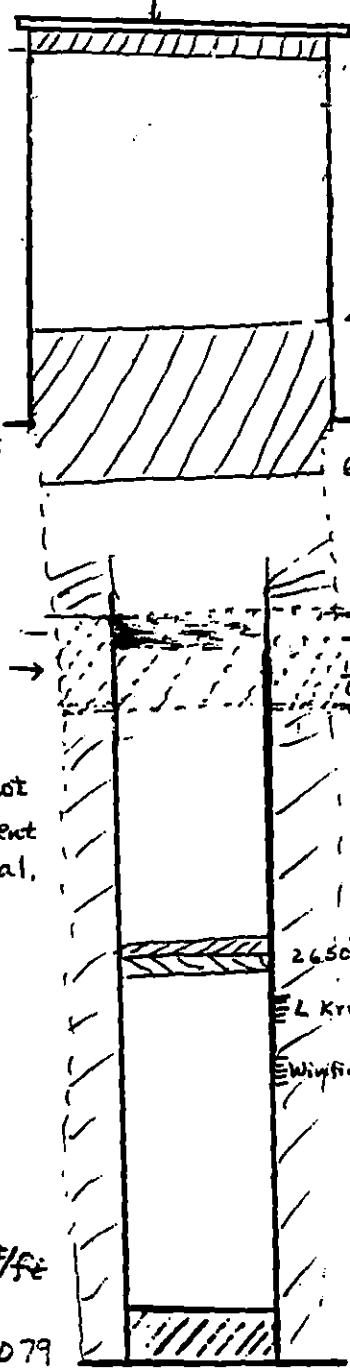
EL Krider: 2697 2717

Winfield: 2748-2752

Production Casing

size 5.5" 19 #/ft
Depth 3077
Cement 220 5x 36079
100 5x 27,828

TD 3087
P BTD 2776





Kansas Corporation Commission

Bill Graves, Governor John Wine, Chair Susan M. Seltsam, Commissioner Cynthia L. Claus, Commissioner

NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)

July 2, 1998

Mobil E&P USA
2319 N. Kansas
Liberal, Ks. 67905

Mallory A #1-2
API 15-18922184
NE SW SW
Sec. 01-33S-35W
Stevens County

Dear Mobil E&P,

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging.

Please contact the district office for approval of your proposed plugging method at least at five (5) days before plugging the well, pursuant to K.A.R. 82-3-113 (b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit.

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well.

This notice in no way constitutes authorization to plug the above-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.

Sincerely,

A handwritten signature in cursive script that reads "David P. Williams".

David P. Williams
Production Supervisor

District: #1
304 W. McArtor
Dodge City, KS 67801
(316) 225-8888